



The new degree of comfort.™



Package Gas Electric  
RGEA14/15 Series

## Rheem *Classic*® Series Package Gas Electric Unit



### RGEA14- 14 SEER Series

Nominal Sizes 2-5 Tons [7.0-17.6 kW]

### RGEA15- 15 SEER Series

Nominal Sizes 2-5 Tons [7.0-17.6 kW]



(15 SEER/  
12 EER ONLY)

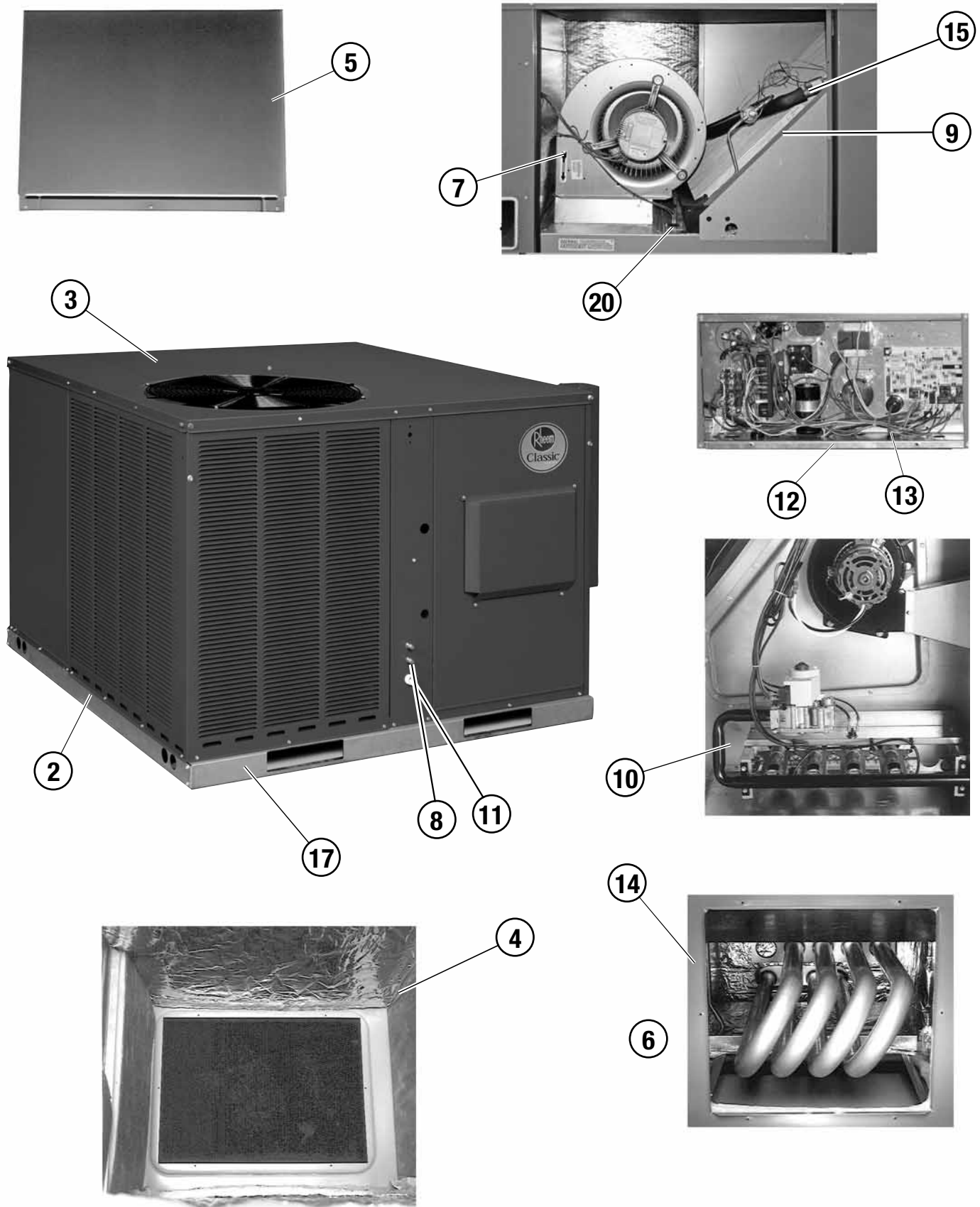


INTEGRATED AIR & WATER

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## Package Gas Electric Unit Features:





## RGEA14/15 Features Below Correspond to Photos on Page 3

1. All models feature Scroll® compressors for maximum efficiency and quiet operation. 5 Ton RGEA15 models feature UltraTech™ Scroll 2-Stage compressors with Comfort Alert™ diagnostics (see below), high/low pressure switches, and hard start kits.
2. Louvered condenser compartment for protecting the coil against yard hazards and/or weather extremes.
3. One-piece top with a deep flange to help keep water out of the unit.
4. Supply and return air openings feature a one-inch tall flange to prevent water migration into the ductwork.
5. Access panels have “weep holes” and channels to further help manage water run-off.
6. Side and down discharge options available on all models. All models are shipped ready for horizontal application.
7. Easily accessible blower section complete with slide-out blower.
8. Refrigerant connections are conveniently located for easy service diagnostics.
9. Micro Channel evaporator and condenser delivers superior performance with less refrigerant charge and less weight than conventional copper tube/aluminum fin coils. In addition the all aluminum construction has superior protection against formicary corrosion and aluminum tube rubbing potential. Its easier to clean and has a more robust surface.
10. Inside the easily accessible furnace compartment is the draft inducer motor. This motor is specially designed for quiet reliable operation. In addition to the draft inducer motor, the in-shot gas burners and manifold efficiently regulate the flow of gas for combustion. These new gas/electric units also feature direct-spark ignition and remote flame sensors for added reliability and efficiency.
11. All units feature an internal trap on the condensate line eliminating the need for installing an on-site external trap.
12. Easily accessible control box.
13. Single point wiring simplifies installation.
14. Our gas/electric package units feature a tubular heat exchanger design. Tubular heat exchangers are more efficient and durable than older-style clamshell heat exchangers. The heat exchanger is backed by a 10 year limited warranty. Models with a stainless steel heat exchanger installed in a residential application are backed by a limited lifetime warranty.
15. Thermal expansion valve standard on all models for superior superheat control, reliability, and energy efficiency at all operating conditions.
16. Filter drier standard on all models (not shown).
17. Rugged baserail included for improved installation and handling
18. Complete factory charged, wired and run tested.
19. Molded compressor plugs.
20. A double sloped evaporator coil drain pan assures all water is removed from the unit to improve indoor air quality.

### Comfort Alert™ Diagnostics – Faster Service And Improved Accuracy (2-Stage Models Only)

The Comfort Alert™ diagnostics module is a breakthrough innovation for troubleshooting air conditioning system failures. The module is installed in the control box near the compressor contactor. By monitoring and analyzing data from the Scroll® compressor and the thermostat demand, the module can accurately detect the cause of electrical and system related failures without any sensors. A flashing LED indicator communicates the ALERT code and guides the service technician more quickly and accurately to the root cause of a problem.

**NOTE: Single phase module does not provide safety protection! The Comfort Alert module is a monitoring device and cannot control or shut down the compressor unless used with a White Rodgers IF95-CA397 Thermostat.**

**NOTE: Three phase module provides compressor protection and will shut down the compressor when compressor damaging conditions are detected.**



Air

**R GE A 14 036 A J D 10 1 A A X X X**Factory Installed Options  
(See Next Page)Minor Series  
A = 1st VariationControl  
A = Non CommunicatingHeat Configuration  
1 = Single Stage  
X = 1 Stage NoxHeating Capacity (MBH) [kW]  
04 = 40,000 [11.7]  
06 = 60,000 [17.6]  
08 = 80,000 [23.4]  
10 = 100,000 [29.3]Drive Package  
D = Direct Drive (PSC)  
T = Constant Torque (x13)  
V = Constant CFM (ECM)Voltage  
J = 208-230V—1PH—60 Hz  
C = 208-230V—3PH—60 Hz  
D = 460V 3PH—60 HzMajor Series  
A = 1st VariationCooling Capacity (BTUH) [kW]  
024 = 24,000 [7.03]  
030 = 30,000 [8.79]  
036 = 36,000 [10.55]  
042 = 42,000 [12.31]  
048 = 48,000 [14.07]  
060 = 60,000 [17.59]Series  
14 = 14 SEER  
15 = 15 SEERCabinet Type  
A = Residential PackageUnit Type  
GE = Package Gas Heat / Electric CoolTradebrand  
R = Rheem

[ ] Designates Metric Conversions



Instructions for Factory Installed Option(s) Selection

**Note:** Three characters following the model number will be utilized to designate a factory-installed option or combination of options. If no factory option(s) is required, nothing follows the model number.

**Step 1.** After a basic rooftop model is selected, choose a *three-character* option code from the FACTORY INSTALLED OPTION SELECTION TABLE.

FACTORY INSTALLED OPTION CODES

| Option Code | Stainless Steel Heat Exchanger | Tin Plated Hairpin Coil |
|-------------|--------------------------------|-------------------------|
| AJA         | x                              |                         |

“x” indicates factory installed option.

Example: No Option  
RGEA14036AJD081AA

Example: Option with Stainless Steel Heat Exchanger  
RGEA14036AJD081AAAJA

Note: Factory installed economizer is not available on these models.

## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA14 Series                          | 024AJD041AA             | 024AJD04XAA             | 024AJD061AA             |
|----------------------------------------------|-------------------------|-------------------------|-------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |                         |
| Gross Cooling Capacity Btu [kW]              | 24,800 [7.27]           | 24,800 [7.27]           | 24,800 [7.27]           |
| EER/SEER <sup>2</sup>                        | 11.6/14                 | 11.6/14                 | 11.6/14                 |
| Nominal CFM/AHRI Rated CFM [L/s]             | 800/900 [378/425]       | 800/900 [378/425]       | 800/900 [378/425]       |
| AHRI Net Cooling Capacity Btu [kW]           | 24,000 [7.03]           | 24,000 [7.03]           | 24,000 [7.03]           |
| Net Sensible Capacity Btu [kW]               | 18,000 [5.27]           | 18,000 [5.27]           | 18,000 [5.27]           |
| Net Latent Capacity Btu [kW]                 | 6,000 [1.76]            | 6,000 [1.76]            | 6,000 [1.76]            |
| Net System Power kW                          | 2.07                    | 2.07                    | 2.07                    |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                         |
| Heating Input Btu [kW]                       | 40,000 [11.72]          | 40,000 [11.72]          | 60,000 [17.58]          |
| Heating Output Btu [kW]                      | 32,000 [9.38]           | 32,000 [9.38]           | 48,000 [14.06]          |
| Temperature Rise Range °F [°C]               | 25-55 [13.9-30.6]       | 25-55 [13.9-30.6]       | 40-70 [22.2-38.9]       |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                      |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                      |
| No. Burners                                  | 2                       | 2                       | 2                       |
| No. Stages                                   | 1                       | 1                       | 1                       |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              |
| <b>Compressor</b>                            |                         |                         |                         |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> |                         |                         |                         |
|                                              | 76                      | 76                      | 76                      |
| <b>Outdoor Coil—Fin Type</b>                 |                         |                         |                         |
| Tube Type                                    | Louvered                | Louvered                | Louvered                |
| MicroChannel Depth in. [mm]                  | MicroChannel            | MicroChannel            | MicroChannel            |
| Face Area sq. ft. [sq. m]                    | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               |
| Rows / FPI [FPcm]                            | 7.1 [0.66]              | 7.1 [0.66]              | 7.1 [0.66]              |
|                                              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              |
| <b>Indoor Coil—Fin Type</b>                  |                         |                         |                         |
| Tube Type                                    | Louvered                | Louvered                | Louvered                |
| MicroChannel Depth in. [mm]                  | MicroChannel            | MicroChannel            | MicroChannel            |
| Face Area sq. ft. [sq. m]                    | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                |
| Rows / FPI [FPcm]                            | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              |
|                                              | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]              |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves               |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          |
| <b>Outdoor Fan—Type</b>                      |                         |                         |                         |
| No. Used/Diameter in. [mm]                   | Propeller               | Propeller               | Propeller               |
| Drive Type/No. Speeds                        | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            |
| CFM [L/s]                                    | Direct/1                | Direct/1                | Direct/1                |
| No. Motors/HP                                | 2500 [1180]             | 2500 [1180]             | 2500 [1180]             |
| Motor RPM                                    | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             |
|                                              | 1075                    | 1075                    | 1075                    |
| <b>Indoor Fan—Type</b>                       |                         |                         |                         |
| No. Used/Diameter in. [mm]                   | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          |
| Drive Type                                   | 1/9x7 [229x178]         | 1/9x7 [229x178]         | 1/9x7 [229x178]         |
| No. Speeds                                   | Direct                  | Direct                  | Direct                  |
| No. Motors                                   | Multiple                | Multiple                | Multiple                |
| Motor HP                                     | 1                       | 1                       | 1                       |
| Motor RPM                                    | 1/4                     | 1/4                     | 1/4                     |
| Motor Frame Size                             | 1075                    | 1075                    | 1075                    |
|                                              | 48                      | 48                      | 48                      |
| <b>Filter—Type</b>                           |                         |                         |                         |
| Furnished                                    | Field Supplied          | Field Supplied          | Field Supplied          |
| (NO.) Size Recommended in. [mm x mm x mm]    | No                      | No                      | No                      |
|                                              | (1)1x20x20 [25x508x508] | (1)1x20x20 [25x508x508] | (1)1x20x20 [25x508x508] |
| <b>Refrigerant Charge Oz. [g]</b>            |                         |                         |                         |
|                                              | 42.7 [1211]             | 42.7 [1211]             | 42.7 [1211]             |
| <b>Weights</b>                               |                         |                         |                         |
| Net Weight lbs. [kg]                         | 398 [181]               | 398 [181]               | 403 [183]               |
| Ship Weight lbs. [kg]                        | 408 [185]               | 408 [185]               | 413 [187]               |

**CONTINUED** →

See Page 33 for Notes.

[ ] Designates Metric Conversions

## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA14 Series                          | 024AJD06XAA             | 030AJD061AA             | 030AJD06XAA             | 030AJD081AA             |
|----------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |                         | <b>CONTINUED</b> →      |
| Gross Cooling Capacity Btu [kW]              | 24,800 [7.27]           | 29,600 [8.67]           | 29,600 [8.67]           | 29,600 [8.67]           |
| EER/SEER <sup>2</sup>                        | 11.6/14                 | 12/14                   | 12/14                   | 12/14                   |
| Nominal CFM/AHRI Rated CFM [L/s]             | 800/900 [378/425]       | 1000/1000 [472/472]     | 1000/1000 [472/472]     | 1000/1000 [472/472]     |
| AHRI Net Cooling Capacity Btu [kW]           | 24,000 [7.03]           | 28,400 [8.32]           | 28,400 [8.32]           | 28,400 [8.32]           |
| Net Sensible Capacity Btu [kW]               | 18,000 [5.27]           | 21,200 [6.21]           | 21,200 [6.21]           | 21,200 [6.21]           |
| Net Latent Capacity Btu [kW]                 | 6,000 [1.76]            | 7,200 [2.11]            | 7,200 [2.11]            | 7,200 [2.11]            |
| Net System Power kW                          | 2.07                    | 2.37                    | 2.37                    | 2.37                    |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                         |                         |
| Heating Input Btu [kW]                       | 60,000 [17.58]          | 60,000 [17.58]          | 60,000 [17.58]          | 80,000 [23.44]          |
| Heating Output Btu [kW]                      | 48,000 [14.06]          | 48,000 [14.06]          | 48,000 [14.06]          | 65,000 [19.04]          |
| Temperature Rise Range °F [°C]               | 40-70 [22.2-38.9]       | 35-65 [19.4-36.1]       | 35-65 [19.4-36.1]       | 35-65 [19.4-36.1]       |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                      | 81                      |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                      | 82                      |
| No. Burners                                  | 2                       | 3                       | 3                       | 3                       |
| No. Stages                                   | 1                       | 1                       | 1                       | 1                       |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              |
| <b>Compressor</b>                            |                         |                         |                         |                         |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                | 1/Scroll                |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> | 76                      | 76                      | 76                      | 76                      |
| <b>Outdoor Coil—Fin Type</b>                 | Louvered                | Louvered                | Louvered                | Louvered                |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel            |
| MicroChannel Depth in. [mm]                  | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               |
| Face Area sq. ft. [sq. m]                    | 7.1 [0.66]              | 9.9 [0.92]              | 9.9 [0.92]              | 9.9 [0.92]              |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              |
| <b>Indoor Coil—Fin Type</b>                  | Louvered                | Louvered                | Louvered                | Louvered                |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel            |
| MicroChannel Depth in. [mm]                  | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                |
| Face Area sq. ft. [sq. m]                    | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              |
| Rows / FPI [FPcm]                            | 1 / 17 [7]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves               | TX Valves               |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          |
| <b>Outdoor Fan—Type</b>                      | Propeller               | Propeller               | Propeller               | Propeller               |
| No. Used/Diameter in. [mm]                   | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            |
| Drive Type/No. Speeds                        | Direct/1                | Direct/1                | Direct/1                | Direct/1                |
| CFM [L/s]                                    | 2500 [1180]             | 2500 [1180]             | 2500 [1180]             | 2500 [1180]             |
| No. Motors/HP                                | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                    |
| <b>Indoor Fan—Type</b>                       | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          |
| No. Used/Diameter in. [mm]                   | 1/9x7 [229x178]         | 1/10x9 [254x229]        | 1/10x9 [254x229]        | 1/10x9 [254x229]        |
| Drive Type                                   | Direct                  | Direct                  | Direct                  | Direct                  |
| No. Speeds                                   | Multiple                | Multiple                | Multiple                | Multiple                |
| No. Motors                                   | 1                       | 1                       | 1                       | 1                       |
| Motor HP                                     | 1/4                     | 1/2                     | 1/2                     | 1/2                     |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                    |
| Motor Frame Size                             | 48                      | 48                      | 48                      | 48                      |
| <b>Filter—Type</b>                           | Field Supplied          | Field Supplied          | Field Supplied          | Field Supplied          |
| Furnished                                    | No                      | No                      | No                      | No                      |
| (NO.) Size Recommended in. [mm x mm x mm]    | (1)1x20x20 [25x508x508] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] |
| <b>Refrigerant Charge Oz. [g]</b>            | 42.7 [1211]             | 46.8 [1327]             | 46.8 [1327]             | 46.8 [1327]             |
| <b>Weights</b>                               |                         |                         |                         |                         |
| Net Weight lbs. [kg]                         | 403 [183]               | 403 [183]               | 403 [183]               | 408 [185]               |
| Ship Weight lbs. [kg]                        | 413 [187]               | 413 [187]               | 413 [187]               | 418 [190]               |

See Page 33 for Notes.

**[ ] Designates Metric Conversions**

## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA14 Series                          | 030AJD08XAA             | 036ACD061AA             | 036ACD081AA             | 036ACD101AA                                                                                          |
|----------------------------------------------|-------------------------|-------------------------|-------------------------|------------------------------------------------------------------------------------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |                         | <b>CONTINUED</b>  |
| Gross Cooling Capacity Btu [kW]              | 29,600 [8.67]           | 35,400 [10.37]          | 35,400 [10.37]          | 35,400 [10.37]                                                                                       |
| EER/SEER <sup>2</sup>                        | 12/14                   | 11.8/14                 | 11.8/14                 | 11.8/14                                                                                              |
| Nominal CFM/AHRI Rated CFM [L/s]             | 1000/1000 [472/472]     | 1200/1200 [566/566]     | 1200/1200 [566/566]     | 1200/1200 [566/566]                                                                                  |
| AHRI Net Cooling Capacity Btu [kW]           | 28,400 [8.32]           | 34,000 [9.96]           | 34,000 [9.96]           | 34,000 [9.96]                                                                                        |
| Net Sensible Capacity Btu [kW]               | 21,200 [6.21]           | 24,200 [7.09]           | 24,200 [7.09]           | 24,200 [7.09]                                                                                        |
| Net Latent Capacity Btu [kW]                 | 7,200 [2.11]            | 9,800 [2.87]            | 9,800 [2.87]            | 9,800 [2.87]                                                                                         |
| Net System Power kW                          | 2.37                    | 2.89                    | 2.89                    | 2.89                                                                                                 |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                         |                                                                                                      |
| Heating Input Btu [kW]                       | 80,000 [23.44]          | 60,000 [17.58]          | 80,000 [23.44]          | 100,000 [29.3]                                                                                       |
| Heating Output Btu [kW]                      | 65,000 [19.04]          | 48,000 [14.06]          | 65,000 [19.04]          | 81,000 [23.73]                                                                                       |
| Temperature Rise Range °F [°C]               | 35-65 [19.4-36.1]       | 30-60 [16.7-33.3]       | 30-60 [16.7-33.3]       | 40-70 [22.2-38.9]                                                                                    |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                      | 81                                                                                                   |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                      | 82                                                                                                   |
| No. Burners                                  | 3                       | 3                       | 3                       | 3                                                                                                    |
| No. Stages                                   | 1                       | 1                       | 1                       | 1                                                                                                    |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]                                                                                           |
| <b>Compressor</b>                            |                         |                         |                         |                                                                                                      |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                | 1/Scroll                                                                                             |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> | 76                      | 76                      | 76                      | 76                                                                                                   |
| <b>Outdoor Coil—Fin Type</b>                 | Louvered                | Louvered                | Louvered                | Louvered                                                                                             |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel                                                                                         |
| MicroChannel Depth in. [mm]                  | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               | 0.71 [18]                                                                                            |
| Face Area sq. ft. [sq. m]                    | 9.9 [0.92]              | 9.8 [0.91]              | 9.8 [0.91]              | 9.8 [0.91]                                                                                           |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]                                                                                           |
| <b>Indoor Coil—Fin Type</b>                  | Louvered                | Louvered                | Louvered                | Louvered                                                                                             |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel                                                                                         |
| MicroChannel Depth in. [mm]                  | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                                                                                             |
| Face Area sq. ft. [sq. m]                    | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]                                                                                           |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]                                                                                           |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves               | TX Valves                                                                                            |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]                                                                                       |
| <b>Outdoor Fan—Type</b>                      | Propeller               | Propeller               | Propeller               | Propeller                                                                                            |
| No. Used/Diameter in. [mm]                   | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]                                                                                         |
| Drive Type/No. Speeds                        | Direct/1                | Direct/1                | Direct/1                | Direct/1                                                                                             |
| CFM [L/s]                                    | 2500 [1180]             | 2700 [1274]             | 2700 [1274]             | 2700 [1274]                                                                                          |
| No. Motors/HP                                | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP                                                                                          |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                                                                                                 |
| <b>Indoor Fan—Type</b>                       | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          | FC Centrifugal                                                                                       |
| No. Used/Diameter in. [mm]                   | 1/10x9 [254x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]                                                                                     |
| Drive Type                                   | Direct                  | Direct                  | Direct                  | Direct                                                                                               |
| No. Speeds                                   | Multiple                | Multiple                | Multiple                | Multiple                                                                                             |
| No. Motors                                   | 1                       | 1                       | 1                       | 1                                                                                                    |
| Motor HP                                     | 1/2                     | 1/2                     | 1/2                     | 1/2                                                                                                  |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                                                                                                 |
| Motor Frame Size                             | 48                      | 48                      | 48                      | 48                                                                                                   |
| <b>Filter—Type</b>                           | Field Supplied          | Field Supplied          | Field Supplied          | Field Supplied                                                                                       |
| Furnished                                    | No                      | No                      | No                      | No                                                                                                   |
| (NO.) Size Recommended in. [mm x mm x mm]    | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610]                                                                              |
| <b>Refrigerant Charge Oz. [g]</b>            | 46.8 [1327]             | 52.7 [1494]             | 52.7 [1494]             | 52.7 [1494]                                                                                          |
| <b>Weights</b>                               |                         |                         |                         |                                                                                                      |
| Net Weight lbs. [kg]                         | 408 [185]               | 411 [186]               | 416 [189]               | 421 [191]                                                                                            |
| Ship Weight lbs. [kg]                        | 418 [190]               | 421 [191]               | 426 [193]               | 431 [196]                                                                                            |

See Page 33 for Notes.

[ ] Designates Metric Conversions

## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA14 Series                          | 036ADD061AA             | 036ADD081AA             | 036ADD101AA             | 036AJD061AA             |
|----------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |                         | <b>CONTINUED</b> →      |
| Gross Cooling Capacity Btu [kW]              | 35,400 [10.37]          | 35,400 [10.37]          | 35,400 [10.37]          | 35,400 [10.37]          |
| EER/SEER <sup>2</sup>                        | 11.8/14                 | 11.8/14                 | 11.8/14                 | 11.8/14                 |
| Nominal CFM/AHRI Rated CFM [L/s]             | 1200/1200 [566/566]     | 1200/1200 [566/566]     | 1200/1200 [566/566]     | 1200/1200 [566/566]     |
| AHRI Net Cooling Capacity Btu [kW]           | 34,000 [9.96]           | 34,000 [9.96]           | 34,000 [9.96]           | 34,000 [9.96]           |
| Net Sensible Capacity Btu [kW]               | 24,200 [7.09]           | 24,200 [7.09]           | 24,200 [7.09]           | 24,200 [7.09]           |
| Net Latent Capacity Btu [kW]                 | 9,800 [2.87]            | 9,800 [2.87]            | 9,800 [2.87]            | 9,800 [2.87]            |
| Net System Power kW                          | 2.89                    | 2.89                    | 2.89                    | 2.89                    |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                         |                         |
| Heating Input Btu [kW]                       | 60,000 [17.58]          | 80,000 [23.44]          | 100,000 [29.3]          | 60,000 [17.58]          |
| Heating Output Btu [kW]                      | 48,000 [14.06]          | 65,000 [19.04]          | 81,000 [23.73]          | 48,000 [14.06]          |
| Temperature Rise Range °F [°C]               | 30-60 [16.7-33.3]       | 30-60 [16.7-33.3]       | 40-70 [22.2-38.9]       | 30-60 [16.7-33.3]       |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                      | 81                      |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                      | 82                      |
| No. Burners                                  | 3                       | 3                       | 3                       | 3                       |
| No. Stages                                   | 1                       | 1                       | 1                       | 1                       |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              |
| <b>Compressor</b>                            |                         |                         |                         |                         |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                | 1/Scroll                |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> | 76                      | 76                      | 76                      | 76                      |
| <b>Outdoor Coil—Fin Type</b>                 | Louvered                | Louvered                | Louvered                | Louvered                |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel            |
| MicroChannel Depth in. [mm]                  | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               |
| Face Area sq. ft. [sq. m]                    | 9.8 [0.91]              | 9.8 [0.91]              | 9.8 [0.91]              | 9.8 [0.91]              |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              |
| <b>Indoor Coil—Fin Type</b>                  | Louvered                | Louvered                | Louvered                | Louvered                |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel            |
| MicroChannel Depth in. [mm]                  | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                |
| Face Area sq. ft. [sq. m]                    | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              |
| Rows / FPI [FPcm]                            | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]              |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves               | TX Valves               |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          |
| <b>Outdoor Fan—Type</b>                      | Propeller               | Propeller               | Propeller               | Propeller               |
| No. Used/Diameter in. [mm]                   | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            |
| Drive Type/No. Speeds                        | Direct/1                | Direct/1                | Direct/1                | Direct/1                |
| CFM [L/s]                                    | 2700 [1274]             | 2700 [1274]             | 2700 [1274]             | 2700 [1274]             |
| No. Motors/HP                                | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                    |
| <b>Indoor Fan—Type</b>                       | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          |
| No. Used/Diameter in. [mm]                   | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]        |
| Drive Type                                   | Direct                  | Direct                  | Direct                  | Direct                  |
| No. Speeds                                   | Multiple                | Multiple                | Multiple                | Multiple                |
| No. Motors                                   | 1                       | 1                       | 1                       | 1                       |
| Motor HP                                     | 1/2                     | 1/2                     | 1/2                     | 1/2                     |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                    |
| Motor Frame Size                             | 48                      | 48                      | 48                      | 48                      |
| <b>Filter—Type</b>                           | Field Supplied          | Field Supplied          | Field Supplied          | Field Supplied          |
| Furnished                                    | No                      | No                      | No                      | No                      |
| (NO.) Size Recommended in. [mm x mm x mm]    | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] |
| <b>Refrigerant Charge Oz. [g]</b>            | 52.7 [1494]             | 52.7 [1494]             | 52.7 [1494]             | 52.7 [1494]             |
| <b>Weights</b>                               |                         |                         |                         |                         |
| Net Weight lbs. [kg]                         | 411 [186]               | 416 [189]               | 421 [191]               | 411 [186]               |
| Ship Weight lbs. [kg]                        | 421 [191]               | 426 [193]               | 431 [196]               | 421 [191]               |

See Page 33 for Notes.

**[ ] Designates Metric Conversions**

## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA14 Series                          | 036AJD06XAA             | 036AJD081AA             | 036AJD08XAA             | 036AJD101AA                                                                                          |
|----------------------------------------------|-------------------------|-------------------------|-------------------------|------------------------------------------------------------------------------------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |                         | <b>CONTINUED</b>  |
| Gross Cooling Capacity Btu [kW]              | 35,400 [10.37]          | 35,400 [10.37]          | 35,400 [10.37]          | 35,400 [10.37]                                                                                       |
| EER/SEER <sup>2</sup>                        | 11.8/14                 | 11.8/14                 | 11.8/14                 | 11.8/14                                                                                              |
| Nominal CFM/AHRI Rated CFM [L/s]             | 1200/1200 [566/566]     | 1200/1200 [566/566]     | 1200/1200 [566/566]     | 1200/1200 [566/566]                                                                                  |
| AHRI Net Cooling Capacity Btu [kW]           | 34,000 [9.96]           | 34,000 [9.96]           | 34,000 [9.96]           | 34,000 [9.96]                                                                                        |
| Net Sensible Capacity Btu [kW]               | 24,200 [7.09]           | 24,200 [7.09]           | 24,200 [7.09]           | 24,200 [7.09]                                                                                        |
| Net Latent Capacity Btu [kW]                 | 9,800 [2.87]            | 9,800 [2.87]            | 9,800 [2.87]            | 9,800 [2.87]                                                                                         |
| Net System Power kW                          | 2.89                    | 2.89                    | 2.89                    | 2.89                                                                                                 |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                         |                                                                                                      |
| Heating Input Btu [kW]                       | 60,000 [17.58]          | 80,000 [23.44]          | 80,000 [23.44]          | 100,000 [29.3]                                                                                       |
| Heating Output Btu [kW]                      | 48,000 [14.06]          | 65,000 [19.04]          | 65,000 [19.04]          | 81,000 [23.73]                                                                                       |
| Temperature Rise Range °F [°C]               | 30-60 [16.7-33.3]       | 30-60 [16.7-33.3]       | 30-60 [16.7-33.3]       | 40-70 [22.2-38.9]                                                                                    |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                      | 81                                                                                                   |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                      | 82                                                                                                   |
| No. Burners                                  | 3                       | 3                       | 3                       | 3                                                                                                    |
| No. Stages                                   | 1                       | 1                       | 1                       | 1                                                                                                    |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]                                                                                           |
| <b>Compressor</b>                            |                         |                         |                         |                                                                                                      |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                | 1/Scroll                                                                                             |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> | 76                      | 76                      | 76                      | 76                                                                                                   |
| <b>Outdoor Coil—Fin Type</b>                 | Louvered                | Louvered                | Louvered                | Louvered                                                                                             |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel                                                                                         |
| MicroChannel Depth in. [mm]                  | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               | 0.71 [18]                                                                                            |
| Face Area sq. ft. [sq. m]                    | 9.8 [0.91]              | 9.8 [0.91]              | 9.8 [0.91]              | 9.8 [0.91]                                                                                           |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]                                                                                           |
| <b>Indoor Coil—Fin Type</b>                  | Louvered                | Louvered                | Louvered                | Louvered                                                                                             |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel                                                                                         |
| MicroChannel Depth in. [mm]                  | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                                                                                             |
| Face Area sq. ft. [sq. m]                    | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]                                                                                           |
| Rows / FPI [FPcm]                            | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]                                                                                           |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves               | TX Valves                                                                                            |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]                                                                                       |
| <b>Outdoor Fan—Type</b>                      | Propeller               | Propeller               | Propeller               | Propeller                                                                                            |
| No. Used/Diameter in. [mm]                   | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]                                                                                         |
| Drive Type/No. Speeds                        | Direct/1                | Direct/1                | Direct/1                | Direct/1                                                                                             |
| CFM [L/s]                                    | 2700 [1274]             | 2700 [1274]             | 2700 [1274]             | 2700 [1274]                                                                                          |
| No. Motors/HP                                | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP                                                                                          |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                                                                                                 |
| <b>Indoor Fan—Type</b>                       | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          | FC Centrifugal                                                                                       |
| No. Used/Diameter in. [mm]                   | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]                                                                                     |
| Drive Type                                   | Direct                  | Direct                  | Direct                  | Direct                                                                                               |
| No. Speeds                                   | Multiple                | Multiple                | Multiple                | Multiple                                                                                             |
| No. Motors                                   | 1                       | 1                       | 1                       | 1                                                                                                    |
| Motor HP                                     | 1/2                     | 1/2                     | 1/2                     | 1/2                                                                                                  |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                                                                                                 |
| Motor Frame Size                             | 48                      | 48                      | 48                      | 48                                                                                                   |
| <b>Filter—Type</b>                           | Field Supplied          | Field Supplied          | Field Supplied          | Field Supplied                                                                                       |
| Furnished                                    | No                      | No                      | No                      | No                                                                                                   |
| (NO.) Size Recommended in. [mm x mm x mm]    | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610]                                                                              |
| <b>Refrigerant Charge Oz. [g]</b>            | 52.7 [1494]             | 52.7 [1494]             | 52.7 [1494]             | 52.7 [1494]                                                                                          |
| <b>Weights</b>                               |                         |                         |                         |                                                                                                      |
| Net Weight lbs. [kg]                         | 411 [186]               | 416 [189]               | 416 [189]               | 421 [191]                                                                                            |
| Ship Weight lbs. [kg]                        | 421 [191]               | 426 [193]               | 426 [193]               | 431 [196]                                                                                            |

See Page 33 for Notes.

[ ] Designates Metric Conversions



## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA14 Series                          | 036AJD10XAA             | 042ACT081AA             | 042ACT101AA             | 042AJT081AA             |
|----------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |                         | <b>CONTINUED</b> →      |
| Gross Cooling Capacity Btu [kW]              | 35,400 [10.37]          | 41,000 [12.01]          | 41,000 [12.01]          | 41,000 [12.01]          |
| EER/SEER <sup>2</sup>                        | 11.8/14                 | 12/14                   | 12/14                   | 12/14                   |
| Nominal CFM/AHRI Rated CFM [L/s]             | 1200/1200 [566/566]     | 1400/1300 [661/613]     | 1400/1300 [661/613]     | 1400/1300 [661/613]     |
| AHRI Net Cooling Capacity Btu [kW]           | 34,000 [9.96]           | 40,000 [11.72]          | 40,000 [11.72]          | 40,000 [11.72]          |
| Net Sensible Capacity Btu [kW]               | 24,200 [7.09]           | 29,000 [8.5]            | 29,000 [8.5]            | 29,000 [8.5]            |
| Net Latent Capacity Btu [kW]                 | 9,800 [2.87]            | 11,000 [3.22]           | 11,000 [3.22]           | 11,000 [3.22]           |
| Net System Power kW                          | 2.89                    | 3.27                    | 3.27                    | 3.27                    |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                         |                         |
| Heating Input Btu [kW]                       | 100,000 [29.3]          | 80,000 [23.44]          | 100,000 [29.3]          | 80,000 [23.44]          |
| Heating Output Btu [kW]                      | 81,000 [23.73]          | 65,000 [19.04]          | 81,000 [23.73]          | 65,000 [19.04]          |
| Temperature Rise Range °F [°C]               | 40-70 [22.2-38.9]       | 35-65 [19.4-36.1]       | 45-75 [25-41.7]         | 35-65 [19.4-36.1]       |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                      | 81                      |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                      | 82                      |
| No. Burners                                  | 3                       | 4                       | 4                       | 4                       |
| No. Stages                                   | 1                       | 1                       | 1                       | 1                       |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              |
| <b>Compressor</b>                            |                         |                         |                         |                         |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                | 1/Scroll                |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> | 76                      | 76                      | 76                      | 76                      |
| <b>Outdoor Coil—Fin Type</b>                 | Louvered                | Louvered                | Louvered                | Louvered                |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel            |
| MicroChannel Depth in. [mm]                  | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               |
| Face Area sq. ft. [sq. m]                    | 9.8 [0.91]              | 14.1 [1.31]             | 14.1 [1.31]             | 14.1 [1.31]             |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              |
| <b>Indoor Coil—Fin Type</b>                  | Louvered                | Louvered                | Louvered                | Louvered                |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel            |
| MicroChannel Depth in. [mm]                  | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                |
| Face Area sq. ft. [sq. m]                    | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              |
| Rows / FPI [FPcm]                            | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]              |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves               | TX Valves               |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          |
| <b>Outdoor Fan—Type</b>                      | Propeller               | Propeller               | Propeller               | Propeller               |
| No. Used/Diameter in. [mm]                   | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            |
| Drive Type/No. Speeds                        | Direct/1                | Direct/1                | Direct/1                | Direct/1                |
| CFM [L/s]                                    | 2700 [1274]             | 3500 [1652]             | 3500 [1652]             | 3500 [1652]             |
| No. Motors/HP                                | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                    |
| <b>Indoor Fan—Type</b>                       | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          |
| No. Used/Diameter in. [mm]                   | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]        |
| Drive Type                                   | Direct                  | Direct                  | Direct                  | Direct                  |
| No. Speeds                                   | Multiple                | Multiple                | Multiple                | Multiple                |
| No. Motors                                   | 1                       | 1                       | 1                       | 1                       |
| Motor HP                                     | 1/2                     | 3/4                     | 3/4                     | 3/4                     |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                    |
| Motor Frame Size                             | 48                      | 48                      | 48                      | 48                      |
| <b>Filter—Type</b>                           | Field Supplied          | Field Supplied          | Field Supplied          | Field Supplied          |
| Furnished                                    | No                      | No                      | No                      | No                      |
| (NO.) Size Recommended in. [mm x mm x mm]    | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] |
| <b>Refrigerant Charge Oz. [g]</b>            | 52.7 [1494]             | 53.6 [1520]             | 53.6 [1520]             | 53.6 [1520]             |
| <b>Weights</b>                               |                         |                         |                         |                         |
| Net Weight lbs. [kg]                         | 421 [191]               | 441 [200]               | 446 [202]               | 441 [200]               |
| Ship Weight lbs. [kg]                        | 431 [196]               | 451 [205]               | 456 [207]               | 451 [205]               |

See Page 33 for Notes.

**[ ] Designates Metric Conversions**

## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA14 Series                          | 042AJT08XAA             | 042AJT101AA             | 042AJT10XAA             | 048ACT081AA             |
|----------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |                         | <b>CONTINUED</b> →      |
| Gross Cooling Capacity Btu [kW]              | 41,000 [12.01]          | 41,000 [12.01]          | 41,000 [12.01]          | 47,500 [13.92]          |
| EER/SEER <sup>2</sup>                        | 12/14                   | 12/14                   | 12/14                   | 11.7/14                 |
| Nominal CFM/AHRI Rated CFM [L/s]             | 1400/1300 [661/613]     | 1400/1300 [661/613]     | 1400/1300 [661/613]     | 1600/1550 [755/731]     |
| AHRI Net Cooling Capacity Btu [kW]           | 40,000 [11.72]          | 40,000 [11.72]          | 40,000 [11.72]          | 46,000 [13.48]          |
| Net Sensible Capacity Btu [kW]               | 29,000 [8.5]            | 29,000 [8.5]            | 29,000 [8.5]            | 32,500 [9.52]           |
| Net Latent Capacity Btu [kW]                 | 11,000 [3.22]           | 11,000 [3.22]           | 11,000 [3.22]           | 13,500 [3.96]           |
| Net System Power kW                          | 3.27                    | 3.27                    | 3.27                    | 3.89                    |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                         |                         |
| Heating Input Btu [kW]                       | 80,000 [23.44]          | 100,000 [29.3]          | 100,000 [29.3]          | 80,000 [23.44]          |
| Heating Output Btu [kW]                      | 65,000 [19.04]          | 81,000 [23.73]          | 81,000 [23.73]          | 65,000 [19.04]          |
| Temperature Rise Range °F [°C]               | 35-65 [19.4-36.1]       | 45-75 [25-41.7]         | 45-75 [25-41.7]         | 35-65 [19.4-36.1]       |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                      | 81                      |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                      | 82                      |
| No. Burners                                  | 4                       | 4                       | 4                       | 4                       |
| No. Stages                                   | 1                       | 1                       | 1                       | 1                       |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              |
| <b>Compressor</b>                            |                         |                         |                         |                         |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                | 1/Scroll                |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> | 76                      | 76                      | 76                      | 78                      |
| <b>Outdoor Coil—Fin Type</b>                 | Louvered                | Louvered                | Louvered                | Louvered                |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel            |
| MicroChannel Depth in. [mm]                  | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               |
| Face Area sq. ft. [sq. m]                    | 14.1 [1.31]             | 14.1 [1.31]             | 14.1 [1.31]             | 16.3 [1.51]             |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              |
| <b>Indoor Coil—Fin Type</b>                  | Louvered                | Louvered                | Louvered                | Louvered                |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel            |
| MicroChannel Depth in. [mm]                  | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                |
| Face Area sq. ft. [sq. m]                    | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              | 4.1 [0.38]              |
| Rows / FPI [FPcm]                            | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 20 [8]              |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves               | TX Valves               |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          |
| <b>Outdoor Fan—Type</b>                      | Propeller               | Propeller               | Propeller               | Propeller               |
| No. Used/Diameter in. [mm]                   | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            |
| Drive Type/No. Speeds                        | Direct/1                | Direct/1                | Direct/1                | Direct/1                |
| CFM [L/s]                                    | 3500 [1652]             | 3500 [1652]             | 3500 [1652]             | 3300 [1557]             |
| No. Motors/HP                                | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                    |
| <b>Indoor Fan—Type</b>                       | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          |
| No. Used/Diameter in. [mm]                   | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]        |
| Drive Type                                   | Direct                  | Direct                  | Direct                  | Direct                  |
| No. Speeds                                   | Multiple                | Multiple                | Multiple                | Multiple                |
| No. Motors                                   | 1                       | 1                       | 1                       | 1                       |
| Motor HP                                     | 3/4                     | 3/4                     | 3/4                     | 3/4                     |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                    |
| Motor Frame Size                             | 48                      | 48                      | 48                      | 48                      |
| <b>Filter—Type</b>                           | Field Supplied          | Field Supplied          | Field Supplied          | Field Supplied          |
| Furnished                                    | No                      | No                      | No                      | No                      |
| (NO.) Size Recommended in. [mm x mm x mm]    | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] |
| <b>Refrigerant Charge Oz. [g]</b>            | 53.6 [1520]             | 53.6 [1520]             | 53.6 [1520]             | 69.3 [1965]             |
| <b>Weights</b>                               |                         |                         |                         |                         |
| Net Weight lbs. [kg]                         | 441 [200]               | 446 [202]               | 446 [202]               | 477 [216]               |
| Ship Weight lbs. [kg]                        | 451 [205]               | 456 [207]               | 456 [207]               | 487 [221]               |

See Page 33 for Notes.

[ ] Designates Metric Conversions

## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA14 Series                          | 048ACT101AA             | 048ADT101AA             | 048AJT081AA             | 048AJT08XAA             |
|----------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |                         | <b>CONTINUED</b> →      |
| Gross Cooling Capacity Btu [kW]              | 47,500 [13.92]          | 47,500 [13.92]          | 47,500 [13.92]          | 47,500 [13.92]          |
| EER/SEER <sup>2</sup>                        | 11.7/14                 | 11.7/14                 | 11.7/14                 | 11.7/14                 |
| Nominal CFM/AHRI Rated CFM [L/s]             | 1600/1550 [755/731]     | 1600/1550 [755/731]     | 1600/1550 [755/731]     | 1600/1550 [755/731]     |
| AHRI Net Cooling Capacity Btu [kW]           | 46,000 [13.48]          | 46,000 [13.48]          | 46,000 [13.48]          | 46,000 [13.48]          |
| Net Sensible Capacity Btu [kW]               | 32,500 [9.52]           | 32,500 [9.52]           | 32,500 [9.52]           | 32,500 [9.52]           |
| Net Latent Capacity Btu [kW]                 | 13,500 [3.96]           | 13,500 [3.96]           | 13,500 [3.96]           | 13,500 [3.96]           |
| Net System Power kW                          | 3.89                    | 3.89                    | 3.89                    | 3.89                    |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                         |                         |
| Heating Input Btu [kW]                       | 100,000 [29.3]          | 100,000 [29.3]          | 80,000 [23.44]          | 80,000 [23.44]          |
| Heating Output Btu [kW]                      | 81,000 [23.73]          | 81,000 [23.73]          | 65,000 [19.04]          | 65,000 [19.04]          |
| Temperature Rise Range °F [°C]               | 45-75 [25-41.7]         | 45-75 [25-41.7]         | 35-65 [19.4-36.1]       | 35-65 [19.4-36.1]       |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                      | 81                      |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                      | 82                      |
| No. Burners                                  | 4                       | 4                       | 4                       | 4                       |
| No. Stages                                   | 1                       | 1                       | 1                       | 1                       |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              |
| <b>Compressor</b>                            |                         |                         |                         |                         |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                | 1/Scroll                |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> | 78                      | 78                      | 78                      | 78                      |
| <b>Outdoor Coil—Fin Type</b>                 | Louvered                | Louvered                | Louvered                | Louvered                |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel            |
| MicroChannel Depth in. [mm]                  | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               |
| Face Area sq. ft. [sq. m]                    | 16.3 [1.51]             | 16.3 [1.51]             | 16.3 [1.51]             | 16.3 [1.51]             |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              |
| <b>Indoor Coil—Fin Type</b>                  | Louvered                | Louvered                | Louvered                | Louvered                |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel            |
| MicroChannel Depth in. [mm]                  | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                |
| Face Area sq. ft. [sq. m]                    | 4.1 [0.38]              | 4.1 [0.38]              | 4.1 [0.38]              | 4.1 [0.38]              |
| Rows / FPI [FPcm]                            | 1 / 20 [8]              | 1 / 20 [8]              | 1 / 20 [8]              | 1 / 20 [8]              |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves               | TX Valves               |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          |
| <b>Outdoor Fan—Type</b>                      | Propeller               | Propeller               | Propeller               | Propeller               |
| No. Used/Diameter in. [mm]                   | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            |
| Drive Type/No. Speeds                        | Direct/1                | Direct/1                | Direct/1                | Direct/1                |
| CFM [L/s]                                    | 3300 [1557]             | 3300 [1557]             | 3300 [1557]             | 3300 [1557]             |
| No. Motors/HP                                | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                    |
| <b>Indoor Fan—Type</b>                       | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          |
| No. Used/Diameter in. [mm]                   | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]        |
| Drive Type                                   | Direct                  | Direct                  | Direct                  | Direct                  |
| No. Speeds                                   | Multiple                | Multiple                | Multiple                | Multiple                |
| No. Motors                                   | 1                       | 1                       | 1                       | 1                       |
| Motor HP                                     | 3/4                     | 3/4                     | 3/4                     | 3/4                     |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                    |
| Motor Frame Size                             | 48                      | 48                      | 48                      | 48                      |
| <b>Filter—Type</b>                           | Field Supplied          | Field Supplied          | Field Supplied          | Field Supplied          |
| Furnished                                    | No                      | No                      | No                      | No                      |
| (NO.) Size Recommended in. [mm x mm x mm]    | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] |
| <b>Refrigerant Charge Oz. [g]</b>            | 69.3 [1965]             | 69.3 [1965]             | 69.3 [1965]             | 69.3 [1965]             |
| <b>Weights</b>                               |                         |                         |                         |                         |
| Net Weight lbs. [kg]                         | 482 [219]               | 482 [219]               | 477 [216]               | 477 [216]               |
| Ship Weight lbs. [kg]                        | 492 [223]               | 492 [223]               | 487 [221]               | 487 [221]               |

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[ ] Designates Metric Conversions

## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA14 Series                          | 048AJT101AA             | 048AJT10XAA             | 060ACT101AA             | 060ADT101AA             |
|----------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |                         | <b>CONTINUED</b> →      |
| Gross Cooling Capacity Btu [kW]              | 47,500 [13.92]          | 47,500 [13.92]          | 59,000 [17.29]          | 59,000 [17.29]          |
| EER/SEER <sup>2</sup>                        | 11.7/14                 | 11.7/14                 | 11.6/14                 | 11.6/14                 |
| Nominal CFM/AHRI Rated CFM [L/s]             | 1600/1550 [755/731]     | 1600/1550 [755/731]     | 2000/1700 [944/802]     | 2000/1700 [944/802]     |
| AHRI Net Cooling Capacity Btu [kW]           | 46,000 [13.48]          | 46,000 [13.48]          | 57,000 [16.7]           | 57,000 [16.7]           |
| Net Sensible Capacity Btu [kW]               | 32,500 [9.52]           | 32,500 [9.52]           | 39,500 [11.57]          | 39,500 [11.57]          |
| Net Latent Capacity Btu [kW]                 | 13,500 [3.96]           | 13,500 [3.96]           | 17,500 [5.13]           | 17,500 [5.13]           |
| Net System Power kW                          | 3.89                    | 3.89                    | 4.94                    | 4.94                    |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                         |                         |
| Heating Input Btu [kW]                       | 100,000 [29.3]          | 100,000 [29.3]          | 100,000 [29.3]          | 100,000 [29.3]          |
| Heating Output Btu [kW]                      | 81,000 [23.73]          | 81,000 [23.73]          | 81,000 [23.73]          | 81,000 [23.73]          |
| Temperature Rise Range °F [°C]               | 45-75 [25-41.7]         | 45-75 [25-41.7]         | 45-75 [25-41.7]         | 45-75 [25-41.7]         |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                      | 81                      |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                      | 82                      |
| No. Burners                                  | 4                       | 4                       | 5                       | 5                       |
| No. Stages                                   | 1                       | 1                       | 1                       | 1                       |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              |
| <b>Compressor</b>                            |                         |                         |                         |                         |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                | 1/Scroll                |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> | 78                      | 78                      | 79                      | 79                      |
| <b>Outdoor Coil—Fin Type</b>                 | Louvered                | Louvered                | Louvered                | Louvered                |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel            |
| MicroChannel Depth in. [mm]                  | 0.71 [18]               | 0.71 [18]               | 1 [25.4]                | 1 [25.4]                |
| Face Area sq. ft. [sq. m]                    | 16.3 [1.51]             | 16.3 [1.51]             | 15.3 [1.42]             | 15.3 [1.42]             |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              |
| <b>Indoor Coil—Fin Type</b>                  | Louvered                | Louvered                | Louvered                | Louvered                |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel            |
| MicroChannel Depth in. [mm]                  | 1 [25.4]                | 1 [25.4]                | 1.26 [32]               | 1.26 [32]               |
| Face Area sq. ft. [sq. m]                    | 4.1 [0.38]              | 4.1 [0.38]              | 4 [0.37]                | 4 [0.37]                |
| Rows / FPI [FPcm]                            | 1 / 20 [8]              | 1 / 20 [8]              | 1 / 20 [8]              | 1 / 20 [8]              |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves               | TX Valves               |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          |
| <b>Outdoor Fan—Type</b>                      | Propeller               | Propeller               | Propeller               | Propeller               |
| No. Used/Diameter in. [mm]                   | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            |
| Drive Type/No. Speeds                        | Direct/1                | Direct/1                | Direct/1                | Direct/1                |
| CFM [L/s]                                    | 3300 [1557]             | 3300 [1557]             | 3400 [1604]             | 3400 [1604]             |
| No. Motors/HP                                | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                    |
| <b>Indoor Fan—Type</b>                       | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          |
| No. Used/Diameter in. [mm]                   | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]        |
| Drive Type                                   | Direct                  | Direct                  | Direct                  | Direct                  |
| No. Speeds                                   | Multiple                | Multiple                | Multiple                | Multiple                |
| No. Motors                                   | 1                       | 1                       | 1                       | 1                       |
| Motor HP                                     | 3/4                     | 3/4                     | 1                       | 1                       |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                    |
| Motor Frame Size                             | 48                      | 48                      | 48                      | 48                      |
| <b>Filter—Type</b>                           | Field Supplied          | Field Supplied          | Field Supplied          | Field Supplied          |
| Furnished                                    | No                      | No                      | No                      | No                      |
| (NO.) Size Recommended in. [mm x mm x mm]    | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x30 [25x610x762] | (1)1x24x30 [25x610x762] |
| <b>Refrigerant Charge Oz. [g]</b>            | 69.3 [1965]             | 69.3 [1965]             | 83.1 [2356]             | 83.1 [2356]             |
| <b>Weights</b>                               |                         |                         |                         |                         |
| Net Weight lbs. [kg]                         | 482 [219]               | 482 [219]               | 512 [232]               | 512 [232]               |
| Ship Weight lbs. [kg]                        | 492 [223]               | 492 [223]               | 522 [237]               | 522 [237]               |

See Page 33 for Notes.

[ ] Designates Metric Conversions



## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA14 Series                          | 060AJT101AA             | 060AJT10XAA             |
|----------------------------------------------|-------------------------|-------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |
| Gross Cooling Capacity Btu [kW]              | 59,000 [17.29]          | 59,000 [17.29]          |
| EER/SEER <sup>2</sup>                        | 11.6/14                 | 11.6/14                 |
| Nominal CFM/AHRI Rated CFM [L/s]             | 2000/1700 [944/802]     | 2000/1700 [944/802]     |
| AHRI Net Cooling Capacity Btu [kW]           | 57,000 [16.7]           | 57,000 [16.7]           |
| Net Sensible Capacity Btu [kW]               | 39,500 [11.57]          | 39,500 [11.57]          |
| Net Latent Capacity Btu [kW]                 | 17,500 [5.13]           | 17,500 [5.13]           |
| Net System Power kW                          | 4.94                    | 4.94                    |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |
| Heating Input Btu [kW]                       | 100,000 [29.3]          | 100,000 [29.3]          |
| Heating Output Btu [kW]                      | 81,000 [23.73]          | 81,000 [23.73]          |
| Temperature Rise Range °F [°C]               | 45-75 [25-41.7]         | 45-75 [25-41.7]         |
| AFUE % <sup>4</sup>                          | 81                      | 81                      |
| Steady State Efficiency (%)                  | 82                      | 82                      |
| No. Burners                                  | 5                       | 5                       |
| No. Stages                                   | 1                       | 1                       |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              |
| <b>Compressor</b>                            |                         |                         |
| No./Type                                     | 1/Scroll                | 1/Scroll                |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> |                         |                         |
|                                              | 79                      | 79                      |
| <b>Outdoor Coil—Fin Type</b>                 |                         |                         |
| Tube Type                                    | Louvered                | Louvered                |
| MicroChannel Depth in. [mm]                  | MicroChannel            | MicroChannel            |
| Face Area sq. ft. [sq. m]                    | 1 [25.4]                | 1 [25.4]                |
| Rows / FPI [FPcm]                            | 15.3 [1.42]             | 15.3 [1.42]             |
|                                              | 1 / 23 [9]              | 1 / 23 [9]              |
| <b>Indoor Coil—Fin Type</b>                  |                         |                         |
| Tube Type                                    | Louvered                | Louvered                |
| MicroChannel Depth in. [mm]                  | MicroChannel            | MicroChannel            |
| Face Area sq. ft. [sq. m]                    | 1.26 [32]               | 1.26 [32]               |
| Rows / FPI [FPcm]                            | 4 [0.37]                | 4 [0.37]                |
|                                              | 1 / 20 [8]              | 1 / 20 [8]              |
| Refrigerant Control                          | TX Valves               | TX Valves               |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          |
| <b>Outdoor Fan—Type</b>                      |                         |                         |
| No. Used/Diameter in. [mm]                   | Propeller               | Propeller               |
| Drive Type/No. Speeds                        | 1/22 [558.8]            | 1/22 [558.8]            |
| CFM [L/s]                                    | Direct/1                | Direct/1                |
| No. Motors/HP                                | 3400 [1604]             | 3400 [1604]             |
| Motor RPM                                    | 1 at 1/3 HP             | 1 at 1/3 HP             |
|                                              | 1075                    | 1075                    |
| <b>Indoor Fan—Type</b>                       |                         |                         |
| No. Used/Diameter in. [mm]                   | FC Centrifugal          | FC Centrifugal          |
| Drive Type                                   | 1/12x9 [305x229]        | 1/12x9 [305x229]        |
| No. Speeds                                   | Direct                  | Direct                  |
| No. Motors                                   | Multiple                | Multiple                |
| Motor HP                                     | 1                       | 1                       |
| Motor RPM                                    | 1                       | 1                       |
| Motor Frame Size                             | 1075                    | 1075                    |
|                                              | 48                      | 48                      |
| <b>Filter—Type</b>                           |                         |                         |
| Furnished                                    | Field Supplied          | Field Supplied          |
| (NO.) Size Recommended in. [mm x mm x mm]    | No                      | No                      |
|                                              | (1)1x24x30 [25x610x762] | (1)1x24x30 [25x610x762] |
| <b>Refrigerant Charge Oz. [g]</b>            |                         |                         |
|                                              | 83.1 [2356]             | 83.1 [2356]             |
| <b>Weights</b>                               |                         |                         |
| Net Weight lbs. [kg]                         |                         |                         |
| Ship Weight lbs. [kg]                        | 512 [232]               | 512 [232]               |
|                                              | 522 [237]               | 522 [237]               |

See Page 33 for Notes.

[ ] Designates Metric Conversions



## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA15 Series                          | 024AJT061AA             | 024AJT06XAA             | 024AJT081AA             | 024AJT08XAA             |
|----------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |                         | <b>CONTINUED</b> →      |
| Gross Cooling Capacity Btu [kW]              | 24,600 [7.21]           | 24,600 [7.21]           | 24,600 [7.21]           | 24,600 [7.21]           |
| EER/SEER <sup>2</sup>                        | 12/15                   | 12/15                   | 12/15                   | 12/15                   |
| Nominal CFM/AHRI Rated CFM [L/s]             | 800/900 [378/425]       | 800/900 [378/425]       | 800/900 [378/425]       | 800/900 [378/425]       |
| AHRI Net Cooling Capacity Btu [kW]           | 24,000 [7.03]           | 24,000 [7.03]           | 24,000 [7.03]           | 24,000 [7.03]           |
| Net Sensible Capacity Btu [kW]               | 18,100 [5.3]            | 18,100 [5.3]            | 18,100 [5.3]            | 18,100 [5.3]            |
| Net Latent Capacity Btu [kW]                 | 5,900 [1.73]            | 5,900 [1.73]            | 5,900 [1.73]            | 5,900 [1.73]            |
| Net System Power kW                          | 2.03                    | 2.03                    | 2.03                    | 2.03                    |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                         |                         |
| Heating Input Btu [kW]                       | 60,000 [17.58]          | 60,000 [17.58]          | 80,000 [23.44]          | 80,000 [23.44]          |
| Heating Output Btu [kW]                      | 48,000 [14.06]          | 48,000 [14.06]          | 65,000 [19.04]          | 65,000 [19.04]          |
| Temperature Rise Range °F [°C]               | 40-70 [22.2-38.9]       | 40-70 [22.2-38.9]       | 35-65 [19.4-36.1]       | 35-65 [19.4-36.1]       |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                      | 81                      |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                      | 82                      |
| No. Burners                                  | 2                       | 2                       | 2                       | 2                       |
| No. Stages                                   | 1                       | 1                       | 1                       | 1                       |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              |
| <b>Compressor</b>                            |                         |                         |                         |                         |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                | 1/Scroll                |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> | 76                      | 76                      | 76                      | 76                      |
| <b>Outdoor Coil—Fin Type</b>                 | Louvered                | Louvered                | Louvered                | Louvered                |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel            |
| MicroChannel Depth in. [mm]                  | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               |
| Face Area sq. ft. [sq. m]                    | 7.1 [0.66]              | 7.1 [0.66]              | 7.1 [0.66]              | 7.1 [0.66]              |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              |
| <b>Indoor Coil—Fin Type</b>                  | Louvered                | Louvered                | Louvered                | Louvered                |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel            |
| MicroChannel Depth in. [mm]                  | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                |
| Face Area sq. ft. [sq. m]                    | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              |
| Rows / FPI [FPcm]                            | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]              |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves               | TX Valves               |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          |
| <b>Outdoor Fan—Type</b>                      | Propeller               | Propeller               | Propeller               | Propeller               |
| No. Used/Diameter in. [mm]                   | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            |
| Drive Type/No. Speeds                        | Direct/1                | Direct/1                | Direct/1                | Direct/1                |
| CFM [L/s]                                    | 2500 [1180]             | 2500 [1180]             | 2500 [1180]             | 2500 [1180]             |
| No. Motors/HP                                | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                    |
| <b>Indoor Fan—Type</b>                       | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          |
| No. Used/Diameter in. [mm]                   | 1/12x7 [305x178]        | 1/12x7 [305x178]        | 1/12x7 [305x178]        | 1/12x7 [305x178]        |
| Drive Type                                   | Direct                  | Direct                  | Direct                  | Direct                  |
| No. Speeds                                   | Multiple                | Multiple                | Multiple                | Multiple                |
| No. Motors                                   | 1                       | 1                       | 1                       | 1                       |
| Motor HP                                     | 1/3                     | 1/3                     | 1/3                     | 1/3                     |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                    |
| Motor Frame Size                             | 48                      | 48                      | 48                      | 48                      |
| <b>Filter—Type</b>                           | Field Supplied          | Field Supplied          | Field Supplied          | Field Supplied          |
| Furnished                                    | No                      | No                      | No                      | No                      |
| (NO.) Size Recommended in. [mm x mm x mm]    | (1)1x20x20 [25x508x508] | (1)1x20x20 [25x508x508] | (1)1x20x20 [25x508x508] | (1)1x20x20 [25x508x508] |
| <b>Refrigerant Charge Oz. [g]</b>            | 42.6 [1208]             | 42.6 [1208]             | 42.6 [1208]             | 42.6 [1208]             |
| <b>Weights</b>                               |                         |                         |                         |                         |
| Net Weight lbs. [kg]                         | 403 [183]               | 403 [183]               | 408 [185]               | 408 [185]               |
| Ship Weight lbs. [kg]                        | 413 [187]               | 413 [187]               | 418 [190]               | 418 [190]               |

See Page 33 for Notes.

[ ] Designates Metric Conversions



## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA15 Series                          | 024AJV061AA             | 024AJV06XAA             | 024AJV081AA             | 024AJV08XAA             |
|----------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |                         | <b>CONTINUED</b> →      |
| Gross Cooling Capacity Btu [kW]              | 24,600 [7.21]           | 24,600 [7.21]           | 24,600 [7.21]           | 24,600 [7.21]           |
| EER/SEER <sup>2</sup>                        | 12/15                   | 12/15                   | 12/15                   | 12/15                   |
| Nominal CFM/AHRI Rated CFM [L/s]             | 800/900 [378/425]       | 800/900 [378/425]       | 800/900 [378/425]       | 800/900 [378/425]       |
| AHRI Net Cooling Capacity Btu [kW]           | 24,000 [7.03]           | 24,000 [7.03]           | 24,000 [7.03]           | 24,000 [7.03]           |
| Net Sensible Capacity Btu [kW]               | 18,100 [5.3]            | 18,100 [5.3]            | 18,100 [5.3]            | 18,100 [5.3]            |
| Net Latent Capacity Btu [kW]                 | 5,900 [1.73]            | 5,900 [1.73]            | 5,900 [1.73]            | 5,900 [1.73]            |
| Net System Power kW                          | 2.03                    | 2.03                    | 2.03                    | 2.03                    |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                         |                         |
| Heating Input Btu [kW]                       | 60,000 [17.58]          | 60,000 [17.58]          | 80,000 [23.44]          | 80,000 [23.44]          |
| Heating Output Btu [kW]                      | 48,000 [14.06]          | 48,000 [14.06]          | 65,000 [19.04]          | 65,000 [19.04]          |
| Temperature Rise Range °F [°C]               | 40-70 [22.2-38.9]       | 40-70 [22.2-38.9]       | 35-65 [19.4-36.1]       | 35-65 [19.4-36.1]       |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                      | 81                      |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                      | 82                      |
| No. Burners                                  | 2                       | 2                       | 2                       | 2                       |
| No. Stages                                   | 1                       | 1                       | 1                       | 1                       |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              |
| <b>Compressor</b>                            |                         |                         |                         |                         |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                | 1/Scroll                |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> | 76                      | 76                      | 76                      | 76                      |
| <b>Outdoor Coil—Fin Type</b>                 | Louvered                | Louvered                | Louvered                | Louvered                |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel            |
| MicroChannel Depth in. [mm]                  | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               |
| Face Area sq. ft. [sq. m]                    | 7.1 [0.66]              | 7.1 [0.66]              | 7.1 [0.66]              | 7.1 [0.66]              |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              |
| <b>Indoor Coil—Fin Type</b>                  | Louvered                | Louvered                | Louvered                | Louvered                |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel            |
| MicroChannel Depth in. [mm]                  | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                |
| Face Area sq. ft. [sq. m]                    | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              |
| Rows / FPI [FPcm]                            | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]              |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves               | TX Valves               |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          |
| <b>Outdoor Fan—Type</b>                      | Propeller               | Propeller               | Propeller               | Propeller               |
| No. Used/Diameter in. [mm]                   | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            |
| Drive Type/No. Speeds                        | Direct/1                | Direct/1                | Direct/1                | Direct/1                |
| CFM [L/s]                                    | 2500 [1180]             | 2500 [1180]             | 2500 [1180]             | 2500 [1180]             |
| No. Motors/HP                                | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                    |
| <b>Indoor Fan—Type</b>                       | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          |
| No. Used/Diameter in. [mm]                   | 1/10x9 [254x229]        | 1/10x9 [254x229]        | 1/10x9 [254x229]        | 1/10x9 [254x229]        |
| Drive Type                                   | Direct                  | Direct                  | Direct                  | Direct                  |
| No. Speeds                                   | Multiple                | Multiple                | Multiple                | Multiple                |
| No. Motors                                   | 1                       | 1                       | 1                       | 1                       |
| Motor HP                                     | 1/2                     | 1/2                     | 1/2                     | 1/2                     |
| Motor RPM                                    | 1050                    | 1050                    | 1050                    | 1050                    |
| Motor Frame Size                             | 48                      | 48                      | 48                      | 48                      |
| <b>Filter—Type</b>                           | Field Supplied          | Field Supplied          | Field Supplied          | Field Supplied          |
| Furnished                                    | No                      | No                      | No                      | No                      |
| (NO.) Size Recommended in. [mm x mm x mm]    | (1)1x20x20 [25x508x508] | (1)1x20x20 [25x508x508] | (1)1x20x20 [25x508x508] | (1)1x20x20 [25x508x508] |
| <b>Refrigerant Charge Oz. [g]</b>            | 42.6 [1208]             | 42.6 [1208]             | 42.6 [1208]             | 42.6 [1208]             |
| <b>Weights</b>                               |                         |                         |                         |                         |
| Net Weight lbs. [kg]                         | 403 [183]               | 403 [183]               | 408 [185]               | 408 [185]               |
| Ship Weight lbs. [kg]                        | 413 [187]               | 413 [187]               | 418 [190]               | 418 [190]               |

See Page 33 for Notes.

**[ ] Designates Metric Conversions**

## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA15 Series                          | 030AJT061AA             | 030AJT06XAA             | 030AJT081AA             | 030AJT08XAA                                                                                          |
|----------------------------------------------|-------------------------|-------------------------|-------------------------|------------------------------------------------------------------------------------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |                         | <b>CONTINUED</b>  |
| Gross Cooling Capacity Btu [kW]              | 29,600 [8.67]           | 29,600 [8.67]           | 29,600 [8.67]           | 29,600 [8.67]                                                                                        |
| EER/SEER <sup>2</sup>                        | 12/15                   | 12/15                   | 12/15                   | 12/15                                                                                                |
| Nominal CFM/AHRI Rated CFM [L/s]             | 1000/975 [472/460]      | 1000/975 [472/460]      | 1000/975 [472/460]      | 1000/975 [472/460]                                                                                   |
| AHRI Net Cooling Capacity Btu [kW]           | 29,000 [8.5]            | 29,000 [8.5]            | 29,000 [8.5]            | 29,000 [8.5]                                                                                         |
| Net Sensible Capacity Btu [kW]               | 21,500 [6.3]            | 21,500 [6.3]            | 21,500 [6.3]            | 21,500 [6.3]                                                                                         |
| Net Latent Capacity Btu [kW]                 | 7,500 [2.2]             | 7,500 [2.2]             | 7,500 [2.2]             | 7,500 [2.2]                                                                                          |
| Net System Power kW                          | 2.21                    | 2.21                    | 2.21                    | 2.21                                                                                                 |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                         |                                                                                                      |
| Heating Input Btu [kW]                       | 60,000 [17.58]          | 60,000 [17.58]          | 80,000 [23.44]          | 80,000 [23.44]                                                                                       |
| Heating Output Btu [kW]                      | 48,000 [14.06]          | 48,000 [14.06]          | 65,000 [19.04]          | 65,000 [19.04]                                                                                       |
| Temperature Rise Range °F [°C]               | 40-70 [22.2-38.9]       | 40-70 [22.2-38.9]       | 35-65 [19.4-36.1]       | 35-65 [19.4-36.1]                                                                                    |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                      | 81                                                                                                   |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                      | 82                                                                                                   |
| No. Burners                                  | 3                       | 3                       | 3                       | 3                                                                                                    |
| No. Stages                                   | 1                       | 1                       | 1                       | 1                                                                                                    |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]                                                                                           |
| <b>Compressor</b>                            |                         |                         |                         |                                                                                                      |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                | 1/Scroll                                                                                             |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> | 76                      | 76                      | 76                      | 76                                                                                                   |
| <b>Outdoor Coil—Fin Type</b>                 | Louvered                | Louvered                | Louvered                | Louvered                                                                                             |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel                                                                                         |
| MicroChannel Depth in. [mm]                  | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               | 0.71 [18]                                                                                            |
| Face Area sq. ft. [sq. m]                    | 9.9 [0.92]              | 9.9 [0.92]              | 9.9 [0.92]              | 9.9 [0.92]                                                                                           |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]                                                                                           |
| <b>Indoor Coil—Fin Type</b>                  | Louvered                | Louvered                | Louvered                | Louvered                                                                                             |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel                                                                                         |
| MicroChannel Depth in. [mm]                  | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                                                                                             |
| Face Area sq. ft. [sq. m]                    | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]                                                                                           |
| Rows / FPI [FPcm]                            | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]                                                                                           |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves               | TX Valves                                                                                            |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]                                                                                       |
| <b>Outdoor Fan—Type</b>                      | Propeller               | Propeller               | Propeller               | Propeller                                                                                            |
| No. Used/Diameter in. [mm]                   | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]                                                                                         |
| Drive Type/No. Speeds                        | Direct/1                | Direct/1                | Direct/1                | Direct/1                                                                                             |
| CFM [L/s]                                    | 2500 [1180]             | 2500 [1180]             | 2500 [1180]             | 2500 [1180]                                                                                          |
| No. Motors/HP                                | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP                                                                                          |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                                                                                                 |
| <b>Indoor Fan—Type</b>                       | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          | FC Centrifugal                                                                                       |
| No. Used/Diameter in. [mm]                   | 1/10x9 [254x229]        | 1/10x9 [254x229]        | 1/10x9 [254x229]        | 1/10x9 [254x229]                                                                                     |
| Drive Type                                   | Direct                  | Direct                  | Direct                  | Direct                                                                                               |
| No. Speeds                                   | Multiple                | Multiple                | Multiple                | Multiple                                                                                             |
| No. Motors                                   | 1                       | 1                       | 1                       | 1                                                                                                    |
| Motor HP                                     | 1/2                     | 1/2                     | 1/2                     | 1/2                                                                                                  |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                                                                                                 |
| Motor Frame Size                             | 48                      | 48                      | 48                      | 48                                                                                                   |
| <b>Filter—Type</b>                           | Field Supplied          | Field Supplied          | Field Supplied          | Field Supplied                                                                                       |
| Furnished                                    | No                      | No                      | No                      | No                                                                                                   |
| (NO.) Size Recommended in. [mm x mm x mm]    | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610]                                                                              |
| <b>Refrigerant Charge Oz. [g]</b>            | 46.8 [1327]             | 46.8 [1327]             | 46.8 [1327]             | 46.8 [1327]                                                                                          |
| <b>Weights</b>                               |                         |                         |                         |                                                                                                      |
| Net Weight lbs. [kg]                         | 403 [183]               | 403 [183]               | 408 [185]               | 408 [185]                                                                                            |
| Ship Weight lbs. [kg]                        | 413 [187]               | 413 [187]               | 418 [190]               | 418 [190]                                                                                            |

See Page 33 for Notes.

[ ] Designates Metric Conversions



## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA15 Series                          | 030AJV061AA             | 030AJV06XAA             | 030AJV081AA             | 030AJV08XAA                                                                                          |
|----------------------------------------------|-------------------------|-------------------------|-------------------------|------------------------------------------------------------------------------------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |                         | <b>CONTINUED</b>  |
| Gross Cooling Capacity Btu [kW]              | 29,600 [8.67]           | 29,600 [8.67]           | 29,600 [8.67]           | 29,600 [8.67]                                                                                        |
| EER/SEER <sup>2</sup>                        | 12/15                   | 12/15                   | 12/15                   | 12/15                                                                                                |
| Nominal CFM/AHRI Rated CFM [L/s]             | 1000/975 [472/460]      | 1000/975 [472/460]      | 1000/975 [472/460]      | 1000/975 [472/460]                                                                                   |
| AHRI Net Cooling Capacity Btu [kW]           | 29,000 [8.5]            | 29,000 [8.5]            | 29,000 [8.5]            | 29,000 [8.5]                                                                                         |
| Net Sensible Capacity Btu [kW]               | 21,500 [6.3]            | 21,500 [6.3]            | 21,500 [6.3]            | 21,500 [6.3]                                                                                         |
| Net Latent Capacity Btu [kW]                 | 7,500 [2.2]             | 7,500 [2.2]             | 7,500 [2.2]             | 7,500 [2.2]                                                                                          |
| Net System Power kW                          | 2.21                    | 2.21                    | 2.21                    | 2.21                                                                                                 |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                         |                                                                                                      |
| Heating Input Btu [kW]                       | 60,000 [17.58]          | 60,000 [17.58]          | 80,000 [23.44]          | 80,000 [23.44]                                                                                       |
| Heating Output Btu [kW]                      | 48,000 [14.06]          | 48,000 [14.06]          | 65,000 [19.04]          | 65,000 [19.04]                                                                                       |
| Temperature Rise Range °F [°C]               | 40-70 [22.2-38.9]       | 40-70 [22.2-38.9]       | 35-65 [19.4-36.1]       | 35-65 [19.4-36.1]                                                                                    |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                      | 81                                                                                                   |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                      | 82                                                                                                   |
| No. Burners                                  | 3                       | 3                       | 3                       | 3                                                                                                    |
| No. Stages                                   | 1                       | 1                       | 1                       | 1                                                                                                    |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]                                                                                           |
| <b>Compressor</b>                            |                         |                         |                         |                                                                                                      |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                | 1/Scroll                                                                                             |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> | 76                      | 76                      | 76                      | 76                                                                                                   |
| <b>Outdoor Coil—Fin Type</b>                 | Louvered                | Louvered                | Louvered                | Louvered                                                                                             |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel                                                                                         |
| MicroChannel Depth in. [mm]                  | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               | 0.71 [18]                                                                                            |
| Face Area sq. ft. [sq. m]                    | 9.9 [0.92]              | 9.9 [0.92]              | 9.9 [0.92]              | 9.9 [0.92]                                                                                           |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]                                                                                           |
| <b>Indoor Coil—Fin Type</b>                  | Louvered                | Louvered                | Louvered                | Louvered                                                                                             |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel                                                                                         |
| MicroChannel Depth in. [mm]                  | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                                                                                             |
| Face Area sq. ft. [sq. m]                    | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]                                                                                           |
| Rows / FPI [FPcm]                            | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]                                                                                           |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves               | TX Valves                                                                                            |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]                                                                                       |
| <b>Outdoor Fan—Type</b>                      | Propeller               | Propeller               | Propeller               | Propeller                                                                                            |
| No. Used/Diameter in. [mm]                   | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]                                                                                         |
| Drive Type/No. Speeds                        | Direct/1                | Direct/1                | Direct/1                | Direct/1                                                                                             |
| CFM [L/s]                                    | 2500 [1180]             | 2500 [1180]             | 2500 [1180]             | 2500 [1180]                                                                                          |
| No. Motors/HP                                | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP                                                                                          |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                                                                                                 |
| <b>Indoor Fan—Type</b>                       | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          | FC Centrifugal                                                                                       |
| No. Used/Diameter in. [mm]                   | 1/10x9 [254x229]        | 1/10x9 [254x229]        | 1/10x9 [254x229]        | 1/10x9 [254x229]                                                                                     |
| Drive Type                                   | Direct                  | Direct                  | Direct                  | Direct                                                                                               |
| No. Speeds                                   | Multiple                | Multiple                | Multiple                | Multiple                                                                                             |
| No. Motors                                   | 1                       | 1                       | 1                       | 1                                                                                                    |
| Motor HP                                     | 1/2                     | 1/2                     | 1/2                     | 1/2                                                                                                  |
| Motor RPM                                    | 1050                    | 1050                    | 1050                    | 1050                                                                                                 |
| Motor Frame Size                             | 48                      | 48                      | 48                      | 48                                                                                                   |
| <b>Filter—Type</b>                           | Field Supplied          | Field Supplied          | Field Supplied          | Field Supplied                                                                                       |
| Furnished                                    | No                      | No                      | No                      | No                                                                                                   |
| (NO.) Size Recommended in. [mm x mm x mm]    | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610]                                                                              |
| <b>Refrigerant Charge Oz. [g]</b>            | 46.8 [1327]             | 46.8 [1327]             | 46.8 [1327]             | 46.8 [1327]                                                                                          |
| <b>Weights</b>                               |                         |                         |                         |                                                                                                      |
| Net Weight lbs. [kg]                         | 403 [183]               | 403 [183]               | 408 [185]               | 408 [185]                                                                                            |
| Ship Weight lbs. [kg]                        | 413 [187]               | 413 [187]               | 418 [190]               | 418 [190]                                                                                            |

See Page 33 for Notes.

**[ ] Designates Metric Conversions**

## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA15 Series                          | 036ACT061AA             | 036ACT081AA             | 036ACT101AA             | 036ADT061AA                                                                                          |
|----------------------------------------------|-------------------------|-------------------------|-------------------------|------------------------------------------------------------------------------------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |                         | <b>CONTINUED</b>  |
| Gross Cooling Capacity Btu [kW]              | 36,000 [10.55]          | 36,000 [10.55]          | 36,000 [10.55]          | 36,000 [10.55]                                                                                       |
| EER/SEER <sup>2</sup>                        | 12/15                   | 12/15                   | 12/15                   | 12/15                                                                                                |
| Nominal CFM/AHRI Rated CFM [L/s]             | 1200/1200 [566/566]     | 1200/1200 [566/566]     | 1200/1200 [566/566]     | 1200/1200 [566/566]                                                                                  |
| AHRI Net Cooling Capacity Btu [kW]           | 35,000 [10.25]          | 35,000 [10.25]          | 35,000 [10.25]          | 35,000 [10.25]                                                                                       |
| Net Sensible Capacity Btu [kW]               | 25,400 [7.44]           | 25,400 [7.44]           | 25,400 [7.44]           | 25,400 [7.44]                                                                                        |
| Net Latent Capacity Btu [kW]                 | 9,600 [2.81]            | 9,600 [2.81]            | 9,600 [2.81]            | 9,600 [2.81]                                                                                         |
| Net System Power kW                          | 2.77                    | 2.77                    | 2.77                    | 2.77                                                                                                 |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                         |                                                                                                      |
| Heating Input Btu [kW]                       | 60,000 [17.58]          | 80,000 [23.44]          | 100,000 [29.3]          | 60,000 [17.58]                                                                                       |
| Heating Output Btu [kW]                      | 48,000 [14.06]          | 65,000 [19.04]          | 81,000 [23.73]          | 48,000 [14.06]                                                                                       |
| Temperature Rise Range °F [°C]               | 40-70 [22.2-38.9]       | 35-65 [19.4-36.1]       | 45-75 [25-41.7]         | 40-70 [22.2-38.9]                                                                                    |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                      | 81                                                                                                   |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                      | 82                                                                                                   |
| No. Burners                                  | 3                       | 3                       | 3                       | 3                                                                                                    |
| No. Stages                                   | 1                       | 1                       | 1                       | 1                                                                                                    |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]                                                                                           |
| <b>Compressor</b>                            |                         |                         |                         |                                                                                                      |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                | 1/Scroll                                                                                             |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> | 76                      | 76                      | 76                      | 76                                                                                                   |
| <b>Outdoor Coil—Fin Type</b>                 | Louvered                | Louvered                | Louvered                | Louvered                                                                                             |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel                                                                                         |
| MicroChannel Depth in. [mm]                  | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               | 0.71 [18]                                                                                            |
| Face Area sq. ft. [sq. m]                    | 9.8 [0.91]              | 9.8 [0.91]              | 9.8 [0.91]              | 9.8 [0.91]                                                                                           |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]                                                                                           |
| <b>Indoor Coil—Fin Type</b>                  | Louvered                | Louvered                | Louvered                | Louvered                                                                                             |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel                                                                                         |
| MicroChannel Depth in. [mm]                  | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                                                                                             |
| Face Area sq. ft. [sq. m]                    | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]                                                                                           |
| Rows / FPI [FPcm]                            | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]                                                                                           |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves               | TX Valves                                                                                            |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]                                                                                       |
| <b>Outdoor Fan—Type</b>                      | Propeller               | Propeller               | Propeller               | Propeller                                                                                            |
| No. Used/Diameter in. [mm]                   | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]                                                                                         |
| Drive Type/No. Speeds                        | Direct/1                | Direct/1                | Direct/1                | Direct/1                                                                                             |
| CFM [L/s]                                    | 2700 [1274]             | 2700 [1274]             | 2700 [1274]             | 2700 [1274]                                                                                          |
| No. Motors/HP                                | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP                                                                                          |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                                                                                                 |
| <b>Indoor Fan—Type</b>                       | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          | FC Centrifugal                                                                                       |
| No. Used/Diameter in. [mm]                   | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]                                                                                     |
| Drive Type                                   | Direct                  | Direct                  | Direct                  | Direct                                                                                               |
| No. Speeds                                   | Multiple                | Multiple                | Multiple                | Multiple                                                                                             |
| No. Motors                                   | 1                       | 1                       | 1                       | 1                                                                                                    |
| Motor HP                                     | 1/2                     | 1/2                     | 1/2                     | 1/2                                                                                                  |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                                                                                                 |
| Motor Frame Size                             | 48                      | 48                      | 48                      | 48                                                                                                   |
| <b>Filter—Type</b>                           | Field Supplied          | Field Supplied          | Field Supplied          | Field Supplied                                                                                       |
| Furnished                                    | No                      | No                      | No                      | No                                                                                                   |
| (NO.) Size Recommended in. [mm x mm x mm]    | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610]                                                                              |
| <b>Refrigerant Charge Oz. [g]</b>            | 52.7 [1494]             | 52.7 [1494]             | 52.7 [1494]             | 52.7 [1494]                                                                                          |
| <b>Weights</b>                               |                         |                         |                         |                                                                                                      |
| Net Weight lbs. [kg]                         | 411 [186]               | 416 [189]               | 421 [191]               | 411 [186]                                                                                            |
| Ship Weight lbs. [kg]                        | 421 [191]               | 426 [193]               | 431 [196]               | 421 [191]                                                                                            |

See Page 33 for Notes.

[ ] Designates Metric Conversions





## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA15 Series                          | 036ADT081AA             | 036ADT101AA             | 036AJT061AA             | 036AJT06XAA             |
|----------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |                         | <b>CONTINUED</b> →      |
| Gross Cooling Capacity Btu [kW]              | 36,000 [10.55]          | 36,000 [10.55]          | 36,000 [10.55]          | 36,000 [10.55]          |
| EER/SEER <sup>2</sup>                        | 12/15                   | 12/15                   | 12/15                   | 12/15                   |
| Nominal CFM/AHRI Rated CFM [L/s]             | 1200/1200 [566/566]     | 1200/1200 [566/566]     | 1200/1200 [566/566]     | 1200/1200 [566/566]     |
| AHRI Net Cooling Capacity Btu [kW]           | 35,000 [10.25]          | 35,000 [10.25]          | 35,000 [10.25]          | 35,000 [10.25]          |
| Net Sensible Capacity Btu [kW]               | 25,400 [7.44]           | 25,400 [7.44]           | 25,400 [7.44]           | 25,400 [7.44]           |
| Net Latent Capacity Btu [kW]                 | 9,600 [2.81]            | 9,600 [2.81]            | 9,600 [2.81]            | 9,600 [2.81]            |
| Net System Power kW                          | 2.77                    | 2.77                    | 2.77                    | 2.77                    |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                         |                         |
| Heating Input Btu [kW]                       | 80,000 [23.44]          | 100,000 [29.3]          | 60,000 [17.58]          | 60,000 [17.58]          |
| Heating Output Btu [kW]                      | 65,000 [19.04]          | 81,000 [23.73]          | 48,000 [14.06]          | 48,000 [14.06]          |
| Temperature Rise Range °F [°C]               | 35-65 [19.4-36.1]       | 45-75 [25-41.7]         | 40-70 [22.2-38.9]       | 40-70 [22.2-38.9]       |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                      | 81                      |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                      | 82                      |
| No. Burners                                  | 3                       | 3                       | 3                       | 3                       |
| No. Stages                                   | 1                       | 1                       | 1                       | 1                       |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              |
| <b>Compressor</b>                            |                         |                         |                         |                         |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                | 1/Scroll                |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> | 76                      | 76                      | 76                      | 76                      |
| <b>Outdoor Coil—Fin Type</b>                 | Louvered                | Louvered                | Louvered                | Louvered                |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel            |
| MicroChannel Depth in. [mm]                  | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               |
| Face Area sq. ft. [sq. m]                    | 9.8 [0.91]              | 9.8 [0.91]              | 9.8 [0.91]              | 9.8 [0.91]              |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              |
| <b>Indoor Coil—Fin Type</b>                  | Louvered                | Louvered                | Louvered                | Louvered                |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel            |
| MicroChannel Depth in. [mm]                  | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                |
| Face Area sq. ft. [sq. m]                    | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              |
| Rows / FPI [FPcm]                            | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]              |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves               | TX Valves               |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          |
| <b>Outdoor Fan—Type</b>                      | Propeller               | Propeller               | Propeller               | Propeller               |
| No. Used/Diameter in. [mm]                   | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            |
| Drive Type/No. Speeds                        | Direct/1                | Direct/1                | Direct/1                | Direct/1                |
| CFM [L/s]                                    | 2700 [1274]             | 2700 [1274]             | 2700 [1274]             | 2700 [1274]             |
| No. Motors/HP                                | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                    |
| <b>Indoor Fan—Type</b>                       | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          |
| No. Used/Diameter in. [mm]                   | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]        |
| Drive Type                                   | Direct                  | Direct                  | Direct                  | Direct                  |
| No. Speeds                                   | Multiple                | Multiple                | Multiple                | Multiple                |
| No. Motors                                   | 1                       | 1                       | 1                       | 1                       |
| Motor HP                                     | 1/2                     | 1/2                     | 1/2                     | 1/2                     |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                    |
| Motor Frame Size                             | 48                      | 48                      | 48                      | 48                      |
| <b>Filter—Type</b>                           | Field Supplied          | Field Supplied          | Field Supplied          | Field Supplied          |
| Furnished                                    | No                      | No                      | No                      | No                      |
| (NO.) Size Recommended in. [mm x mm x mm]    | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] |
| <b>Refrigerant Charge Oz. [g]</b>            | 52.7 [1494]             | 52.7 [1494]             | 52.7 [1494]             | 52.7 [1494]             |
| <b>Weights</b>                               |                         |                         |                         |                         |
| Net Weight lbs. [kg]                         | 416 [189]               | 421 [191]               | 411 [186]               | 411 [186]               |
| Ship Weight lbs. [kg]                        | 426 [193]               | 431 [196]               | 421 [191]               | 421 [191]               |

See Page 33 for Notes.

[ ] Designates Metric Conversions



## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA15 Series                          | 036AJT081AA             | 036AJT08XAA             | 036AJT101AA             | 036AJT10XAA                                                                                          |
|----------------------------------------------|-------------------------|-------------------------|-------------------------|------------------------------------------------------------------------------------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |                         | <b>CONTINUED</b>  |
| Gross Cooling Capacity Btu [kW]              | 36,000 [10.55]          | 36,000 [10.55]          | 36,000 [10.55]          | 36,000 [10.55]                                                                                       |
| EER/SEER <sup>2</sup>                        | 12/15                   | 12/15                   | 12/15                   | 12/15                                                                                                |
| Nominal CFM/AHRI Rated CFM [L/s]             | 1200/1200 [566/566]     | 1200/1200 [566/566]     | 1200/1200 [566/566]     | 1200/1200 [566/566]                                                                                  |
| AHRI Net Cooling Capacity Btu [kW]           | 35,000 [10.25]          | 35,000 [10.25]          | 35,000 [10.25]          | 35,000 [10.25]                                                                                       |
| Net Sensible Capacity Btu [kW]               | 25,400 [7.44]           | 25,400 [7.44]           | 25,400 [7.44]           | 25,400 [7.44]                                                                                        |
| Net Latent Capacity Btu [kW]                 | 9,600 [2.81]            | 9,600 [2.81]            | 9,600 [2.81]            | 9,600 [2.81]                                                                                         |
| Net System Power kW                          | 2.77                    | 2.77                    | 2.77                    | 2.77                                                                                                 |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                         |                                                                                                      |
| Heating Input Btu [kW]                       | 80,000 [23.44]          | 80,000 [23.44]          | 100,000 [29.3]          | 100,000 [29.3]                                                                                       |
| Heating Output Btu [kW]                      | 65,000 [19.04]          | 65,000 [19.04]          | 81,000 [23.73]          | 81,000 [23.73]                                                                                       |
| Temperature Rise Range °F [°C]               | 35-65 [19.4-36.1]       | 35-65 [19.4-36.1]       | 45-75 [25-41.7]         | 45-75 [25-41.7]                                                                                      |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                      | 81                                                                                                   |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                      | 82                                                                                                   |
| No. Burners                                  | 3                       | 3                       | 3                       | 3                                                                                                    |
| No. Stages                                   | 1                       | 1                       | 1                       | 1                                                                                                    |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]                                                                                           |
| <b>Compressor</b>                            |                         |                         |                         |                                                                                                      |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                | 1/Scroll                                                                                             |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> | 76                      | 76                      | 76                      | 76                                                                                                   |
| <b>Outdoor Coil—Fin Type</b>                 | Louvered                | Louvered                | Louvered                | Louvered                                                                                             |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel                                                                                         |
| MicroChannel Depth in. [mm]                  | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               | 0.71 [18]                                                                                            |
| Face Area sq. ft. [sq. m]                    | 9.8 [0.91]              | 9.8 [0.91]              | 9.8 [0.91]              | 9.8 [0.91]                                                                                           |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]                                                                                           |
| <b>Indoor Coil—Fin Type</b>                  | Louvered                | Louvered                | Louvered                | Louvered                                                                                             |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel                                                                                         |
| MicroChannel Depth in. [mm]                  | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                                                                                             |
| Face Area sq. ft. [sq. m]                    | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]                                                                                           |
| Rows / FPI [FPcm]                            | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]                                                                                           |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves               | TX Valves                                                                                            |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]                                                                                       |
| <b>Outdoor Fan—Type</b>                      | Propeller               | Propeller               | Propeller               | Propeller                                                                                            |
| No. Used/Diameter in. [mm]                   | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]                                                                                         |
| Drive Type/No. Speeds                        | Direct/1                | Direct/1                | Direct/1                | Direct/1                                                                                             |
| CFM [L/s]                                    | 2700 [1274]             | 2700 [1274]             | 2700 [1274]             | 2700 [1274]                                                                                          |
| No. Motors/HP                                | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP                                                                                          |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                                                                                                 |
| <b>Indoor Fan—Type</b>                       | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          | FC Centrifugal                                                                                       |
| No. Used/Diameter in. [mm]                   | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]                                                                                     |
| Drive Type                                   | Direct                  | Direct                  | Direct                  | Direct                                                                                               |
| No. Speeds                                   | Multiple                | Multiple                | Multiple                | Multiple                                                                                             |
| No. Motors                                   | 1                       | 1                       | 1                       | 1                                                                                                    |
| Motor HP                                     | 1/2                     | 1/2                     | 1/2                     | 1/2                                                                                                  |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                                                                                                 |
| Motor Frame Size                             | 48                      | 48                      | 48                      | 48                                                                                                   |
| <b>Filter—Type</b>                           | Field Supplied          | Field Supplied          | Field Supplied          | Field Supplied                                                                                       |
| Furnished                                    | No                      | No                      | No                      | No                                                                                                   |
| (NO.) Size Recommended in. [mm x mm x mm]    | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610]                                                                              |
| <b>Refrigerant Charge Oz. [g]</b>            | 52.7 [1494]             | 52.7 [1494]             | 52.7 [1494]             | 52.7 [1494]                                                                                          |
| <b>Weights</b>                               |                         |                         |                         |                                                                                                      |
| Net Weight lbs. [kg]                         | 416 [189]               | 416 [189]               | 421 [191]               | 421 [191]                                                                                            |
| Ship Weight lbs. [kg]                        | 426 [193]               | 426 [193]               | 431 [196]               | 431 [196]                                                                                            |

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[ ] Designates Metric Conversions



## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA15 Series                          | 036AJV061AA             | 036AJV06XAA             | 036AJV081AA             | 036AJV08XAA             |
|----------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |                         | <b>CONTINUED</b> →      |
| Gross Cooling Capacity Btu [kW]              | 36,000 [10.55]          | 36,000 [10.55]          | 36,000 [10.55]          | 36,000 [10.55]          |
| EER/SEER <sup>2</sup>                        | 12/15                   | 12/15                   | 12/15                   | 12/15                   |
| Nominal CFM/AHRI Rated CFM [L/s]             | 1200/1200 [566/566]     | 1200/1200 [566/566]     | 1200/1200 [566/566]     | 1200/1200 [566/566]     |
| AHRI Net Cooling Capacity Btu [kW]           | 35,000 [10.25]          | 35,000 [10.25]          | 35,000 [10.25]          | 35,000 [10.25]          |
| Net Sensible Capacity Btu [kW]               | 25,400 [7.44]           | 25,400 [7.44]           | 25,400 [7.44]           | 25,400 [7.44]           |
| Net Latent Capacity Btu [kW]                 | 9,600 [2.81]            | 9,600 [2.81]            | 9,600 [2.81]            | 9,600 [2.81]            |
| Net System Power kW                          | 2.77                    | 2.77                    | 2.77                    | 2.77                    |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                         |                         |
| Heating Input Btu [kW]                       | 60,000 [17.58]          | 60,000 [17.58]          | 80,000 [23.44]          | 80,000 [23.44]          |
| Heating Output Btu [kW]                      | 48,000 [14.06]          | 48,000 [14.06]          | 65,000 [19.04]          | 65,000 [19.04]          |
| Temperature Rise Range °F [°C]               | 40-70 [22.2-38.9]       | 40-70 [22.2-38.9]       | 35-65 [19.4-36.1]       | 35-65 [19.4-36.1]       |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                      | 81                      |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                      | 82                      |
| No. Burners                                  | 3                       | 3                       | 3                       | 3                       |
| No. Stages                                   | 1                       | 1                       | 1                       | 1                       |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              |
| <b>Compressor</b>                            |                         |                         |                         |                         |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                | 1/Scroll                |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> | 76                      | 76                      | 76                      | 76                      |
| <b>Outdoor Coil—Fin Type</b>                 | Louvered                | Louvered                | Louvered                | Louvered                |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel            |
| MicroChannel Depth in. [mm]                  | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               |
| Face Area sq. ft. [sq. m]                    | 9.8 [0.91]              | 9.8 [0.91]              | 9.8 [0.91]              | 9.8 [0.91]              |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              |
| <b>Indoor Coil—Fin Type</b>                  | Louvered                | Louvered                | Louvered                | Louvered                |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel            |
| MicroChannel Depth in. [mm]                  | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                |
| Face Area sq. ft. [sq. m]                    | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              |
| Rows / FPI [FPcm]                            | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]              |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves               | TX Valves               |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          |
| <b>Outdoor Fan—Type</b>                      | Propeller               | Propeller               | Propeller               | Propeller               |
| No. Used/Diameter in. [mm]                   | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            |
| Drive Type/No. Speeds                        | Direct/1                | Direct/1                | Direct/1                | Direct/1                |
| CFM [L/s]                                    | 2700 [1274]             | 2700 [1274]             | 2700 [1274]             | 2700 [1274]             |
| No. Motors/HP                                | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                    |
| <b>Indoor Fan—Type</b>                       | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          |
| No. Used/Diameter in. [mm]                   | 1/10x9 [254x229]        | 1/10x9 [254x229]        | 1/10x9 [254x229]        | 1/10x9 [254x229]        |
| Drive Type                                   | Direct                  | Direct                  | Direct                  | Direct                  |
| No. Speeds                                   | Multiple                | Multiple                | Multiple                | Multiple                |
| No. Motors                                   | 1                       | 1                       | 1                       | 1                       |
| Motor HP                                     | 1/2                     | 1/2                     | 3/4                     | 3/4                     |
| Motor RPM                                    | 1050                    | 1050                    | 1050                    | 1050                    |
| Motor Frame Size                             | 48                      | 48                      | 48                      | 48                      |
| <b>Filter—Type</b>                           | Field Supplied          | Field Supplied          | Field Supplied          | Field Supplied          |
| Furnished                                    | No                      | No                      | No                      | No                      |
| (NO.) Size Recommended in. [mm x mm x mm]    | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] |
| <b>Refrigerant Charge Oz. [g]</b>            | 52.7 [1494]             | 52.7 [1494]             | 52.7 [1494]             | 52.7 [1494]             |
| <b>Weights</b>                               |                         |                         |                         |                         |
| Net Weight lbs. [kg]                         | 411 [186]               | 411 [186]               | 416 [189]               | 416 [189]               |
| Ship Weight lbs. [kg]                        | 421 [191]               | 421 [191]               | 426 [193]               | 426 [193]               |

See Page 33 for Notes.

**[ ] Designates Metric Conversions**

## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA15 Series                          | 036AJV101AA             | 036AJV10XAA             | 042ACT081AA             | 042ACT101AA                                                                                          |
|----------------------------------------------|-------------------------|-------------------------|-------------------------|------------------------------------------------------------------------------------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |                         | <b>CONTINUED</b>  |
| Gross Cooling Capacity Btu [kW]              | 36,000 [10.55]          | 36,000 [10.55]          | 41,000 [12.01]          | 41,000 [12.01]                                                                                       |
| EER/SEER <sup>2</sup>                        | 12/15                   | 12/15                   | 12/15                   | 12/15                                                                                                |
| Nominal CFM/AHRI Rated CFM [L/s]             | 1200/1200 [566/566]     | 1200/1200 [566/566]     | 1400/1300 [661/613]     | 1400/1300 [661/613]                                                                                  |
| AHRI Net Cooling Capacity Btu [kW]           | 35,000 [10.25]          | 35,000 [10.25]          | 40,000 [11.72]          | 40,000 [11.72]                                                                                       |
| Net Sensible Capacity Btu [kW]               | 25,400 [7.44]           | 25,400 [7.44]           | 28,600 [8.38]           | 28,600 [8.38]                                                                                        |
| Net Latent Capacity Btu [kW]                 | 9,600 [2.81]            | 9,600 [2.81]            | 11,400 [3.34]           | 11,400 [3.34]                                                                                        |
| Net System Power kW                          | 2.77                    | 2.77                    | 3.28                    | 3.28                                                                                                 |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                         |                                                                                                      |
| Heating Input Btu [kW]                       | 100,000 [29.3]          | 100,000 [29.3]          | 80,000 [23.44]          | 100,000 [29.3]                                                                                       |
| Heating Output Btu [kW]                      | 81,000 [23.73]          | 81,000 [23.73]          | 65,000 [19.04]          | 81,000 [23.73]                                                                                       |
| Temperature Rise Range °F [°C]               | 45-75 [25-41.7]         | 45-75 [25-41.7]         | 35-65 [19.4-36.1]       | 45-75 [25-41.7]                                                                                      |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                      | 81                                                                                                   |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                      | 82                                                                                                   |
| No. Burners                                  | 3                       | 3                       | 4                       | 4                                                                                                    |
| No. Stages                                   | 1                       | 1                       | 1                       | 1                                                                                                    |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]                                                                                           |
| <b>Compressor</b>                            |                         |                         |                         |                                                                                                      |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                | 1/Scroll                                                                                             |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> | 76                      | 76                      | 76                      | 76                                                                                                   |
| <b>Outdoor Coil—Fin Type</b>                 | Louvered                | Louvered                | Louvered                | Louvered                                                                                             |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel                                                                                         |
| MicroChannel Depth in. [mm]                  | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               | 0.71 [18]                                                                                            |
| Face Area sq. ft. [sq. m]                    | 9.8 [0.91]              | 9.8 [0.91]              | 14.1 [1.31]             | 14.1 [1.31]                                                                                          |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]                                                                                           |
| <b>Indoor Coil—Fin Type</b>                  | Louvered                | Louvered                | Louvered                | Louvered                                                                                             |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel                                                                                         |
| MicroChannel Depth in. [mm]                  | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                                                                                             |
| Face Area sq. ft. [sq. m]                    | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]                                                                                           |
| Rows / FPI [FPcm]                            | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]                                                                                           |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves               | TX Valves                                                                                            |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]                                                                                       |
| <b>Outdoor Fan—Type</b>                      | Propeller               | Propeller               | Propeller               | Propeller                                                                                            |
| No. Used/Diameter in. [mm]                   | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]                                                                                         |
| Drive Type/No. Speeds                        | Direct/1                | Direct/1                | Direct/1                | Direct/1                                                                                             |
| CFM [L/s]                                    | 2700 [1274]             | 2700 [1274]             | 3500 [1652]             | 3500 [1652]                                                                                          |
| No. Motors/HP                                | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP                                                                                          |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                                                                                                 |
| <b>Indoor Fan—Type</b>                       | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          | FC Centrifugal                                                                                       |
| No. Used/Diameter in. [mm]                   | 1/10x9 [254x229]        | 1/10x9 [254x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]                                                                                     |
| Drive Type                                   | Direct                  | Direct                  | Direct                  | Direct                                                                                               |
| No. Speeds                                   | Multiple                | Multiple                | Multiple                | Multiple                                                                                             |
| No. Motors                                   | 1                       | 1                       | 1                       | 1                                                                                                    |
| Motor HP                                     | 3/4                     | 3/4                     | 3/4                     | 3/4                                                                                                  |
| Motor RPM                                    | 1050                    | 1050                    | 1075                    | 1075                                                                                                 |
| Motor Frame Size                             | 48                      | 48                      | 48                      | 48                                                                                                   |
| <b>Filter—Type</b>                           | Field Supplied          | Field Supplied          | Field Supplied          | Field Supplied                                                                                       |
| Furnished                                    | No                      | No                      | No                      | No                                                                                                   |
| (NO.) Size Recommended in. [mm x mm x mm]    | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610]                                                                              |
| <b>Refrigerant Charge Oz. [g]</b>            | 52.7 [1494]             | 52.7 [1494]             | 61.3 [1738]             | 61.3 [1738]                                                                                          |
| <b>Weights</b>                               |                         |                         |                         |                                                                                                      |
| Net Weight lbs. [kg]                         | 421 [191]               | 421 [191]               | 445 [202]               | 450 [204]                                                                                            |
| Ship Weight lbs. [kg]                        | 431 [196]               | 431 [196]               | 455 [206]               | 460 [209]                                                                                            |

See Page 33 for Notes.

[ ] Designates Metric Conversions



## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA15 Series                          | 042AJT081AA             | 042AJT08XAA             | 042AJT101AA             | 042AJT10XAA                                                                                          |
|----------------------------------------------|-------------------------|-------------------------|-------------------------|------------------------------------------------------------------------------------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |                         | <b>CONTINUED</b>  |
| Gross Cooling Capacity Btu [kW]              | 41,000 [12.01]          | 41,000 [12.01]          | 41,000 [12.01]          | 41,000 [12.01]                                                                                       |
| EER/SEER <sup>2</sup>                        | 12/15                   | 12/15                   | 12/15                   | 12/15                                                                                                |
| Nominal CFM/AHRI Rated CFM [L/s]             | 1400/1300 [661/613]     | 1400/1300 [661/613]     | 1400/1300 [661/613]     | 1400/1300 [661/613]                                                                                  |
| AHRI Net Cooling Capacity Btu [kW]           | 40,000 [11.72]          | 40,000 [11.72]          | 40,000 [11.72]          | 40,000 [11.72]                                                                                       |
| Net Sensible Capacity Btu [kW]               | 28,600 [8.38]           | 28,600 [8.38]           | 28,600 [8.38]           | 28,600 [8.38]                                                                                        |
| Net Latent Capacity Btu [kW]                 | 11,400 [3.34]           | 11,400 [3.34]           | 11,400 [3.34]           | 11,400 [3.34]                                                                                        |
| Net System Power kW                          | 3.28                    | 3.28                    | 3.28                    | 3.28                                                                                                 |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                         |                                                                                                      |
| Heating Input Btu [kW]                       | 80,000 [23.44]          | 80,000 [23.44]          | 100,000 [29.3]          | 100,000 [29.3]                                                                                       |
| Heating Output Btu [kW]                      | 65,000 [19.04]          | 65,000 [19.04]          | 81,000 [23.73]          | 81,000 [23.73]                                                                                       |
| Temperature Rise Range °F [°C]               | 35-65 [19.4-36.1]       | 35-65 [19.4-36.1]       | 45-75 [25-41.7]         | 45-75 [25-41.7]                                                                                      |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                      | 81                                                                                                   |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                      | 82                                                                                                   |
| No. Burners                                  | 4                       | 4                       | 4                       | 4                                                                                                    |
| No. Stages                                   | 1                       | 1                       | 1                       | 1                                                                                                    |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]                                                                                           |
| <b>Compressor</b>                            |                         |                         |                         |                                                                                                      |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                | 1/Scroll                                                                                             |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> | 76                      | 76                      | 76                      | 76                                                                                                   |
| <b>Outdoor Coil—Fin Type</b>                 | Louvered                | Louvered                | Louvered                | Louvered                                                                                             |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel                                                                                         |
| MicroChannel Depth in. [mm]                  | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               | 0.71 [18]                                                                                            |
| Face Area sq. ft. [sq. m]                    | 14.1 [1.31]             | 14.1 [1.31]             | 14.1 [1.31]             | 14.1 [1.31]                                                                                          |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]                                                                                           |
| <b>Indoor Coil—Fin Type</b>                  | Louvered                | Louvered                | Louvered                | Louvered                                                                                             |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel                                                                                         |
| MicroChannel Depth in. [mm]                  | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                                                                                             |
| Face Area sq. ft. [sq. m]                    | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]                                                                                           |
| Rows / FPI [FPcm]                            | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]                                                                                           |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves               | TX Valves                                                                                            |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]                                                                                       |
| <b>Outdoor Fan—Type</b>                      | Propeller               | Propeller               | Propeller               | Propeller                                                                                            |
| No. Used/Diameter in. [mm]                   | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]                                                                                         |
| Drive Type/No. Speeds                        | Direct/1                | Direct/1                | Direct/1                | Direct/1                                                                                             |
| CFM [L/s]                                    | 3500 [1652]             | 3500 [1652]             | 3500 [1652]             | 3500 [1652]                                                                                          |
| No. Motors/HP                                | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP                                                                                          |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                                                                                                 |
| <b>Indoor Fan—Type</b>                       | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          | FC Centrifugal                                                                                       |
| No. Used/Diameter in. [mm]                   | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]                                                                                     |
| Drive Type                                   | Direct                  | Direct                  | Direct                  | Direct                                                                                               |
| No. Speeds                                   | Multiple                | Multiple                | Multiple                | Multiple                                                                                             |
| No. Motors                                   | 1                       | 1                       | 1                       | 1                                                                                                    |
| Motor HP                                     | 3/4                     | 3/4                     | 3/4                     | 3/4                                                                                                  |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                                                                                                 |
| Motor Frame Size                             | 48                      | 48                      | 48                      | 48                                                                                                   |
| <b>Filter—Type</b>                           | Field Supplied          | Field Supplied          | Field Supplied          | Field Supplied                                                                                       |
| Furnished                                    | No                      | No                      | No                      | No                                                                                                   |
| (NO.) Size Recommended in. [mm x mm x mm]    | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610]                                                                              |
| <b>Refrigerant Charge Oz. [g]</b>            | 61.3 [1738]             | 61.3 [1738]             | 61.3 [1738]             | 61.3 [1738]                                                                                          |
| <b>Weights</b>                               |                         |                         |                         |                                                                                                      |
| Net Weight lbs. [kg]                         | 445 [202]               | 445 [202]               | 450 [204]               | 450 [204]                                                                                            |
| Ship Weight lbs. [kg]                        | 455 [206]               | 455 [206]               | 460 [209]               | 460 [209]                                                                                            |

See Page 33 for Notes.

**[ ] Designates Metric Conversions**

## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA15 Series                          | 042AJV081AA             | 042AJV08XAA             | 042AJV101AA             | 042AJV10XAA                                                                                          |
|----------------------------------------------|-------------------------|-------------------------|-------------------------|------------------------------------------------------------------------------------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |                         | <b>CONTINUED</b>  |
| Gross Cooling Capacity Btu [kW]              | 41,000 [12.01]          | 41,000 [12.01]          | 41,000 [12.01]          | 41,000 [12.01]                                                                                       |
| EER/SEER <sup>2</sup>                        | 12/15                   | 12/15                   | 12/15                   | 12/15                                                                                                |
| Nominal CFM/AHRI Rated CFM [L/s]             | 1400/1300 [661/613]     | 1400/1300 [661/613]     | 1400/1300 [661/613]     | 1400/1300 [661/613]                                                                                  |
| AHRI Net Cooling Capacity Btu [kW]           | 40,000 [11.72]          | 40,000 [11.72]          | 40,000 [11.72]          | 40,000 [11.72]                                                                                       |
| Net Sensible Capacity Btu [kW]               | 28,600 [8.38]           | 28,600 [8.38]           | 28,600 [8.38]           | 28,600 [8.38]                                                                                        |
| Net Latent Capacity Btu [kW]                 | 11,400 [3.34]           | 11,400 [3.34]           | 11,400 [3.34]           | 11,400 [3.34]                                                                                        |
| Net System Power kW                          | 3.28                    | 3.28                    | 3.28                    | 3.28                                                                                                 |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                         |                                                                                                      |
| Heating Input Btu [kW]                       | 80,000 [23.44]          | 80,000 [23.44]          | 100,000 [29.3]          | 100,000 [29.3]                                                                                       |
| Heating Output Btu [kW]                      | 65,000 [19.04]          | 65,000 [19.04]          | 81,000 [23.73]          | 81,000 [23.73]                                                                                       |
| Temperature Rise Range °F [°C]               | 35-65 [19.4-36.1]       | 35-65 [19.4-36.1]       | 45-75 [25-41.7]         | 45-75 [25-41.7]                                                                                      |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                      | 81                                                                                                   |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                      | 82                                                                                                   |
| No. Burners                                  | 4                       | 4                       | 4                       | 4                                                                                                    |
| No. Stages                                   | 1                       | 1                       | 1                       | 1                                                                                                    |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]                                                                                           |
| <b>Compressor</b>                            |                         |                         |                         |                                                                                                      |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                | 1/Scroll                                                                                             |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> | 76                      | 76                      | 76                      | 76                                                                                                   |
| <b>Outdoor Coil—Fin Type</b>                 | Louvered                | Louvered                | Louvered                | Louvered                                                                                             |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel                                                                                         |
| MicroChannel Depth in. [mm]                  | 0.71 [18]               | 0.71 [18]               | 0.71 [18]               | 0.71 [18]                                                                                            |
| Face Area sq. ft. [sq. m]                    | 14.1 [1.31]             | 14.1 [1.31]             | 14.1 [1.31]             | 14.1 [1.31]                                                                                          |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]                                                                                           |
| <b>Indoor Coil—Fin Type</b>                  | Louvered                | Louvered                | Louvered                | Louvered                                                                                             |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel                                                                                         |
| MicroChannel Depth in. [mm]                  | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                | 1 [25.4]                                                                                             |
| Face Area sq. ft. [sq. m]                    | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]              | 3.6 [0.33]                                                                                           |
| Rows / FPI [FPcm]                            | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]              | 1 / 17 [7]                                                                                           |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves               | TX Valves                                                                                            |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]                                                                                       |
| <b>Outdoor Fan—Type</b>                      | Propeller               | Propeller               | Propeller               | Propeller                                                                                            |
| No. Used/Diameter in. [mm]                   | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]                                                                                         |
| Drive Type/No. Speeds                        | Direct/1                | Direct/1                | Direct/1                | Direct/1                                                                                             |
| CFM [L/s]                                    | 3500 [1652]             | 3500 [1652]             | 3500 [1652]             | 3500 [1652]                                                                                          |
| No. Motors/HP                                | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP                                                                                          |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                                                                                                 |
| <b>Indoor Fan—Type</b>                       | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          | FC Centrifugal                                                                                       |
| No. Used/Diameter in. [mm]                   | 1/10x9 [254x229]        | 1/10x9 [254x229]        | 1/10x9 [254x229]        | 1/10x9 [254x229]                                                                                     |
| Drive Type                                   | Direct                  | Direct                  | Direct                  | Direct                                                                                               |
| No. Speeds                                   | Multiple                | Multiple                | Multiple                | Multiple                                                                                             |
| No. Motors                                   | 1                       | 1                       | 1                       | 1                                                                                                    |
| Motor HP                                     | 3/4                     | 3/4                     | 3/4                     | 3/4                                                                                                  |
| Motor RPM                                    | 1050                    | 1050                    | 1050                    | 1050                                                                                                 |
| Motor Frame Size                             | 48                      | 48                      | 48                      | 48                                                                                                   |
| <b>Filter—Type</b>                           | Field Supplied          | Field Supplied          | Field Supplied          | Field Supplied                                                                                       |
| Furnished                                    | No                      | No                      | No                      | No                                                                                                   |
| (NO.) Size Recommended in. [mm x mm x mm]    | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610]                                                                              |
| <b>Refrigerant Charge Oz. [g]</b>            | 61.3 [1738]             | 61.3 [1738]             | 61.3 [1738]             | 61.3 [1738]                                                                                          |
| <b>Weights</b>                               |                         |                         |                         |                                                                                                      |
| Net Weight lbs. [kg]                         | 445 [202]               | 445 [202]               | 450 [204]               | 450 [204]                                                                                            |
| Ship Weight lbs. [kg]                        | 455 [206]               | 455 [206]               | 460 [209]               | 460 [209]                                                                                            |

See Page 33 for Notes.

[ ] Designates Metric Conversions



## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA15 Series                          | 048ACT081AA             | 048ACT101AA             | 048ADT101AA             | 048AJT081AA             |
|----------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |                         | <b>CONTINUED</b> →      |
| Gross Cooling Capacity Btu [kW]              | 47,500 [13.92]          | 47,500 [13.92]          | 47,500 [13.92]          | 47,500 [13.92]          |
| EER/SEER <sup>2</sup>                        | 12/15                   | 12/15                   | 12/15                   | 12/15                   |
| Nominal CFM/AHRI Rated CFM [L/s]             | 1600/1550 [755/731]     | 1600/1550 [755/731]     | 1600/1550 [755/731]     | 1600/1550 [755/731]     |
| AHRI Net Cooling Capacity Btu [kW]           | 46,000 [13.48]          | 46,000 [13.48]          | 46,000 [13.48]          | 46,000 [13.48]          |
| Net Sensible Capacity Btu [kW]               | 33,000 [9.67]           | 33,000 [9.67]           | 33,000 [9.67]           | 33,000 [9.67]           |
| Net Latent Capacity Btu [kW]                 | 13,000 [3.81]           | 13,000 [3.81]           | 13,000 [3.81]           | 13,000 [3.81]           |
| Net System Power kW                          | 3.66                    | 3.66                    | 3.66                    | 3.66                    |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                         |                         |
| Heating Input Btu [kW]                       | 80,000 [23.44]          | 100,000 [29.3]          | 100,000 [29.3]          | 80,000 [23.44]          |
| Heating Output Btu [kW]                      | 65,000 [19.04]          | 81,000 [23.73]          | 81,000 [23.73]          | 65,000 [19.04]          |
| Temperature Rise Range °F [°C]               | 35-65 [19.4-36.1]       | 45-75 [25-41.7]         | 45-75 [25-41.7]         | 35-65 [19.4-36.1]       |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                      | 81                      |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                      | 82                      |
| No. Burners                                  | 4                       | 4                       | 4                       | 4                       |
| No. Stages                                   | 1                       | 1                       | 1                       | 1                       |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              |
| <b>Compressor</b>                            |                         |                         |                         |                         |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                | 1/Scroll                |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> | 78                      | 78                      | 78                      | 78                      |
| <b>Outdoor Coil—Fin Type</b>                 | Louvered                | Louvered                | Louvered                | Louvered                |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel            |
| MicroChannel Depth in. [mm]                  | 0.71 [18]               | 0.71 [18]               | 0.7 [17.8]              | 0.7 [17.8]              |
| Face Area sq. ft. [sq. m]                    | 16.3 [1.51]             | 16.3 [1.51]             | 16.3 [1.51]             | 16.3 [1.51]             |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              |
| <b>Indoor Coil—Fin Type</b>                  | Louvered                | Louvered                | Louvered                | Louvered                |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel            |
| MicroChannel Depth in. [mm]                  | 1.26 [32]               | 1.26 [32]               | 1.26 [32]               | 1.26 [32]               |
| Face Area sq. ft. [sq. m]                    | 4.1 [0.38]              | 4.1 [0.38]              | 4.1 [0.38]              | 4.1 [0.38]              |
| Rows / FPI [FPcm]                            | 1 / 20 [8]              | 1 / 20 [8]              | 1 / 20 [8]              | 1 / 20 [8]              |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves               | TX Valves               |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          |
| <b>Outdoor Fan—Type</b>                      | Propeller               | Propeller               | Propeller               | Propeller               |
| No. Used/Diameter in. [mm]                   | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            |
| Drive Type/No. Speeds                        | Direct/1                | Direct/1                | Direct/1                | Direct/1                |
| CFM [L/s]                                    | 3300 [1557]             | 3300 [1557]             | 3300 [1557]             | 3300 [1557]             |
| No. Motors/HP                                | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                    |
| <b>Indoor Fan—Type</b>                       | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          |
| No. Used/Diameter in. [mm]                   | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]        |
| Drive Type                                   | Direct                  | Direct                  | Direct                  | Direct                  |
| No. Speeds                                   | Multiple                | Multiple                | Multiple                | Multiple                |
| No. Motors                                   | 1                       | 1                       | 1                       | 1                       |
| Motor HP                                     | 3/4                     | 3/4                     | 3/4                     | 3/4                     |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                    |
| Motor Frame Size                             | 48                      | 48                      | 48                      | 48                      |
| <b>Filter—Type</b>                           | Field Supplied          | Field Supplied          | Field Supplied          | Field Supplied          |
| Furnished                                    | No                      | No                      | No                      | No                      |
| (NO.) Size Recommended in. [mm x mm x mm]    | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] |
| <b>Refrigerant Charge Oz. [g]</b>            | 85.3 [2418]             | 85.3 [2418]             | 85.3 [2418]             | 85.3 [2418]             |
| <b>Weights</b>                               |                         |                         |                         |                         |
| Net Weight lbs. [kg]                         | 492 [223]               | 497 [225]               | 497 [225]               | 492 [223]               |
| Ship Weight lbs. [kg]                        | 502 [228]               | 507 [230]               | 507 [230]               | 502 [228]               |

See Page 33 for Notes.

**[ ] Designates Metric Conversions**

## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA15 Series                          | 048AJT08XAA             | 048AJT101AA             | 048AJT10XAA             | 048AJV081AA                                                                                          |
|----------------------------------------------|-------------------------|-------------------------|-------------------------|------------------------------------------------------------------------------------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         |                         | <b>CONTINUED</b>  |
| Gross Cooling Capacity Btu [kW]              | 47,500 [13.92]          | 47,500 [13.92]          | 47,500 [13.92]          | 47,500 [13.92]                                                                                       |
| EER/SEER <sup>2</sup>                        | 12/15                   | 12/15                   | 12/15                   | 12/15                                                                                                |
| Nominal CFM/AHRI Rated CFM [L/s]             | 1600/1550 [755/731]     | 1600/1550 [755/731]     | 1600/1550 [755/731]     | 1600/1550 [755/731]                                                                                  |
| AHRI Net Cooling Capacity Btu [kW]           | 46,000 [13.48]          | 46,000 [13.48]          | 46,000 [13.48]          | 46,000 [13.48]                                                                                       |
| Net Sensible Capacity Btu [kW]               | 33,000 [9.67]           | 33,000 [9.67]           | 33,000 [9.67]           | 33,000 [9.67]                                                                                        |
| Net Latent Capacity Btu [kW]                 | 13,000 [3.81]           | 13,000 [3.81]           | 13,000 [3.81]           | 13,000 [3.81]                                                                                        |
| Net System Power kW                          | 3.66                    | 3.66                    | 3.66                    | 3.66                                                                                                 |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                         |                                                                                                      |
| Heating Input Btu [kW]                       | 80,000 [23.44]          | 100,000 [29.3]          | 100,000 [29.3]          | 80,000 [23.44]                                                                                       |
| Heating Output Btu [kW]                      | 65,000 [19.04]          | 81,000 [23.73]          | 81,000 [23.73]          | 65,000 [19.04]                                                                                       |
| Temperature Rise Range °F [°C]               | 35-65 [19.4-36.1]       | 45-75 [25-41.7]         | 45-75 [25-41.7]         | 35-65 [19.4-36.1]                                                                                    |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                      | 81                                                                                                   |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                      | 82                                                                                                   |
| No. Burners                                  | 4                       | 4                       | 4                       | 4                                                                                                    |
| No. Stages                                   | 1                       | 1                       | 1                       | 1                                                                                                    |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]                                                                                           |
| <b>Compressor</b>                            |                         |                         |                         |                                                                                                      |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                | 1/Scroll                                                                                             |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> | 78                      | 78                      | 78                      | 78                                                                                                   |
| <b>Outdoor Coil—Fin Type</b>                 | Louvered                | Louvered                | Louvered                | Louvered                                                                                             |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel                                                                                         |
| MicroChannel Depth in. [mm]                  | 0.7 [17.8]              | 0.7 [17.8]              | 0.7 [17.8]              | 0.7 [17.8]                                                                                           |
| Face Area sq. ft. [sq. m]                    | 16.3 [1.51]             | 16.3 [1.51]             | 16.3 [1.51]             | 16.3 [1.51]                                                                                          |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]                                                                                           |
| <b>Indoor Coil—Fin Type</b>                  | Louvered                | Louvered                | Louvered                | Louvered                                                                                             |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel            | MicroChannel                                                                                         |
| MicroChannel Depth in. [mm]                  | 1.26 [32]               | 1.26 [32]               | 1.26 [32]               | 1.26 [32]                                                                                            |
| Face Area sq. ft. [sq. m]                    | 4.1 [0.38]              | 4.1 [0.38]              | 4.1 [0.38]              | 4.1 [0.38]                                                                                           |
| Rows / FPI [FPcm]                            | 1 / 20 [8]              | 1 / 20 [8]              | 1 / 20 [8]              | 1 / 20 [8]                                                                                           |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves               | TX Valves                                                                                            |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]                                                                                       |
| <b>Outdoor Fan—Type</b>                      | Propeller               | Propeller               | Propeller               | Propeller                                                                                            |
| No. Used/Diameter in. [mm]                   | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]                                                                                         |
| Drive Type/No. Speeds                        | Direct/1                | Direct/1                | Direct/1                | Direct/1                                                                                             |
| CFM [L/s]                                    | 3300 [1557]             | 3300 [1557]             | 3300 [1557]             | 3300 [1557]                                                                                          |
| No. Motors/HP                                | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP                                                                                          |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1075                                                                                                 |
| <b>Indoor Fan—Type</b>                       | FC Centrifugal          | FC Centrifugal          | FC Centrifugal          | FC Centrifugal                                                                                       |
| No. Used/Diameter in. [mm]                   | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]                                                                                     |
| Drive Type                                   | Direct                  | Direct                  | Direct                  | Direct                                                                                               |
| No. Speeds                                   | Multiple                | Multiple                | Multiple                | Multiple                                                                                             |
| No. Motors                                   | 1                       | 1                       | 1                       | 1                                                                                                    |
| Motor HP                                     | 3/4                     | 3/4                     | 3/4                     | 1                                                                                                    |
| Motor RPM                                    | 1075                    | 1075                    | 1075                    | 1050                                                                                                 |
| Motor Frame Size                             | 48                      | 48                      | 48                      | 48                                                                                                   |
| <b>Filter—Type</b>                           | Field Supplied          | Field Supplied          | Field Supplied          | Field Supplied                                                                                       |
| Furnished                                    | No                      | No                      | No                      | No                                                                                                   |
| (NO.) Size Recommended in. [mm x mm x mm]    | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610]                                                                              |
| <b>Refrigerant Charge Oz. [g]</b>            | 85.3 [2418]             | 85.3 [2418]             | 85.3 [2418]             | 85.3 [2418]                                                                                          |
| <b>Weights</b>                               |                         |                         |                         |                                                                                                      |
| Net Weight lbs. [kg]                         | 492 [223]               | 497 [225]               | 497 [225]               | 492 [223]                                                                                            |
| Ship Weight lbs. [kg]                        | 502 [228]               | 507 [230]               | 507 [230]               | 502 [228]                                                                                            |

See Page 33 for Notes.

[ ] Designates Metric Conversions



## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA15 Series                          | 048AJV08XAA             | 048AJV101AA             | 048AJV10XAA                                                                                          |
|----------------------------------------------|-------------------------|-------------------------|------------------------------------------------------------------------------------------------------|
| <b>Cooling Performance<sup>1</sup></b>       |                         |                         | <b>CONTINUED</b>  |
| Gross Cooling Capacity Btu [kW]              | 47,500 [13.92]          | 47,500 [13.92]          | 47,500 [13.92]                                                                                       |
| EER/SEER <sup>2</sup>                        | 12/15                   | 12/15                   | 12/15                                                                                                |
| Nominal CFM/AHRI Rated CFM [L/s]             | 1600/1550 [755/731]     | 1600/1550 [755/731]     | 1600/1550 [755/731]                                                                                  |
| AHRI Net Cooling Capacity Btu [kW]           | 46,000 [13.48]          | 46,000 [13.48]          | 46,000 [13.48]                                                                                       |
| Net Sensible Capacity Btu [kW]               | 33,000 [9.67]           | 33,000 [9.67]           | 33,000 [9.67]                                                                                        |
| Net Latent Capacity Btu [kW]                 | 13,000 [3.81]           | 13,000 [3.81]           | 13,000 [3.81]                                                                                        |
| Net System Power kW                          | 3.66                    | 3.66                    | 3.66                                                                                                 |
| <b>Heating Performance (Gas)<sup>3</sup></b> |                         |                         |                                                                                                      |
| Heating Input Btu [kW]                       | 80,000 [23.44]          | 100,000 [29.3]          | 100,000 [29.3]                                                                                       |
| Heating Output Btu [kW]                      | 65,000 [19.04]          | 81,000 [23.73]          | 81,000 [23.73]                                                                                       |
| Temperature Rise Range °F [°C]               | 35-65 [19.4-36.1]       | 45-75 [25-41.7]         | 45-75 [25-41.7]                                                                                      |
| AFUE % <sup>4</sup>                          | 81                      | 81                      | 81                                                                                                   |
| Steady State Efficiency (%)                  | 82                      | 82                      | 82                                                                                                   |
| No. Burners                                  | 4                       | 4                       | 4                                                                                                    |
| No. Stages                                   | 1                       | 1                       | 1                                                                                                    |
| Gas Connection Pipe Size in. [mm]            | 0.5 [12.7]              | 0.5 [12.7]              | 0.5 [12.7]                                                                                           |
| <b>Compressor</b>                            |                         |                         |                                                                                                      |
| No./Type                                     | 1/Scroll                | 1/Scroll                | 1/Scroll                                                                                             |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b> | 78                      | 78                      | 78                                                                                                   |
| <b>Outdoor Coil—Fin Type</b>                 | Louvered                | Louvered                | Louvered                                                                                             |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel                                                                                         |
| MicroChannel Depth in. [mm]                  | 0.7 [17.8]              | 0.7 [17.8]              | 0.7 [17.8]                                                                                           |
| Face Area sq. ft. [sq. m]                    | 16.3 [1.51]             | 16.3 [1.51]             | 16.3 [1.51]                                                                                          |
| Rows / FPI [FPcm]                            | 1 / 23 [9]              | 1 / 23 [9]              | 1 / 23 [9]                                                                                           |
| <b>Indoor Coil—Fin Type</b>                  | Louvered                | Louvered                | Louvered                                                                                             |
| Tube Type                                    | MicroChannel            | MicroChannel            | MicroChannel                                                                                         |
| MicroChannel Depth in. [mm]                  | 1.26 [32]               | 1.26 [32]               | 1.26 [32]                                                                                            |
| Face Area sq. ft. [sq. m]                    | 4.1 [0.38]              | 4.1 [0.38]              | 4.1 [0.38]                                                                                           |
| Rows / FPI [FPcm]                            | 1 / 20 [8]              | 1 / 20 [8]              | 1 / 20 [8]                                                                                           |
| Refrigerant Control                          | TX Valves               | TX Valves               | TX Valves                                                                                            |
| Drain Connection No./Size in. [mm]           | 1/0.75 [19.05]          | 1/0.75 [19.05]          | 1/0.75 [19.05]                                                                                       |
| <b>Outdoor Fan—Type</b>                      | Propeller               | Propeller               | Propeller                                                                                            |
| No. Used/Diameter in. [mm]                   | 1/22 [558.8]            | 1/22 [558.8]            | 1/22 [558.8]                                                                                         |
| Drive Type/No. Speeds                        | Direct/1                | Direct/1                | Direct/1                                                                                             |
| CFM [L/s]                                    | 3300 [1557]             | 3300 [1557]             | 3300 [1557]                                                                                          |
| No. Motors/HP                                | 1 at 1/3 HP             | 1 at 1/3 HP             | 1 at 1/3 HP                                                                                          |
| Motor RPM                                    | 1075                    | 1075                    | 1075                                                                                                 |
| <b>Indoor Fan—Type</b>                       | FC Centrifugal          | FC Centrifugal          | FC Centrifugal                                                                                       |
| No. Used/Diameter in. [mm]                   | 1/12x9 [305x229]        | 1/12x9 [305x229]        | 1/12x9 [305x229]                                                                                     |
| Drive Type                                   | Direct                  | Direct                  | Direct                                                                                               |
| No. Speeds                                   | Multiple                | Multiple                | Multiple                                                                                             |
| No. Motors                                   | 1                       | 1                       | 1                                                                                                    |
| Motor HP                                     | 1                       | 1                       | 1                                                                                                    |
| Motor RPM                                    | 1050                    | 1050                    | 1050                                                                                                 |
| Motor Frame Size                             | 48                      | 48                      | 48                                                                                                   |
| <b>Filter—Type</b>                           | Field Supplied          | Field Supplied          | Field Supplied                                                                                       |
| Furnished                                    | No                      | No                      | No                                                                                                   |
| (NO.) Size Recommended in. [mm x mm x mm]    | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610] | (1)1x24x24 [25x610x610]                                                                              |
| <b>Refrigerant Charge Oz. [g]</b>            | 85.3 [2418]             | 85.3 [2418]             | 85.3 [2418]                                                                                          |
| <b>Weights</b>                               |                         |                         |                                                                                                      |
| Net Weight lbs. [kg]                         | 492 [223]               | 497 [225]               | 497 [225]                                                                                            |
| Ship Weight lbs. [kg]                        | 502 [228]               | 507 [230]               | 507 [230]                                                                                            |

See Page 33 for Notes.

**[ ] Designates Metric Conversions**

## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA15 Series                                  | 060ACT101AA               | 060ADT101AA               | 060AJT101AA               | 060AJT10XAA               |
|------------------------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| <b>Cooling Performance<sup>1</sup></b>               |                           |                           |                           | <b>CONTINUED</b> →        |
| Gross Cooling Capacity (2nd Stage) Btu [kW]          | 59,500 [17.43]            | 59,500 [17.43]            | 59,500 [17.43]            | 59,500 [17.43]            |
| SEER <sup>2</sup>                                    | 15                        | 15                        | 15                        | 15                        |
| EER (1st Stage/2nd Stage)                            | 20/11                     | 20/11                     | 20/11                     | 20/11                     |
| AHRI Rated CFM (1st / 2nd stage) [L/s]               | 1250/1850 [590/873]       | 1250/1850 [590/873]       | 1250/1850 [590/873]       | 1250/1850 [590/873]       |
| AHRI Net Cooling Capacity (1st / 2nd stage) Btu [kW] | 49,500/57,000 [14.5/16.7] | 49,500/57,000 [14.5/16.7] | 49,500/57,000 [14.5/16.7] | 49,500/57,000 [14.5/16.7] |
| Net Sensible Capacity (1st / 2nd stage) Btu [kW]     | 33,800/40,700 [9.9/11.92] | 33,800/40,700 [9.9/11.92] | 33,800/40,700 [9.9/11.92] | 33,800/40,700 [9.9/11.92] |
| Net Latent Capacity (1st / 2nd stage) Btu [kW]       | 15,700/16,300 [4.6/4.78]  | 15,700/16,300 [4.6/4.78]  | 15,700/16,300 [4.6/4.78]  | 15,700/16,300 [4.6/4.78]  |
| Net System Power (1st / 2nd stage) kW                | 2.14/5.02                 | 2.14/5.02                 | 2.14/5.02                 | 2.14/5.02                 |
| <b>Heating Performance (Gas)<sup>3</sup></b>         |                           |                           |                           |                           |
| Heating Input Btu [kW]                               | 100,000 [29.3]            | 100,000 [29.3]            | 100,000 [29.3]            | 100,000 [29.3]            |
| Heating Output Btu [kW]                              | 81,000 [23.73]            | 81,000 [23.73]            | 81,000 [23.73]            | 81,000 [23.73]            |
| Temperature Rise Range °F [°C]                       | 45-75 [25-41.7]           | 45-75 [25-41.7]           | 45-75 [25-41.7]           | 45-75 [25-41.7]           |
| AFUE % <sup>4</sup>                                  | 81                        | 81                        | 81                        | 81                        |
| Steady State Efficiency (%)                          | 82                        | 82                        | 82                        | 82                        |
| No. Burners                                          | 5                         | 5                         | 5                         | 5                         |
| No. Stages                                           | 1                         | 1                         | 1                         | 1                         |
| Gas Connection Pipe Size in. [mm]                    | 0.5 [12.7]                | 0.5 [12.7]                | 0.5 [12.7]                | 0.5 [12.7]                |
| <b>Compressor</b>                                    |                           |                           |                           |                           |
| No./Type                                             | 1/Scroll                  | 1/Scroll                  | 1/Scroll                  | 1/Scroll                  |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b>         | 78                        | 78                        | 78                        | 78                        |
| <b>Outdoor Coil—Fin Type</b>                         | Louvered                  | Louvered                  | Louvered                  | Louvered                  |
| Tube Type                                            | MicroChannel              | MicroChannel              | MicroChannel              | MicroChannel              |
| MicroChannel Depth in. [mm]                          | 1 [25.4]                  | 1 [25.4]                  | 1 [25.4]                  | 1 [25.4]                  |
| Face Area sq. ft. [sq. m]                            | 15.3 [1.42]               | 15.3 [1.42]               | 15.3 [1.42]               | 15.3 [1.42]               |
| Rows / FPI [FPcm]                                    | 1 / 23 [9]                | 1 / 23 [9]                | 1 / 23 [9]                | 1 / 23 [9]                |
| <b>Indoor Coil—Fin Type</b>                          | Louvered                  | Louvered                  | Louvered                  | Louvered                  |
| Tube Type                                            | MicroChannel              | MicroChannel              | MicroChannel              | MicroChannel              |
| MicroChannel Depth in. [mm]                          | 1.26 [32]                 | 1.26 [32]                 | 1.26 [32]                 | 1.26 [32]                 |
| Face Area sq. ft. [sq. m]                            | 4 [0.37]                  | 4 [0.37]                  | 4 [0.37]                  | 4 [0.37]                  |
| Rows / FPI [FPcm]                                    | 1 / 20 [8]                | 1 / 20 [8]                | 1 / 20 [8]                | 1 / 20 [8]                |
| Refrigerant Control                                  | TX Valves                 | TX Valves                 | TX Valves                 | TX Valves                 |
| Drain Connection No./Size in. [mm]                   | 1/0.75 [19.05]            | 1/0.75 [19.05]            | 1/0.75 [19.05]            | 1/0.75 [19.05]            |
| <b>Outdoor Fan—Type</b>                              | Propeller                 | Propeller                 | Propeller                 | Propeller                 |
| No. Used/Diameter in. [mm]                           | 1/22 [558.8]              | 1/22 [558.8]              | 1/22 [558.8]              | 1/22 [558.8]              |
| Drive Type/No. Speeds                                | Direct/1                  | Direct/1                  | Direct/1                  | Direct/1                  |
| CFM [L/s]                                            | 3300 [1557]               | 3300 [1557]               | 3300 [1557]               | 3300 [1557]               |
| No. Motors/HP                                        | 1 at 1/3 HP               | 1 at 1/3 HP               | 1 at 1/3 HP               | 1 at 1/3 HP               |
| Motor RPM                                            | 1075                      | 1075                      | 1075                      | 1075                      |
| <b>Indoor Fan—Type</b>                               | FC Centrifugal            | FC Centrifugal            | FC Centrifugal            | FC Centrifugal            |
| No. Used/Diameter in. [mm]                           | 1/12x9 [305x229]          | 1/12x9 [305x229]          | 1/12x9 [305x229]          | 1/12x9 [305x229]          |
| Drive Type                                           | Direct                    | Direct                    | Direct                    | Direct                    |
| No. Speeds                                           | Multiple                  | Multiple                  | Multiple                  | Multiple                  |
| No. Motors                                           | 1                         | 1                         | 1                         | 1                         |
| Motor HP                                             | 1                         | 1                         | 1                         | 1                         |
| Motor RPM                                            | 1075                      | 1075                      | 1075                      | 1075                      |
| Motor Frame Size                                     | 48                        | 48                        | 48                        | 48                        |
| <b>Filter—Type</b>                                   | Field Supplied            | Field Supplied            | Field Supplied            | Field Supplied            |
| Furnished                                            | No                        | No                        | No                        | No                        |
| (NO.) Size Recommended in. [mm x mm x mm]            | (1)1x24x30 [25x610x762]   | (1)1x24x30 [25x610x762]   | (1)1x24x30 [25x610x762]   | (1)1x24x30 [25x610x762]   |
| <b>Refrigerant Charge Oz. [g]</b>                    | 89.6 [2540]               | 89.6 [2540]               | 89.6 [2540]               | 89.6 [2540]               |
| <b>Weights</b>                                       |                           |                           |                           |                           |
| Net Weight lbs. [kg]                                 | 515 [234]                 | 515 [234]                 | 515 [234]                 | 515 [234]                 |
| Ship Weight lbs. [kg]                                | 525 [238]                 | 525 [238]                 | 525 [238]                 | 525 [238]                 |

See Page 33 for Notes.

[ ] Designates Metric Conversions



## NOMINAL SIZES 2-5 TONS [7.0-17.6 kW]

| Model RGEA15 Series                                  | 060AJV101AA               | 060AJV10XA                |
|------------------------------------------------------|---------------------------|---------------------------|
| <b>Cooling Performance<sup>1</sup></b>               |                           |                           |
| Gross Cooling Capacity (2nd Stage) Btu [kW]          | 59,500 [17.43]            | 59,500 [17.43]            |
| SEER <sup>2</sup>                                    | 15                        | 15                        |
| EER (1st Stage/2nd Stage)                            | 20/11                     | 20/11                     |
| AHRI Rated CFM (1st / 2nd stage) [L/s]               | 1250/1850 [590/873]       | 1250/1850 [590/873]       |
| AHRI Net Cooling Capacity (1st / 2nd stage) Btu [kW] | 49,500/57,000 [14.5/16.7] | 49,500/57,000 [14.5/16.7] |
| Net Sensible Capacity (1st / 2nd stage) Btu [kW]     | 33,800/40,700 [9.9/11.92] | 33,800/40,700 [9.9/11.92] |
| Net Latent Capacity (1st / 2nd stage) Btu [kW]       | 15,700/16,300 [4.6/4.78]  | 15,700/16,300 [4.6/4.78]  |
| Net System Power (1st / 2nd stage) kW                | 2.14/5.02                 | 2.14/5.02                 |
| <b>Heating Performance (Gas)<sup>3</sup></b>         |                           |                           |
| Heating Input Btu [kW]                               | 100,000 [29.3]            | 100,000 [29.3]            |
| Heating Output Btu [kW]                              | 81,000 [23.73]            | 81,000 [23.73]            |
| Temperature Rise Range °F [°C]                       | 45-75 [25-41.7]           | 45-75 [25-41.7]           |
| AFUE % <sup>4</sup>                                  | 81                        | 81                        |
| Steady State Efficiency (%)                          | 82                        | 82                        |
| No. Burners                                          | 5                         | 5                         |
| No. Stages                                           | 1                         | 1                         |
| Gas Connection Pipe Size in. [mm]                    | 0.5 [12.7]                | 0.5 [12.7]                |
| <b>Compressor</b>                                    |                           |                           |
| No./Type                                             | 1/Scroll                  | 1/Scroll                  |
| <b>Outdoor Sound Rating (dB)<sup>5</sup></b>         |                           |                           |
|                                                      | 78                        | 78                        |
| <b>Outdoor Coil—Fin Type</b>                         |                           |                           |
| Tube Type                                            | Louvered                  | Louvered                  |
| MicroChannel Depth in. [mm]                          | MicroChannel              | MicroChannel              |
| Face Area sq. ft. [sq. m]                            | 1 [25.4]                  | 1 [25.4]                  |
| Rows / FPI [FPcm]                                    | 15.3 [1.42]               | 15.3 [1.42]               |
|                                                      | 1 / 23 [9]                | 1 / 23 [9]                |
| <b>Indoor Coil—Fin Type</b>                          |                           |                           |
| Tube Type                                            | Louvered                  | Louvered                  |
| MicroChannel Depth in. [mm]                          | MicroChannel              | MicroChannel              |
| Face Area sq. ft. [sq. m]                            | 1.26 [32]                 | 1.26 [32]                 |
| Rows / FPI [FPcm]                                    | 4 [0.37]                  | 4 [0.37]                  |
|                                                      | 1 / 20 [8]                | 1 / 20 [8]                |
| Refrigerant Control                                  | TX Valves                 | TX Valves                 |
| Drain Connection No./Size in. [mm]                   | 1/0.75 [19.05]            | 1/0.75 [19.05]            |
| <b>Outdoor Fan—Type</b>                              |                           |                           |
| No. Used/Diameter in. [mm]                           | Propeller                 | Propeller                 |
| Drive Type/No. Speeds                                | 1/22 [558.8]              | 1/22 [558.8]              |
| CFM [L/s]                                            | Direct/1                  | Direct/1                  |
| No. Motors/HP                                        | 3300 [1557]               | 3300 [1557]               |
| Motor RPM                                            | 1 at 1/3 HP               | 1 at 1/3 HP               |
|                                                      | 1075                      | 1075                      |
| <b>Indoor Fan—Type</b>                               |                           |                           |
| No. Used/Diameter in. [mm]                           | FC Centrifugal            | FC Centrifugal            |
| Drive Type                                           | 1/12x9 [305x229]          | 1/12x9 [305x229]          |
| No. Speeds                                           | Direct                    | Direct                    |
| No. Motors                                           | Multiple                  | Multiple                  |
| Motor HP                                             | 1                         | 1                         |
| Motor RPM                                            | 1                         | 1                         |
| Motor Frame Size                                     | 1050                      | 1050                      |
|                                                      | 48                        | 48                        |
| <b>Filter—Type</b>                                   |                           |                           |
| Furnished                                            | Field Supplied            | Field Supplied            |
| (NO.) Size Recommended in. [mm x mm x mm]            | No                        | No                        |
|                                                      | (1)1x24x30 [25x610x762]   | (1)1x24x30 [25x610x762]   |
| <b>Refrigerant Charge Oz. [g]</b>                    |                           |                           |
|                                                      | 89.6 [2540]               | 89.6 [2540]               |
| <b>Weights</b>                                       |                           |                           |
| Net Weight lbs. [kg]                                 | 515 [234]                 | 515 [234]                 |
| Ship Weight lbs. [kg]                                | 525 [238]                 | 525 [238]                 |

See Page 33 for Notes.

[ ] Designates Metric Conversions

## NOTES:

1. Cooling Performance is rated at 95° F ambient, 80° F entering dry bulb, 67° F entering wet bulb. Gross capacity does not include the effect of fan motor heat. AHRI capacity is net and includes the effect of fan motor heat. Units are suitable for operation in CFM range shown in airflow tables. Units are certified in accordance with the Unitary Air Conditioner Equipment certification program, which is based on AHRI Standard 210/240 or 360.
2. EER and/or SEER are rated at AHRI conditions and in accordance with DOE test procedures.
3. Heating Performance limit settings and rating data were established and approved under laboratory test conditions using American National Standard Institute standards. Ratings shown are for elevations up to 2000 feet. For elevations above 2000 feet, ratings should be reduced at the rate of 4% for each 1000 feet above sea level.
4. AFUE is rated in accordance with DOE test procedures.
5. Outdoor Sound Rating shown is tested in accordance with AHRI Standard 270.



## GROSS SYSTEMS PERFORMANCE DATA—RGEA14024A

| ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①        |                 |                 |               |            |            |               |            |            |               |            |            |
|--------------------------------------------------|-----------------|-----------------|---------------|------------|------------|---------------|------------|------------|---------------|------------|------------|
| wbE                                              |                 |                 | 71°F [21.7°C] |            |            | 67°F [19.4°C] |            |            | 63°F [17.2°C] |            |            |
| CFM [L/s]                                        |                 |                 | 990 [467]     | 900 [425]  | 760 [359]  | 990 [467]     | 900 [425]  | 760 [359]  | 990 [467]     | 900 [425]  | 760 [359]  |
| DR ①                                             |                 |                 | 0.18          | 0.15       | 0.12       | 0.18          | 0.15       | 0.12       | 0.18          | 0.15       | 0.12       |
| OUTDOOR<br>DRY<br>BULB<br>TEMPERATURE<br>°F [°C] | 75<br>[23.9]    | Total BTUH [kW] | 31.2 [9.1]    | 30.6 [9.0] | 29.7 [8.7] | 29.3 [8.6]    | 28.8 [8.4] | 28.0 [8.2] | 27.8 [8.2]    | 27.3 [8.0] | 26.6 [7.8] |
|                                                  |                 | Sens BTUH [kW]  | 19.3 [5.7]    | 18.5 [5.4] | 17.1 [5.0] | 22.6 [6.6]    | 21.6 [6.3] | 20.0 [5.9] | 25.3 [7.4]    | 24.2 [7.1] | 22.5 [6.6] |
|                                                  |                 | Power           | 1.4           | 1.4        | 1.4        | 1.4           | 1.4        | 1.4        | 1.4           | 1.4        | 1.4        |
|                                                  | 80<br>[26.7]    | Total BTUH [kW] | 30.1 [8.8]    | 29.6 [8.7] | 28.8 [8.4] | 28.3 [8.3]    | 27.8 [8.2] | 27.0 [7.9] | 26.8 [7.9]    | 26.3 [7.7] | 25.6 [7.5] |
|                                                  |                 | Sens BTUH [kW]  | 18.7 [5.5]    | 17.9 [5.2] | 16.6 [4.9] | 22.0 [6.4]    | 21.0 [6.2] | 19.5 [5.7] | 24.7 [7.2]    | 23.6 [6.9] | 21.9 [6.4] |
|                                                  |                 | Power           | 1.5           | 1.5        | 1.5        | 1.5           | 1.5        | 1.5        | 1.5           | 1.5        | 1.5        |
|                                                  | 85<br>[29.4]    | Total BTUH [kW] | 29.1 [8.5]    | 28.6 [8.4] | 27.8 [8.1] | 27.3 [8.0]    | 26.8 [7.9] | 26.1 [7.6] | 25.8 [7.6]    | 25.4 [7.4] | 24.6 [7.2] |
|                                                  |                 | Sens BTUH [kW]  | 18.1 [5.3]    | 17.3 [5.1] | 16.0 [4.7] | 21.4 [6.3]    | 20.4 [6.0] | 18.9 [5.5] | 24.1 [7.1]    | 23.0 [6.8] | 21.4 [6.3] |
|                                                  |                 | Power           | 1.6           | 1.6        | 1.6        | 1.6           | 1.6        | 1.6        | 1.6           | 1.6        | 1.6        |
|                                                  | 90<br>[32.2]    | Total BTUH [kW] | 28.1 [8.2]    | 27.6 [8.1] | 26.8 [7.9] | 26.3 [7.7]    | 25.8 [7.6] | 25.1 [7.4] | 24.8 [7.3]    | 24.4 [7.1] | 23.7 [6.9] |
|                                                  |                 | Sens BTUH [kW]  | 17.5 [5.1]    | 16.7 [4.9] | 15.5 [4.5] | 20.8 [6.1]    | 19.8 [5.8] | 18.4 [5.4] | 23.5 [6.9]    | 22.5 [6.6] | 20.8 [6.1] |
|                                                  |                 | Power           | 1.7           | 1.7        | 1.7        | 1.7           | 1.7        | 1.7        | 1.7           | 1.7        | 1.7        |
| 95<br>[35]                                       | Total BTUH [kW] | 27.1 [7.9]      | 26.6 [7.8]    | 25.9 [7.6] | 25.3 [7.4] | 24.9 [7.3]    | 24.2 [7.1] | 23.8 [7.0] | 23.4 [6.8]    | 22.7 [6.7] |            |
|                                                  | Sens BTUH [kW]  | 16.9 [5.0]      | 16.1 [4.7]    | 15.0 [4.4] | 20.2 [5.9] | 19.3 [5.6]    | 17.9 [5.2] | 22.9 [6.7] | 21.9 [6.4]    | 20.3 [5.9] |            |
|                                                  | Power           | 1.8             | 1.8           | 1.8        | 1.8        | 1.8           | 1.8        | 1.8        | 1.8           | 1.8        |            |
| 100<br>[37.8]                                    | Total BTUH [kW] | 26.1 [7.6]      | 25.6 [7.5]    | 24.9 [7.3] | 24.3 [7.1] | 23.9 [7.0]    | 23.2 [6.8] | 22.8 [6.7] | 22.4 [6.6]    | 21.7 [6.4] |            |
|                                                  | Sens BTUH [kW]  | 16.3 [4.8]      | 15.6 [4.6]    | 14.4 [4.2] | 19.6 [5.7] | 18.7 [5.5]    | 17.3 [5.1] | 22.3 [6.5] | 21.3 [6.2]    | 19.8 [5.8] |            |
|                                                  | Power           | 2.0             | 1.9           | 1.9        | 2.0        | 1.9           | 1.9        | 2.0        | 1.9           | 1.9        |            |
| 105<br>[40.6]                                    | Total BTUH [kW] | 25.1 [7.4]      | 24.6 [7.2]    | 23.9 [7.0] | 23.3 [6.8] | 22.9 [6.7]    | 22.2 [6.5] | 21.8 [6.4] | 21.4 [6.3]    | 20.8 [6.1] |            |
|                                                  | Sens BTUH [kW]  | 15.7 [4.6]      | 15.0 [4.4]    | 13.9 [4.1] | 19.0 [5.6] | 18.1 [5.3]    | 16.8 [4.9] | 21.7 [6.4] | 20.7 [6.1]    | 19.2 [5.6] |            |
|                                                  | Power           | 2.1             | 2.1           | 2.1        | 2.1        | 2.1           | 2.0        | 2.1        | 2.1           | 2.0        |            |
| 110<br>[43.3]                                    | Total BTUH [kW] | 24.1 [7.1]      | 23.6 [6.9]    | 23.0 [6.7] | 22.3 [6.5] | 21.9 [6.4]    | 21.2 [6.2] | 20.7 [6.1] | 20.4 [6.0]    | 19.8 [5.8] |            |
|                                                  | Sens BTUH [kW]  | 15.1 [4.4]      | 14.4 [4.2]    | 13.4 [3.9] | 18.4 [5.4] | 17.5 [5.1]    | 16.3 [4.8] | 20.7 [6.1] | 20.2 [5.9]    | 18.7 [5.5] |            |
|                                                  | Power           | 2.2             | 2.2           | 2.2        | 2.2        | 2.2           | 2.2        | 2.2        | 2.2           | 2.2        |            |
| 115<br>[46.1]                                    | Total BTUH [kW] | 23.1 [6.8]      | 22.6 [6.6]    | 22.0 [6.4] | 21.2 [6.2] | 20.9 [6.1]    | 20.3 [5.9] | 19.7 [5.8] | 19.4 [5.7]    | 18.8 [5.5] |            |
|                                                  | Sens BTUH [kW]  | 14.5 [4.3]      | 13.9 [4.1]    | 12.9 [3.8] | 17.8 [5.2] | 17.0 [5.0]    | 15.7 [4.6] | 19.7 [5.8] | 19.4 [5.7]    | 18.2 [5.3] |            |
|                                                  | Power           | 2.4             | 2.4           | 2.3        | 2.4        | 2.4           | 2.3        | 2.4        | 2.4           | 2.3        |            |
| 120<br>[48.9]                                    | Total BTUH [kW] | 22.0 [6.5]      | 21.6 [6.3]    | 21.0 [6.2] | 20.2 [5.9] | 19.9 [5.8]    | 19.3 [5.7] | 18.7 [5.5] | 18.4 [5.4]    | 17.9 [5.2] |            |
|                                                  | Sens BTUH [kW]  | 13.9 [4.1]      | 13.3 [3.9]    | 12.3 [3.6] | 17.2 [5.0] | 16.4 [4.8]    | 15.2 [4.5] | 18.7 [5.5] | 18.4 [5.4]    | 17.7 [5.2] |            |
|                                                  | Power           | 2.6             | 2.5           | 2.5        | 2.6        | 2.5           | 2.5        | 2.6        | 2.5           | 2.5        |            |
| 125<br>[51.7]                                    | Total BTUH [kW] | 21.0 [6.2]      | 20.6 [6.0]    | 20.1 [5.9] | 19.2 [5.6] | 18.9 [5.5]    | 18.3 [5.4] | 17.7 [5.2] | 17.4 [5.1]    | 16.9 [4.9] |            |
|                                                  | Sens BTUH [kW]  | 13.3 [3.9]      | 12.7 [3.7]    | 11.8 [3.5] | 16.6 [4.9] | 15.8 [4.6]    | 14.7 [4.3] | 17.7 [5.2] | 17.4 [5.1]    | 16.9 [4.9] |            |
|                                                  | Power           | 2.7             | 2.7           | 2.7        | 2.7        | 2.7           | 2.7        | 2.7        | 2.7           | 2.7        |            |

DR —Depression ratio  
dbE —Entering air dry bulb  
wbE —Entering air wet bulb

Total —Total capacity x 1000 BTUH  
Sens —Sensible capacity x 1000 BTUH  
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

[ ] Designates Metric Conversions



# GROSS SYSTEMS PERFORMANCE DATA—RGEA14030A

| ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ① |            |                                            |                                  |                                  |                                  |                                  |                                  |                                 |                                 |                                 |                                 |
|-------------------------------------------|------------|--------------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| wbE                                       |            |                                            | 71°F [21.7°C]                    |                                  |                                  | 67°F [19.4°C]                    |                                  |                                 | 63°F [17.2°C]                   |                                 |                                 |
| CFM [L/s]                                 |            |                                            | 1100 [519]                       | 1000 [472]                       | 850 [401]                        | 1100 [519]                       | 1000 [472]                       | 850 [401]                       | 1100 [519]                      | 1000 [472]                      | 850 [401]                       |
| DR ①                                      |            |                                            | 0.16                             | 0.15                             | 0.11                             | 0.16                             | 0.15                             | 0.11                            | 0.16                            | 0.15                            | 0.11                            |
| OUTDOOR DRY BULB TEMPERATURE °F [°C]      | 75 [23.9]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 37.0 [10.9]<br>21.6 [6.3]<br>1.7 | 36.4 [10.7]<br>20.6 [6.0]<br>1.6 | 35.4 [10.4]<br>19.2 [5.6]<br>1.6 | 35.0 [10.3]<br>25.6 [7.5]<br>1.7 | 34.4 [10.1]<br>24.4 [7.2]<br>1.6 | 33.4 [9.8]<br>22.7 [6.7]<br>1.6 | 33.2 [9.7]<br>28.8 [8.4]<br>1.6 | 32.6 [9.6]<br>27.5 [8.1]<br>1.6 | 31.7 [9.3]<br>25.6 [7.5]<br>1.6 |
|                                           | 80 [26.7]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 36.0 [10.5]<br>21.1 [6.2]<br>1.7 | 35.4 [10.4]<br>20.1 [5.9]<br>1.7 | 34.4 [10.1]<br>18.7 [5.5]<br>1.7 | 33.9 [9.9]<br>25.1 [7.4]<br>1.7  | 33.3 [9.8]<br>24.0 [7.0]<br>1.7  | 32.4 [9.5]<br>22.3 [6.5]<br>1.7 | 32.2 [9.4]<br>28.3 [8.3]<br>1.7 | 31.6 [9.3]<br>27.0 [7.9]<br>1.7 | 30.7 [9.0]<br>25.1 [7.4]<br>1.7 |
|                                           | 85 [29.4]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 34.9 [10.2]<br>20.6 [6.0]<br>1.8 | 34.3 [10.1]<br>19.7 [5.8]<br>1.8 | 33.4 [9.8]<br>18.3 [5.4]<br>1.8  | 32.9 [9.6]<br>24.6 [7.2]<br>1.8  | 32.3 [9.5]<br>23.5 [6.9]<br>1.8  | 31.4 [9.2]<br>21.8 [6.4]<br>1.8 | 31.1 [9.1]<br>27.8 [8.1]<br>1.8 | 30.6 [9.0]<br>26.5 [7.8]<br>1.8 | 29.7 [8.7]<br>24.7 [7.2]<br>1.8 |
|                                           | 90 [32.2]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 33.9 [9.9]<br>20.1 [5.9]<br>1.9  | 33.3 [9.7]<br>19.2 [5.6]<br>1.9  | 32.3 [9.5]<br>17.8 [5.2]<br>1.9  | 31.8 [9.3]<br>24.1 [7.1]<br>1.9  | 31.2 [9.2]<br>23.0 [6.7]<br>1.9  | 30.4 [8.9]<br>21.4 [6.3]<br>1.9 | 30.0 [8.8]<br>27.3 [8.0]<br>1.9 | 29.5 [8.6]<br>26.0 [7.6]<br>1.9 | 28.7 [8.4]<br>24.2 [7.1]<br>1.9 |
|                                           | 95 [35]    | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 32.8 [9.6]<br>19.5 [5.7]<br>2.1  | 32.2 [9.4]<br>18.6 [5.5]<br>2.0  | 31.3 [9.2]<br>17.3 [5.1]<br>2.0  | 30.7 [9.0]<br>23.5 [6.9]<br>2.0  | 30.2 [8.8]<br>22.5 [6.6]<br>2.0  | 29.3 [8.6]<br>20.9 [6.1]<br>2.0 | 28.9 [8.5]<br>26.7 [7.8]<br>2.0 | 28.4 [8.3]<br>25.5 [7.5]<br>2.0 | 27.6 [8.1]<br>23.7 [7.0]<br>2.0 |
|                                           | 100 [37.8] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 31.6 [9.3]<br>18.9 [5.5]<br>2.2  | 31.1 [9.1]<br>18.1 [5.3]<br>2.2  | 30.2 [8.9]<br>16.8 [4.9]<br>2.1  | 29.6 [8.7]<br>22.9 [6.7]<br>2.2  | 29.1 [8.5]<br>21.9 [6.4]<br>2.1  | 28.3 [8.3]<br>20.4 [6.0]<br>2.1 | 27.8 [8.2]<br>26.1 [7.7]<br>2.2 | 27.3 [8.0]<br>25.0 [7.3]<br>2.1 | 26.6 [7.8]<br>23.2 [6.8]<br>2.1 |
|                                           | 105 [40.6] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 30.5 [8.9]<br>18.3 [5.4]<br>2.3  | 30.0 [8.8]<br>17.5 [5.1]<br>2.3  | 29.2 [8.5]<br>16.3 [4.8]<br>2.3  | 28.5 [8.3]<br>22.3 [6.5]<br>2.3  | 28.0 [8.2]<br>21.3 [6.2]<br>2.3  | 27.2 [8.0]<br>19.8 [5.8]<br>2.2 | 26.7 [7.8]<br>25.5 [7.5]<br>2.3 | 26.2 [7.7]<br>24.4 [7.1]<br>2.3 | 25.5 [7.5]<br>22.7 [6.6]<br>2.2 |
|                                           | 110 [43.3] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 29.4 [8.6]<br>17.7 [5.2]<br>2.4  | 28.8 [8.5]<br>16.9 [5.0]<br>2.4  | 28.1 [8.2]<br>15.7 [4.6]<br>2.4  | 27.3 [8.0]<br>21.7 [6.4]<br>2.4  | 26.8 [7.9]<br>20.7 [6.1]<br>2.4  | 26.1 [7.6]<br>19.3 [5.6]<br>2.4 | 25.5 [7.5]<br>24.9 [7.3]<br>2.4 | 25.1 [7.4]<br>23.8 [7.0]<br>2.4 | 24.4 [7.2]<br>22.1 [6.5]<br>2.4 |
|                                           | 115 [46.1] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 28.2 [8.3]<br>17.0 [5.0]<br>2.6  | 27.7 [8.1]<br>16.3 [4.8]<br>2.6  | 26.9 [7.9]<br>15.1 [4.4]<br>2.5  | 26.1 [7.7]<br>21.0 [6.2]<br>2.6  | 25.7 [7.5]<br>20.1 [5.9]<br>2.6  | 25.0 [7.3]<br>18.7 [5.5]<br>2.5 | 24.4 [7.1]<br>24.2 [7.1]<br>2.6 | 23.9 [7.0]<br>23.1 [6.8]<br>2.5 | 23.3 [6.8]<br>21.5 [6.3]<br>2.5 |
|                                           | 120 [48.9] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 27.0 [7.9]<br>16.3 [4.8]<br>2.7  | 26.5 [7.8]<br>15.6 [4.6]<br>2.7  | 25.8 [7.6]<br>14.5 [4.3]<br>2.7  | 25.0 [7.3]<br>20.3 [6.0]<br>2.7  | 24.5 [7.2]<br>19.4 [5.7]<br>2.7  | 23.9 [7.0]<br>18.1 [5.3]<br>2.7 | 23.2 [6.8]<br>23.2 [6.8]<br>2.7 | 22.8 [6.7]<br>22.5 [6.6]<br>2.7 | 22.2 [6.5]<br>20.9 [6.1]<br>2.7 |
|                                           | 125 [51.7] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 25.8 [7.6]<br>15.6 [4.6]<br>2.9  | 25.4 [7.4]<br>14.9 [4.4]<br>2.9  | 24.7 [7.2]<br>13.9 [4.1]<br>2.8  | 23.8 [7.0]<br>19.6 [5.8]<br>2.9  | 23.3 [6.8]<br>18.8 [5.5]<br>2.9  | 22.7 [6.7]<br>17.4 [5.1]<br>2.8 | 22.0 [6.4]<br>22.0 [6.4]<br>2.9 | 21.6 [6.3]<br>21.6 [6.3]<br>2.9 | 21.0 [6.2]<br>20.3 [5.9]<br>2.8 |

DR —Depression ratio  
dbE —Entering air dry bulb  
wbE—Entering air wet bulb

Total —Total capacity x 1000 BTUH  
Sens —Sensible capacity x 1000 BTUH  
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

[ ] Designates Metric Conversions



## GROSS SYSTEMS PERFORMANCE DATA—RGEA14036A

| ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ① |               |                                            |                                  |                                  |                                  |                                  |                                  |                                  |                                  |                                  |                                  |
|-------------------------------------------|---------------|--------------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| wbE                                       |               |                                            | 71°F [21.7°C]                    |                                  |                                  | 67°F [19.4°C]                    |                                  |                                  | 63°F [17.2°C]                    |                                  |                                  |
| CFM [L/s]                                 |               |                                            | 1320 [623]                       | 1200 [566]                       | 1020 [481]                       | 1320 [623]                       | 1200 [566]                       | 1020 [481]                       | 1320 [623]                       | 1200 [566]                       | 1020 [481]                       |
| DR ①                                      |               |                                            | 0.23                             | 0.21                             | 0.18                             | 0.23                             | 0.21                             | 0.18                             | 0.23                             | 0.21                             | 0.18                             |
| OUTDOOR DRY BULB TEMPERATURE<br>°F [°C]   | 75<br>[23.9]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 44.3 [13.0]<br>25.4 [7.4]<br>2.0 | 43.5 [12.8]<br>24.2 [7.1]<br>2.0 | 42.3 [12.4]<br>22.5 [6.6]<br>2.0 | 41.4 [12.1]<br>29.6 [8.7]<br>2.0 | 40.6 [11.9]<br>28.3 [8.3]<br>2.0 | 39.5 [11.6]<br>26.3 [7.7]<br>2.0 | 38.3 [11.2]<br>32.8 [9.6]<br>2.0 | 37.6 [11.0]<br>31.3 [9.2]<br>2.0 | 36.6 [10.7]<br>29.1 [8.5]<br>2.0 |
|                                           | 80<br>[26.7]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 43.0 [12.6]<br>24.7 [7.2]<br>2.1 | 42.2 [12.4]<br>23.6 [6.9]<br>2.1 | 41.1 [12.0]<br>21.9 [6.4]<br>2.1 | 40.0 [11.7]<br>28.9 [8.5]<br>2.1 | 39.3 [11.5]<br>27.6 [8.1]<br>2.1 | 38.2 [11.2]<br>25.7 [7.5]<br>2.1 | 37.0 [10.8]<br>32.1 [9.4]<br>2.1 | 36.3 [10.6]<br>30.7 [9.0]<br>2.1 | 35.3 [10.3]<br>28.5 [8.4]<br>2.1 |
|                                           | 85<br>[29.4]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 41.7 [12.2]<br>24.0 [7.0]<br>2.3 | 40.9 [12.0]<br>22.9 [6.7]<br>2.2 | 39.8 [11.7]<br>21.3 [6.2]<br>2.2 | 38.7 [11.3]<br>28.2 [8.3]<br>2.2 | 38.0 [11.1]<br>27.0 [7.9]<br>2.2 | 37.0 [10.8]<br>25.1 [7.3]<br>2.2 | 35.6 [10.4]<br>31.4 [9.2]<br>2.2 | 35.0 [10.3]<br>30.0 [8.8]<br>2.2 | 34.0 [10.0]<br>27.9 [8.2]<br>2.2 |
|                                           | 90<br>[32.2]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 40.3 [11.8]<br>23.2 [6.8]<br>2.4 | 39.6 [11.6]<br>22.2 [6.5]<br>2.4 | 38.5 [11.3]<br>20.7 [6.1]<br>2.3 | 37.3 [10.9]<br>27.5 [8.1]<br>2.4 | 36.7 [10.7]<br>26.3 [7.7]<br>2.4 | 35.7 [10.5]<br>24.4 [7.2]<br>2.3 | 34.3 [10.0]<br>30.7 [9.0]<br>2.4 | 33.7 [9.9]<br>29.3 [8.6]<br>2.4  | 32.7 [9.6]<br>27.3 [8.0]<br>2.3  |
|                                           | 95<br>[35]    | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 38.9 [11.4]<br>22.5 [6.6]<br>2.5 | 38.3 [11.2]<br>21.5 [6.3]<br>2.5 | 37.2 [10.9]<br>20.0 [5.9]<br>2.5 | 36.0 [10.5]<br>26.7 [7.8]<br>2.5 | 35.3 [10.4]<br>25.5 [7.5]<br>2.5 | 34.4 [10.1]<br>23.7 [7.0]<br>2.5 | 32.9 [9.6]<br>29.9 [8.8]<br>2.5  | 32.3 [9.5]<br>28.6 [8.4]<br>2.5  | 31.4 [9.2]<br>26.6 [7.8]<br>2.5  |
|                                           | 100<br>[37.8] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 37.6 [11.0]<br>21.7 [6.4]<br>2.7 | 36.9 [10.8]<br>20.7 [6.1]<br>2.7 | 35.9 [10.5]<br>19.3 [5.7]<br>2.6 | 34.6 [10.1]<br>25.9 [7.6]<br>2.7 | 34.0 [10.0]<br>24.8 [7.3]<br>2.7 | 33.0 [9.7]<br>23.0 [6.8]<br>2.6  | 31.5 [9.2]<br>29.1 [8.5]<br>2.7  | 30.9 [9.1]<br>27.8 [8.2]<br>2.6  | 30.1 [8.8]<br>25.9 [7.6]<br>2.6  |
|                                           | 105<br>[40.6] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 36.1 [10.6]<br>20.9 [6.1]<br>2.9 | 35.5 [10.4]<br>20.0 [5.8]<br>2.8 | 34.5 [10.1]<br>18.6 [5.4]<br>2.8 | 33.2 [9.7]<br>25.1 [7.4]<br>2.8  | 32.6 [9.5]<br>24.0 [7.0]<br>2.8  | 31.7 [9.3]<br>22.3 [6.5]<br>2.8  | 30.1 [8.8]<br>28.3 [8.3]<br>2.8  | 29.6 [8.7]<br>27.1 [7.9]<br>2.8  | 28.7 [8.4]<br>25.2 [7.4]<br>2.8  |
|                                           | 110<br>[43.3] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 34.7 [10.2]<br>20.1 [5.9]<br>3.0 | 34.1 [10.0]<br>19.2 [5.6]<br>3.0 | 33.2 [9.7]<br>17.8 [5.2]<br>3.0  | 31.7 [9.3]<br>24.3 [7.1]<br>3.0  | 31.2 [9.1]<br>23.2 [6.8]<br>3.0  | 30.3 [8.9]<br>21.6 [6.3]<br>3.0  | 28.7 [8.4]<br>27.5 [8.1]<br>3.0  | 28.2 [8.3]<br>26.3 [7.7]<br>3.0  | 27.4 [8.0]<br>24.4 [7.2]<br>3.0  |
|                                           | 115<br>[46.1] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 33.3 [9.8]<br>19.2 [5.6]<br>3.2  | 32.7 [9.6]<br>18.3 [5.4]<br>3.2  | 31.8 [9.3]<br>17.0 [5.0]<br>3.2  | 30.3 [8.9]<br>23.4 [6.9]<br>3.2  | 29.8 [8.7]<br>22.4 [6.6]<br>3.2  | 28.9 [8.5]<br>20.8 [6.1]<br>3.2  | 27.2 [8.0]<br>26.6 [7.8]<br>3.2  | 26.7 [7.8]<br>25.4 [7.5]<br>3.2  | 26.0 [7.6]<br>23.7 [6.9]<br>3.1  |
|                                           | 120<br>[48.9] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 31.8 [9.3]<br>18.3 [5.4]<br>3.4  | 31.2 [9.2]<br>17.5 [5.1]<br>3.4  | 30.4 [8.9]<br>16.3 [4.8]<br>3.4  | 28.8 [8.5]<br>22.5 [6.6]<br>3.4  | 28.3 [8.3]<br>21.5 [6.3]<br>3.4  | 27.5 [8.1]<br>20.0 [5.9]<br>3.4  | 25.8 [7.5]<br>25.7 [7.5]<br>3.4  | 25.3 [7.4]<br>24.6 [7.2]<br>3.4  | 24.6 [7.2]<br>22.9 [6.7]<br>3.3  |
|                                           | 125<br>[51.7] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 30.3 [8.9]<br>17.4 [5.1]<br>3.6  | 29.8 [8.7]<br>16.6 [4.9]<br>3.6  | 29.0 [8.5]<br>15.4 [4.5]<br>3.6  | 27.4 [8.0]<br>21.6 [6.3]<br>3.6  | 26.9 [7.9]<br>20.7 [6.1]<br>3.6  | 26.1 [7.7]<br>19.2 [5.6]<br>3.6  | 24.3 [7.1]<br>24.3 [7.1]<br>3.6  | 23.8 [7.0]<br>23.7 [6.9]<br>3.6  | 23.2 [6.8]<br>22.0 [6.5]<br>3.6  |

DR —Depression ratio  
dbE —Entering air dry bulb  
wbE—Entering air wet bulb

Total —Total capacity x 1000 BTUH  
Sens —Sensible capacity x 1000 BTUH  
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding  $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$ .

[ ] Designates Metric Conversions



# GROSS SYSTEMS PERFORMANCE DATA—RGEA14042A

| ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ① |            |                                            |                                  |                                  |                                  |                                   |                                  |                                  |                                   |                                   |                                   |
|-------------------------------------------|------------|--------------------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| wbE                                       |            |                                            | 71°F [21.7°C]                    |                                  |                                  | 67°F [19.4°C]                     |                                  |                                  | 63°F [17.2°C]                     |                                   |                                   |
| CFM [L/s]                                 |            |                                            | 1430 [675]                       | 1300 [614]                       | 1100 [519]                       | 1430 [675]                        | 1300 [614]                       | 1100 [519]                       | 1430 [675]                        | 1300 [614]                        | 1100 [519]                        |
| DR ①                                      |            |                                            | 0.15                             | 0.14                             | 0.1                              | 0.15                              | 0.14                             | 0.1                              | 0.15                              | 0.14                              | 0.1                               |
| OUTDOOR DRY BULB TEMPERATURE °F [°C]      | 75 [23.9]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 50.0 [14.7]<br>29.2 [8.5]<br>2.4 | 49.1 [14.4]<br>27.9 [8.2]<br>2.4 | 47.7 [14.0]<br>25.9 [7.6]<br>2.3 | 47.3 [13.9]<br>34.3 [10.0]<br>2.4 | 46.4 [13.6]<br>32.7 [9.6]<br>2.3 | 45.1 [13.2]<br>30.4 [8.9]<br>2.3 | 44.3 [13.0]<br>38.5 [11.3]<br>2.3 | 43.5 [12.8]<br>36.8 [10.8]<br>2.3 | 42.3 [12.4]<br>34.2 [10.0]<br>2.3 |
|                                           | 80 [26.7]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 48.7 [14.3]<br>28.5 [8.4]<br>2.5 | 47.9 [14.0]<br>27.3 [8.0]<br>2.5 | 46.5 [13.6]<br>25.3 [7.4]<br>2.5 | 46.0 [13.5]<br>33.7 [9.9]<br>2.5  | 45.2 [13.2]<br>32.2 [9.4]<br>2.5 | 43.9 [12.9]<br>29.8 [8.7]<br>2.4 | 43.0 [12.6]<br>37.9 [11.1]<br>2.5 | 42.3 [12.4]<br>36.2 [10.6]<br>2.5 | 41.1 [12.0]<br>33.6 [9.9]<br>2.4  |
|                                           | 85 [29.4]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 47.4 [13.9]<br>27.9 [8.2]<br>2.7 | 46.6 [13.6]<br>26.6 [7.8]<br>2.6 | 45.2 [13.3]<br>24.7 [7.2]<br>2.6 | 44.7 [13.1]<br>33.0 [9.7]<br>2.6  | 43.9 [12.9]<br>31.5 [9.2]<br>2.6 | 42.6 [12.5]<br>29.3 [8.6]<br>2.6 | 41.7 [12.2]<br>37.2 [10.9]<br>2.6 | 41.0 [12.0]<br>35.6 [10.4]<br>2.6 | 39.8 [11.7]<br>33.0 [9.7]<br>2.6  |
|                                           | 90 [32.2]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 46.0 [13.5]<br>27.2 [8.0]<br>2.8 | 45.2 [13.2]<br>26.0 [7.6]<br>2.8 | 43.9 [12.9]<br>24.1 [7.1]<br>2.8 | 43.3 [12.7]<br>32.3 [9.5]<br>2.8  | 42.5 [12.5]<br>30.8 [9.0]<br>2.8 | 41.3 [12.1]<br>28.6 [8.4]<br>2.7 | 40.3 [11.8]<br>36.5 [10.7]<br>2.8 | 39.6 [11.6]<br>34.9 [10.2]<br>2.8 | 38.5 [11.3]<br>32.4 [9.5]<br>2.7  |
|                                           | 95 [35]    | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 44.6 [13.1]<br>26.4 [7.7]<br>3.0 | 43.8 [12.8]<br>25.2 [7.4]<br>3.0 | 42.6 [12.5]<br>23.4 [6.9]<br>2.9 | 41.8 [12.3]<br>31.5 [9.2]<br>3.0  | 41.1 [12.0]<br>30.1 [8.8]<br>3.0 | 39.9 [11.7]<br>27.9 [8.2]<br>2.9 | 38.9 [11.4]<br>35.8 [10.5]<br>3.0 | 38.2 [11.2]<br>34.2 [10.0]<br>2.9 | 37.1 [10.9]<br>31.7 [9.3]<br>2.9  |
|                                           | 100 [37.8] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 43.1 [12.6]<br>25.6 [7.5]<br>3.2 | 42.3 [12.4]<br>24.4 [7.2]<br>3.1 | 41.1 [12.1]<br>22.7 [6.6]<br>3.1 | 40.4 [11.8]<br>30.7 [9.0]<br>3.2  | 39.6 [11.6]<br>29.3 [8.6]<br>3.1 | 38.5 [11.3]<br>27.2 [8.0]<br>3.1 | 37.4 [11.0]<br>34.9 [10.2]<br>3.1 | 36.7 [10.8]<br>33.4 [9.8]<br>3.1  | 35.7 [10.5]<br>31.0 [9.1]<br>3.1  |
|                                           | 105 [40.6] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 41.6 [12.2]<br>24.7 [7.2]<br>3.4 | 40.8 [12.0]<br>23.6 [6.9]<br>3.3 | 39.7 [11.6]<br>21.9 [6.4]<br>3.3 | 38.8 [11.4]<br>29.8 [8.7]<br>3.3  | 38.1 [11.2]<br>28.5 [8.3]<br>3.3 | 37.1 [10.9]<br>26.4 [7.7]<br>3.3 | 35.9 [10.5]<br>34.1 [10.0]<br>3.3 | 35.2 [10.3]<br>32.5 [9.5]<br>3.3  | 34.3 [10.0]<br>30.2 [8.8]<br>3.3  |
|                                           | 110 [43.3] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 40.0 [11.7]<br>23.8 [7.0]<br>3.6 | 39.3 [11.5]<br>22.7 [6.7]<br>3.5 | 38.2 [11.2]<br>21.1 [6.2]<br>3.5 | 37.2 [10.9]<br>28.9 [8.5]<br>3.5  | 36.6 [10.7]<br>27.6 [8.1]<br>3.5 | 35.6 [10.4]<br>25.6 [7.5]<br>3.5 | 34.3 [10.0]<br>33.1 [9.7]<br>3.5  | 33.7 [9.9]<br>31.6 [9.3]<br>3.5   | 32.7 [9.6]<br>29.4 [8.6]<br>3.5   |
|                                           | 115 [46.1] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 38.3 [11.2]<br>22.8 [6.7]<br>3.8 | 37.7 [11.0]<br>21.8 [6.4]<br>3.7 | 36.6 [10.7]<br>20.2 [5.9]<br>3.7 | 35.6 [10.4]<br>27.9 [8.2]<br>3.8  | 35.0 [10.2]<br>26.6 [7.8]<br>3.7 | 34.0 [10.0]<br>24.7 [7.2]<br>3.7 | 32.7 [9.6]<br>32.1 [9.4]<br>3.7   | 32.1 [9.4]<br>30.7 [9.0]<br>3.7   | 31.2 [9.1]<br>28.5 [8.4]<br>3.7   |
|                                           | 120 [48.9] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 36.7 [10.7]<br>21.7 [6.4]<br>4.0 | 36.0 [10.6]<br>20.8 [6.1]<br>4.0 | 35.0 [10.3]<br>19.3 [5.6]<br>3.9 | 33.9 [9.9]<br>26.8 [7.9]<br>4.0   | 33.3 [9.8]<br>25.6 [7.5]<br>3.9  | 32.4 [9.5]<br>23.8 [7.0]<br>3.9  | 31.0 [9.1]<br>31.0 [9.1]<br>4.0   | 30.4 [8.9]<br>29.7 [8.7]<br>3.9   | 29.6 [8.7]<br>27.6 [8.1]<br>3.9   |
|                                           | 125 [51.7] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 34.9 [10.2]<br>20.6 [6.1]<br>4.2 | 34.3 [10.1]<br>19.7 [5.8]<br>4.2 | 33.3 [9.8]<br>18.3 [5.4]<br>4.1  | 32.2 [9.4]<br>25.8 [7.5]<br>4.2   | 31.6 [9.3]<br>24.6 [7.2]<br>4.2  | 30.7 [9.0]<br>22.8 [6.7]<br>4.1  | 29.2 [8.6]<br>29.2 [8.6]<br>4.2   | 28.7 [8.4]<br>28.7 [8.4]<br>4.1   | 27.9 [8.2]<br>26.6 [7.8]<br>4.1   |

DR —Depression ratio  
dbE —Entering air dry bulb  
wbE—Entering air wet bulb

Total —Total capacity x 1000 BTUH  
Sens —Sensible capacity x 1000 BTUH  
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

[ ] Designates Metric Conversions



## GROSS SYSTEMS PERFORMANCE DATA—RGEA14048A

| ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①        |                 |                 |               |             |             |               |             |             |               |             |             |
|--------------------------------------------------|-----------------|-----------------|---------------|-------------|-------------|---------------|-------------|-------------|---------------|-------------|-------------|
| wbE                                              |                 |                 | 71°F [21.7°C] |             |             | 67°F [19.4°C] |             |             | 63°F [17.2°C] |             |             |
| CFM [L/s]                                        |                 |                 | 1700 [802]    | 1550 [732]  | 1320 [623]  | 1700 [802]    | 1550 [732]  | 1320 [623]  | 1700 [802]    | 1550 [732]  | 1320 [623]  |
| DR ①                                             |                 |                 | 0.21          | 0.19        | 0.17        | 0.21          | 0.19        | 0.17        | 0.21          | 0.19        | 0.17        |
| OUTDOOR<br>DRY<br>BULB<br>TEMPERATURE<br>°F [°C] | 75<br>[23.9]    | Total BTUH [kW] | 58.8 [17.2]   | 57.8 [16.9] | 56.3 [16.5] | 55.4 [16.2]   | 54.4 [15.9] | 53.0 [15.5] | 52.6 [15.4]   | 51.7 [15.1] | 50.3 [14.7] |
|                                                  |                 | Sens BTUH [kW]  | 33.0 [9.7]    | 31.6 [9.3]  | 29.4 [8.6]  | 39.1 [11.5]   | 37.4 [11.0] | 34.8 [10.2] | 45.0 [13.2]   | 43.0 [12.6] | 40.1 [11.7] |
|                                                  |                 | Power           | 2.8           | 2.8         | 2.7         | 2.8           | 2.7         | 2.7         | 2.7           | 2.7         | 2.7         |
|                                                  | 80<br>[26.7]    | Total BTUH [kW] | 57.1 [16.7]   | 56.1 [16.4] | 54.6 [16.0] | 53.6 [15.7]   | 52.7 [15.4] | 51.3 [15.0] | 50.8 [14.9]   | 49.9 [14.6] | 48.6 [14.2] |
|                                                  |                 | Sens BTUH [kW]  | 32.2 [9.4]    | 30.8 [9.0]  | 28.7 [8.4]  | 38.3 [11.2]   | 36.6 [10.7] | 34.1 [10.0] | 44.2 [12.9]   | 42.3 [12.4] | 39.3 [11.5] |
|                                                  |                 | Power           | 2.9           | 2.9         | 2.9         | 2.9           | 2.9         | 2.9         | 2.9           | 2.9         | 2.8         |
|                                                  | 85<br>[29.4]    | Total BTUH [kW] | 55.3 [16.2]   | 54.4 [15.9] | 52.9 [15.5] | 51.9 [15.2]   | 51.0 [14.9] | 49.6 [14.5] | 49.1 [14.4]   | 48.2 [14.1] | 46.9 [13.7] |
|                                                  |                 | Sens BTUH [kW]  | 31.4 [9.2]    | 30.0 [8.8]  | 27.9 [8.2]  | 37.4 [11.0]   | 35.8 [10.5] | 33.3 [9.8]  | 43.3 [12.7]   | 41.4 [12.1] | 38.6 [11.3] |
|                                                  |                 | Power           | 3.1           | 3.1         | 3.0         | 3.1           | 3.1         | 3.0         | 3.1           | 3.0         | 3.0         |
|                                                  | 90<br>[32.2]    | Total BTUH [kW] | 53.6 [15.7]   | 52.6 [15.4] | 51.2 [15.0] | 50.1 [14.7]   | 49.2 [14.4] | 47.9 [14.0] | 47.3 [13.9]   | 46.5 [13.6] | 45.2 [13.3] |
|                                                  |                 | Sens BTUH [kW]  | 30.4 [8.9]    | 29.1 [8.5]  | 27.1 [7.9]  | 36.5 [10.7]   | 34.9 [10.2] | 32.5 [9.5]  | 42.4 [12.4]   | 40.6 [11.9] | 37.8 [11.1] |
| Power                                            |                 | 3.3             | 3.3           | 3.2         | 3.3         | 3.2           | 3.2         | 3.2         | 3.2           | 3.2         |             |
| 95<br>[35]                                       | Total BTUH [kW] | 51.8 [15.2]     | 50.9 [14.9]   | 49.5 [14.5] | 48.4 [14.2] | 47.5 [13.9]   | 46.3 [13.6] | 45.6 [13.4] | 44.8 [13.1]   | 43.6 [12.8] |             |
|                                                  | Sens BTUH [kW]  | 29.5 [8.6]      | 28.2 [8.3]    | 26.3 [7.7]  | 35.6 [10.4] | 34.0 [10.0]   | 31.7 [9.3]  | 41.5 [12.1] | 39.7 [11.6]   | 36.9 [10.8] |             |
|                                                  | Power           | 3.5             | 3.5           | 3.4         | 3.5         | 3.4           | 3.4         | 3.4         | 3.4           | 3.4         |             |
| 100<br>[37.8]                                    | Total BTUH [kW] | 50.1 [14.7]     | 49.2 [14.4]   | 47.9 [14.0] | 46.6 [13.7] | 45.8 [13.4]   | 44.6 [13.1] | 43.8 [12.8] | 43.1 [12.6]   | 41.9 [12.3] |             |
|                                                  | Sens BTUH [kW]  | 28.5 [8.4]      | 27.3 [8.0]    | 25.4 [7.4]  | 34.6 [10.1] | 33.1 [9.7]    | 30.8 [9.0]  | 40.5 [11.9] | 38.7 [11.3]   | 36.0 [10.6] |             |
|                                                  | Power           | 3.7             | 3.7           | 3.6         | 3.7         | 3.7           | 3.6         | 3.7         | 3.6           | 3.6         |             |
| 105<br>[40.6]                                    | Total BTUH [kW] | 48.4 [14.2]     | 47.5 [13.9]   | 46.2 [13.5] | 44.9 [13.2] | 44.1 [12.9]   | 42.9 [12.6] | 42.1 [12.3] | 41.4 [12.1]   | 40.3 [11.8] |             |
|                                                  | Sens BTUH [kW]  | 27.5 [8.1]      | 26.3 [7.7]    | 24.5 [7.2]  | 33.6 [9.8]  | 32.1 [9.4]    | 29.9 [8.8]  | 39.4 [11.6] | 37.7 [11.1]   | 35.1 [10.3] |             |
|                                                  | Power           | 4.0             | 3.9           | 3.9         | 3.9         | 3.9           | 3.8         | 3.9         | 3.9           | 3.8         |             |
| 110<br>[43.3]                                    | Total BTUH [kW] | 46.6 [13.7]     | 45.8 [13.4]   | 44.6 [13.1] | 43.2 [12.7] | 42.4 [12.4]   | 41.3 [12.1] | 40.4 [11.8] | 39.7 [11.6]   | 38.6 [11.3] |             |
|                                                  | Sens BTUH [kW]  | 26.4 [7.7]      | 25.3 [7.4]    | 23.5 [6.9]  | 32.5 [9.5]  | 31.1 [9.1]    | 28.9 [8.5]  | 38.4 [11.2] | 36.7 [10.8]   | 34.2 [10.0] |             |
|                                                  | Power           | 4.2             | 4.2           | 4.1         | 4.2         | 4.2           | 4.1         | 4.2         | 4.1           | 4.1         |             |
| 115<br>[46.1]                                    | Total BTUH [kW] | 44.9 [13.2]     | 44.1 [12.9]   | 42.9 [12.6] | 41.5 [12.2] | 40.8 [11.9]   | 39.7 [11.6] | 38.7 [11.3] | 38.0 [11.1]   | 37.0 [10.8] |             |
|                                                  | Sens BTUH [kW]  | 25.3 [7.4]      | 24.2 [7.1]    | 22.6 [6.6]  | 31.4 [9.2]  | 30.0 [8.8]    | 28.0 [8.2]  | 37.3 [10.9] | 35.7 [10.5]   | 33.2 [9.7]  |             |
|                                                  | Power           | 4.5             | 4.5           | 4.4         | 4.5         | 4.4           | 4.4         | 4.4         | 4.4           | 4.4         |             |
| 120<br>[48.9]                                    | Total BTUH [kW] | 43.2 [12.7]     | 42.5 [12.4]   | 41.3 [12.1] | 39.8 [11.7] | 39.1 [11.4]   | 38.0 [11.1] | 37.0 [10.8] | 36.3 [10.6]   | 35.3 [10.4] |             |
|                                                  | Sens BTUH [kW]  | 24.2 [7.1]      | 23.1 [6.8]    | 21.5 [6.3]  | 30.3 [8.9]  | 28.9 [8.5]    | 26.9 [7.9]  | 36.1 [10.6] | 34.6 [10.1]   | 32.2 [9.4]  |             |
|                                                  | Power           | 4.8             | 4.8           | 4.7         | 4.8         | 4.7           | 4.7         | 4.7         | 4.7           | 4.6         |             |
| 125<br>[51.7]                                    | Total BTUH [kW] | 41.5 [12.2]     | 40.8 [12.0]   | 39.7 [11.6] | 38.1 [11.2] | 37.4 [11.0]   | 36.4 [10.7] | 35.3 [10.3] | 34.6 [10.2]   | 33.7 [9.9]  |             |
|                                                  | Sens BTUH [kW]  | 23.0 [6.7]      | 22.0 [6.4]    | 20.5 [6.0]  | 29.1 [8.5]  | 27.8 [8.2]    | 25.9 [7.6]  | 35.0 [10.2] | 33.4 [9.8]    | 31.1 [9.1]  |             |
|                                                  | Power           | 5.1             | 5.1           | 5.0         | 5.1         | 5.0           | 5.0         | 5.1         | 5.0           | 5.0         |             |

DR —Depression ratio  
dbE —Entering air dry bulb  
wbE —Entering air wet bulb

Total —Total capacity x 1000 BTUH  
Sens —Sensible capacity x 1000 BTUH  
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding  $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$ .

[ ] Designates Metric Conversions



# GROSS SYSTEMS PERFORMANCE DATA—RGEA14060A

| ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ① |            |                                            |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |
|-------------------------------------------|------------|--------------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| wbE                                       |            |                                            | 71°F [21.7°C]                     |                                   |                                   | 67°F [19.4°C]                     |                                   |                                   | 63°F [17.2°C]                     |                                   |                                   |
| CFM [L/s]                                 |            |                                            | 1870 [883]                        | 1700 [802]                        | 1440 [680]                        | 1870 [883]                        | 1700 [802]                        | 1440 [680]                        | 1870 [883]                        | 1700 [802]                        | 1440 [680]                        |
| DR ①                                      |            |                                            | 0.14                              | 0.13                              | 0.11                              | 0.14                              | 0.13                              | 0.11                              | 0.14                              | 0.13                              | 0.11                              |
| OUTDOOR DRY BULB TEMPERATURE °F [°C]      | 75 [23.9]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 72.1 [21.1]<br>40.6 [11.9]<br>3.5 | 70.8 [20.7]<br>38.8 [11.4]<br>3.5 | 68.8 [20.2]<br>36.0 [10.6]<br>3.5 | 67.8 [19.9]<br>47.8 [14.0]<br>3.5 | 66.6 [19.5]<br>45.7 [13.4]<br>3.5 | 64.7 [19.0]<br>42.4 [12.4]<br>3.4 | 63.6 [18.6]<br>54.4 [16.0]<br>3.5 | 62.4 [18.3]<br>52.0 [15.2]<br>3.5 | 60.7 [17.8]<br>48.3 [14.2]<br>3.4 |
|                                           | 80 [26.7]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 70.3 [20.6]<br>39.6 [11.6]<br>3.7 | 69.0 [20.2]<br>37.8 [11.1]<br>3.7 | 67.1 [19.7]<br>35.1 [10.3]<br>3.7 | 66.0 [19.3]<br>46.7 [13.7]<br>3.7 | 64.8 [19.0]<br>44.7 [13.1]<br>3.7 | 63.0 [18.5]<br>41.5 [12.2]<br>3.6 | 61.8 [18.1]<br>53.4 [15.6]<br>3.7 | 60.7 [17.8]<br>51.0 [15.0]<br>3.6 | 59.0 [17.3]<br>47.4 [13.9]<br>3.6 |
|                                           | 85 [29.4]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 68.4 [20.0]<br>38.5 [11.3]<br>4.0 | 67.1 [19.7]<br>36.8 [10.8]<br>3.9 | 65.3 [19.1]<br>34.1 [10.0]<br>3.9 | 64.1 [18.8]<br>45.7 [13.4]<br>3.9 | 62.9 [18.4]<br>43.6 [12.8]<br>3.9 | 61.2 [17.9]<br>40.5 [11.9]<br>3.8 | 59.9 [17.5]<br>52.3 [15.3]<br>3.9 | 58.8 [17.2]<br>50.0 [14.6]<br>3.9 | 57.2 [16.7]<br>46.4 [13.6]<br>3.8 |
|                                           | 90 [32.2]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 66.4 [19.5]<br>37.3 [10.9]<br>4.2 | 65.2 [19.1]<br>35.7 [10.5]<br>4.1 | 63.4 [18.6]<br>33.1 [9.7]<br>4.1  | 62.1 [18.2]<br>44.5 [13.1]<br>4.2 | 61.0 [17.9]<br>42.6 [12.5]<br>4.1 | 59.3 [17.4]<br>39.5 [11.6]<br>4.1 | 57.9 [17.0]<br>51.2 [15.0]<br>4.1 | 56.8 [16.7]<br>48.9 [14.3]<br>4.1 | 55.3 [16.2]<br>45.4 [13.3]<br>4.0 |
|                                           | 95 [35]    | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 64.3 [18.8]<br>36.2 [10.6]<br>4.4 | 63.2 [18.5]<br>34.6 [10.1]<br>4.4 | 61.4 [18.0]<br>32.1 [9.4]<br>4.3  | 60.0 [17.6]<br>43.4 [12.7]<br>4.4 | 58.9 [17.3]<br>41.4 [12.1]<br>4.4 | 57.3 [16.8]<br>38.5 [11.3]<br>4.3 | 55.8 [16.4]<br>50.0 [14.7]<br>4.4 | 54.8 [16.1]<br>47.8 [14.0]<br>4.3 | 53.3 [15.6]<br>44.4 [13.0]<br>4.3 |
|                                           | 100 [37.8] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 62.1 [18.2]<br>35.0 [10.3]<br>4.7 | 61.0 [17.9]<br>33.4 [9.8]<br>4.7  | 59.3 [17.4]<br>31.0 [9.1]<br>4.6  | 57.9 [17.0]<br>42.2 [12.4]<br>4.7 | 56.8 [16.7]<br>40.3 [11.8]<br>4.6 | 55.2 [16.2]<br>37.4 [11.0]<br>4.6 | 53.6 [15.7]<br>48.8 [14.3]<br>4.7 | 52.7 [15.4]<br>46.7 [13.7]<br>4.6 | 51.2 [15.0]<br>43.3 [12.7]<br>4.5 |
|                                           | 105 [40.6] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 59.9 [17.5]<br>33.8 [9.9]<br>5.0  | 58.8 [17.2]<br>32.3 [9.5]<br>5.0  | 57.2 [16.8]<br>30.0 [8.8]<br>4.9  | 55.6 [16.3]<br>41.0 [12.0]<br>5.0 | 54.6 [16.0]<br>39.1 [11.5]<br>4.9 | 53.1 [15.6]<br>36.3 [10.6]<br>4.9 | 51.4 [15.1]<br>47.6 [14.0]<br>4.9 | 50.5 [14.8]<br>45.5 [13.3]<br>4.9 | 49.1 [14.4]<br>42.2 [12.4]<br>4.8 |
|                                           | 110 [43.3] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 57.6 [16.9]<br>32.5 [9.5]<br>5.3  | 56.5 [16.6]<br>31.0 [9.1]<br>5.3  | 55.0 [16.1]<br>28.8 [8.4]<br>5.2  | 53.3 [15.6]<br>39.7 [11.6]<br>5.3 | 52.3 [15.3]<br>37.9 [11.1]<br>5.2 | 50.9 [14.9]<br>35.2 [10.3]<br>5.2 | 49.0 [14.4]<br>46.3 [13.6]<br>5.2 | 48.2 [14.1]<br>44.3 [13.0]<br>5.2 | 46.8 [13.7]<br>41.1 [12.0]<br>5.1 |
|                                           | 115 [46.1] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 55.1 [16.2]<br>31.2 [9.1]<br>5.6  | 54.1 [15.9]<br>29.8 [8.7]<br>5.6  | 52.6 [15.4]<br>27.7 [8.1]<br>5.5  | 50.8 [14.9]<br>38.4 [11.2]<br>5.6 | 49.9 [14.6]<br>36.7 [10.7]<br>5.5 | 48.5 [14.2]<br>34.0 [10.0]<br>5.5 | 46.6 [13.7]<br>45.0 [13.2]<br>5.6 | 45.8 [13.4]<br>43.0 [12.6]<br>5.5 | 44.5 [13.0]<br>40.0 [11.7]<br>5.4 |
|                                           | 120 [48.9] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 52.6 [15.4]<br>29.8 [8.7]<br>6.0  | 51.7 [15.1]<br>28.5 [8.4]<br>5.9  | 50.2 [14.7]<br>26.5 [7.8]<br>5.8  | 48.3 [14.2]<br>37.0 [10.8]<br>5.9 | 47.5 [13.9]<br>35.4 [10.4]<br>5.9 | 46.1 [13.5]<br>32.8 [9.6]<br>5.8  | 44.1 [12.9]<br>43.7 [12.8]<br>5.9 | 43.3 [12.7]<br>41.7 [12.2]<br>5.9 | 42.1 [12.3]<br>38.8 [11.4]<br>5.8 |
|                                           | 125 [51.7] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 50.0 [14.7]<br>28.5 [8.3]<br>6.3  | 49.1 [14.4]<br>27.2 [8.0]<br>6.3  | 47.8 [14.0]<br>25.2 [7.4]<br>6.2  | 45.7 [13.4]<br>35.6 [10.4]<br>6.3 | 44.9 [13.2]<br>34.1 [10.0]<br>6.2 | 43.7 [12.8]<br>31.6 [9.3]<br>6.2  | 41.5 [12.2]<br>41.5 [12.2]<br>6.3 | 40.8 [11.9]<br>40.4 [11.8]<br>6.2 | 39.6 [11.6]<br>37.5 [11.0]<br>6.1 |

DR —Depression ratio  
dbE —Entering air dry bulb  
wbE—Entering air wet bulb

Total —Total capacity x 1000 BTUH  
Sens —Sensible capacity x 1000 BTUH  
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

[ ] Designates Metric Conversions



## GROSS SYSTEMS PERFORMANCE DATA— RGEA15024A

| ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①        |                 |                 |               |            |            |               |            |            |               |            |            |
|--------------------------------------------------|-----------------|-----------------|---------------|------------|------------|---------------|------------|------------|---------------|------------|------------|
| wbE                                              |                 |                 | 71°F [21.7°C] |            |            | 67°F [19.4°C] |            |            | 63°F [17.2°C] |            |            |
| CFM [L/s]                                        |                 |                 | 990 [467]     | 900 [425]  | 760 [359]  | 990 [467]     | 900 [425]  | 760 [359]  | 990 [467]     | 900 [425]  | 760 [359]  |
| DR ①                                             |                 |                 | 0.21          | 0.19       | 0.15       | 0.21          | 0.19       | 0.15       | 0.21          | 0.19       | 0.15       |
| OUTDOOR<br>DRY<br>BULB<br>TEMPERATURE<br>°F [°C] | 75<br>[23.9]    | Total BTUH [kW] | 30.9 [9.1]    | 30.4 [8.9] | 29.5 [8.7] | 29.1 [8.5]    | 28.6 [8.4] | 27.8 [8.1] | 27.5 [8.1]    | 27.0 [7.9] | 26.2 [7.7] |
|                                                  |                 | Sens BTUH [kW]  | 18.7 [5.5]    | 17.9 [5.2] | 16.6 [4.9] | 21.9 [6.4]    | 20.9 [6.1] | 19.4 [5.7] | 24.6 [7.2]    | 23.5 [6.9] | 21.8 [6.4] |
|                                                  |                 | Power           | 1.4           | 1.4        | 1.4        | 1.4           | 1.4        | 1.4        | 1.4           | 1.4        | 1.4        |
|                                                  | 80<br>[26.7]    | Total BTUH [kW] | 30.0 [8.8]    | 29.4 [8.6] | 28.6 [8.4] | 28.1 [8.2]    | 27.6 [8.1] | 26.8 [7.9] | 26.5 [7.8]    | 26.0 [7.6] | 25.3 [7.4] |
|                                                  |                 | Sens BTUH [kW]  | 18.2 [5.3]    | 17.4 [5.1] | 16.1 [4.7] | 21.4 [6.3]    | 20.4 [6.0] | 18.9 [5.5] | 24.0 [7.0]    | 23.0 [6.7] | 21.3 [6.2] |
|                                                  |                 | Power           | 1.5           | 1.5        | 1.5        | 1.5           | 1.5        | 1.5        | 1.5           | 1.5        | 1.5        |
|                                                  | 85<br>[29.4]    | Total BTUH [kW] | 29.0 [8.5]    | 28.5 [8.3] | 27.7 [8.1] | 27.1 [8.0]    | 26.7 [7.8] | 25.9 [7.6] | 25.5 [7.5]    | 25.1 [7.3] | 24.4 [7.1] |
|                                                  |                 | Sens BTUH [kW]  | 17.6 [5.2]    | 16.8 [4.9] | 15.6 [4.6] | 20.8 [6.1]    | 19.9 [5.8] | 18.4 [5.4] | 23.5 [6.9]    | 22.4 [6.6] | 20.8 [6.1] |
|                                                  |                 | Power           | 1.6           | 1.6        | 1.6        | 1.6           | 1.6        | 1.6        | 1.6           | 1.6        | 1.6        |
|                                                  | 90<br>[32.2]    | Total BTUH [kW] | 28.0 [8.2]    | 27.5 [8.1] | 26.7 [7.8] | 26.1 [7.7]    | 25.7 [7.5] | 25.0 [7.3] | 24.5 [7.2]    | 24.1 [7.1] | 23.4 [6.9] |
| Sens BTUH [kW]                                   |                 | 17.0 [5.0]      | 16.3 [4.8]    | 15.1 [4.4] | 20.2 [5.9] | 19.3 [5.7]    | 17.9 [5.3] | 22.9 [6.7] | 21.9 [6.4]    | 20.3 [5.9] |            |
| Power                                            |                 | 1.7             | 1.7           | 1.7        | 1.7        | 1.7           | 1.7        | 1.7        | 1.7           | 1.7        |            |
| 95<br>[35]                                       | Total BTUH [kW] | 27.0 [7.9]      | 26.5 [7.8]    | 25.7 [7.5] | 25.1 [7.4] | 24.7 [7.2]    | 24.0 [7.0] | 23.5 [6.9] | 23.1 [6.8]    | 22.4 [6.6] |            |
|                                                  | Sens BTUH [kW]  | 16.5 [4.8]      | 15.7 [4.6]    | 14.6 [4.3] | 19.7 [5.8] | 18.8 [5.5]    | 17.4 [5.1] | 22.3 [6.5] | 21.3 [6.2]    | 19.8 [5.8] |            |
|                                                  | Power           | 1.9             | 1.8           | 1.8        | 1.8        | 1.8           | 1.8        | 1.8        | 1.8           | 1.8        |            |
| 100<br>[37.8]                                    | Total BTUH [kW] | 25.9 [7.6]      | 25.5 [7.5]    | 24.8 [7.3] | 24.1 [7.1] | 23.7 [6.9]    | 23.0 [6.7] | 22.5 [6.6] | 22.1 [6.5]    | 21.5 [6.3] |            |
|                                                  | Sens BTUH [kW]  | 15.9 [4.6]      | 15.2 [4.4]    | 14.1 [4.1] | 19.1 [5.6] | 18.2 [5.3]    | 16.9 [5.0] | 21.7 [6.4] | 20.8 [6.1]    | 19.2 [5.6] |            |
|                                                  | Power           | 2.0             | 2.0           | 1.9        | 2.0        | 2.0           | 1.9        | 2.0        | 1.9           | 1.9        |            |
| 105<br>[40.6]                                    | Total BTUH [kW] | 24.9 [7.3]      | 24.5 [7.2]    | 23.8 [7.0] | 23.1 [6.8] | 22.6 [6.6]    | 22.0 [6.4] | 21.4 [6.3] | 21.1 [6.2]    | 20.5 [6.0] |            |
|                                                  | Sens BTUH [kW]  | 15.3 [4.5]      | 14.6 [4.3]    | 13.5 [4.0] | 18.5 [5.4] | 17.7 [5.2]    | 16.4 [4.8] | 21.1 [6.2] | 20.2 [5.9]    | 18.7 [5.5] |            |
|                                                  | Power           | 2.1             | 2.1           | 2.1        | 2.1        | 2.1           | 2.1        | 2.1        | 2.1           | 2.0        |            |
| 110<br>[43.3]                                    | Total BTUH [kW] | 23.8 [7.0]      | 23.4 [6.9]    | 22.7 [6.7] | 22.0 [6.4] | 21.6 [6.3]    | 21.0 [6.1] | 20.4 [6.0] | 20.0 [5.9]    | 19.4 [5.7] |            |
|                                                  | Sens BTUH [kW]  | 14.7 [4.3]      | 14.0 [4.1]    | 13.0 [3.8] | 17.9 [5.2] | 17.1 [5.0]    | 15.8 [4.6] | 20.4 [6.0] | 19.6 [5.7]    | 18.2 [5.3] |            |
|                                                  | Power           | 2.3             | 2.2           | 2.2        | 2.2        | 2.2           | 2.2        | 2.2        | 2.2           | 2.2        |            |
| 115<br>[46.1]                                    | Total BTUH [kW] | 22.8 [6.7]      | 22.3 [6.5]    | 21.7 [6.4] | 20.9 [6.1] | 20.5 [6.0]    | 19.9 [5.8] | 19.3 [5.7] | 18.9 [5.6]    | 18.4 [5.4] |            |
|                                                  | Sens BTUH [kW]  | 14.1 [4.1]      | 13.4 [3.9]    | 12.5 [3.6] | 17.3 [5.1] | 16.5 [4.8]    | 15.3 [4.5] | 19.3 [5.7] | 18.9 [5.6]    | 17.6 [5.2] |            |
|                                                  | Power           | 2.4             | 2.4           | 2.3        | 2.4        | 2.4           | 2.3        | 2.4        | 2.4           | 2.3        |            |
| 120<br>[48.9]                                    | Total BTUH [kW] | 21.7 [6.3]      | 21.3 [6.2]    | 20.7 [6.1] | 19.8 [5.8] | 19.5 [5.7]    | 18.9 [5.5] | 18.2 [5.3] | 17.9 [5.2]    | 17.4 [5.1] |            |
|                                                  | Sens BTUH [kW]  | 13.4 [3.9]      | 12.8 [3.8]    | 11.9 [3.5] | 16.6 [4.9] | 15.9 [4.7]    | 14.7 [4.3] | 18.2 [5.3] | 17.9 [5.2]    | 17.1 [5.0] |            |
|                                                  | Power           | 2.6             | 2.5           | 2.5        | 2.5        | 2.5           | 2.5        | 2.5        | 2.5           | 2.5        |            |
| 125<br>[51.7]                                    | Total BTUH [kW] | 20.5 [6.0]      | 20.2 [5.9]    | 19.6 [5.7] | 18.7 [5.5] | 18.4 [5.4]    | 17.8 [5.2] | 17.1 [5.0] | 16.8 [4.9]    | 16.3 [4.8] |            |
|                                                  | Sens BTUH [kW]  | 12.8 [3.8]      | 12.2 [3.6]    | 11.3 [3.3] | 16.0 [4.7] | 15.3 [4.5]    | 14.2 [4.2] | 17.1 [5.0] | 16.8 [4.9]    | 16.3 [4.8] |            |
|                                                  | Power           | 2.7             | 2.7           | 2.7        | 2.7        | 2.7           | 2.7        | 2.7        | 2.7           | 2.6        |            |

DR —Depression ratio  
dbE —Entering air dry bulb  
wbE —Entering air wet bulb

Total —Total capacity x 1000 BTUH  
Sens —Sensible capacity x 1000 BTUH  
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

[ ] Designates Metric Conversions



# GROSS SYSTEMS PERFORMANCE DATA—RGEA15030A

| ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ① |            |                                            |                                  |                                  |                                  |                                  |                                 |                                 |                                 |                                 |                                 |
|-------------------------------------------|------------|--------------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| wbE                                       |            |                                            | 71°F [21.7°C]                    |                                  |                                  | 67°F [19.4°C]                    |                                 |                                 | 63°F [17.2°C]                   |                                 |                                 |
| CFM [L/s]                                 |            |                                            | 1070 [505]                       | 975 [460]                        | 830 [392]                        | 1070 [505]                       | 975 [460]                       | 830 [392]                       | 1070 [505]                      | 975 [460]                       | 830 [392]                       |
| DR ①                                      |            |                                            | 0.16                             | 0.14                             | 0.1                              | 0.16                             | 0.14                            | 0.1                             | 0.16                            | 0.14                            | 0.1                             |
| OUTDOOR DRY BULB TEMPERATURE °F [°C]      | 75 [23.9]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 36.8 [10.8]<br>21.5 [6.3]<br>1.7 | 36.1 [10.6]<br>20.5 [6.0]<br>1.7 | 35.2 [10.3]<br>19.1 [5.6]<br>1.6 | 34.3 [10.1]<br>25.1 [7.4]<br>1.7 | 33.7 [9.9]<br>24.0 [7.0]<br>1.6 | 32.8 [9.6]<br>22.4 [6.6]<br>1.6 | 32.4 [9.5]<br>28.3 [8.3]<br>1.6 | 31.8 [9.3]<br>27.1 [7.9]<br>1.6 | 31.0 [9.1]<br>25.2 [7.4]<br>1.6 |
|                                           | 80 [26.7]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 35.7 [10.5]<br>21.0 [6.1]<br>1.8 | 35.1 [10.3]<br>20.1 [5.9]<br>1.7 | 34.2 [10.0]<br>18.7 [5.5]<br>1.7 | 33.3 [9.7]<br>24.7 [7.2]<br>1.7  | 32.7 [9.6]<br>23.6 [6.9]<br>1.7 | 31.8 [9.3]<br>21.9 [6.4]<br>1.7 | 31.3 [9.2]<br>27.8 [8.2]<br>1.7 | 30.8 [9.0]<br>26.6 [7.8]<br>1.7 | 30.0 [8.8]<br>24.8 [7.3]<br>1.7 |
|                                           | 85 [29.4]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 34.7 [10.2]<br>20.5 [6.0]<br>1.9 | 34.1 [10.0]<br>19.6 [5.7]<br>1.8 | 33.2 [9.7]<br>18.2 [5.3]<br>1.8  | 32.2 [9.4]<br>24.2 [7.1]<br>1.8  | 31.7 [9.3]<br>23.1 [6.8]<br>1.8 | 30.8 [9.0]<br>21.5 [6.3]<br>1.8 | 30.3 [8.9]<br>27.4 [8.0]<br>1.8 | 29.8 [8.7]<br>26.2 [7.7]<br>1.8 | 29.0 [8.5]<br>24.3 [7.1]<br>1.8 |
|                                           | 90 [32.2]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 33.7 [9.9]<br>20.0 [5.9]<br>2.0  | 33.1 [9.7]<br>19.1 [5.6]<br>1.9  | 32.2 [9.4]<br>17.8 [5.2]<br>1.9  | 31.2 [9.1]<br>23.6 [6.9]<br>1.9  | 30.6 [9.0]<br>22.6 [6.6]<br>1.9 | 29.8 [8.7]<br>21.0 [6.2]<br>1.9 | 29.2 [8.6]<br>26.8 [7.9]<br>1.9 | 28.7 [8.4]<br>25.7 [7.5]<br>1.9 | 28.0 [8.2]<br>23.9 [7.0]<br>1.9 |
|                                           | 95 [35]    | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 32.6 [9.5]<br>19.4 [5.7]<br>2.1  | 32.0 [9.4]<br>18.6 [5.4]<br>2.1  | 31.2 [9.1]<br>17.3 [5.1]<br>2.0  | 30.1 [8.8]<br>23.1 [6.8]<br>2.1  | 29.6 [8.7]<br>22.1 [6.5]<br>2.0 | 28.8 [8.4]<br>20.5 [6.0]<br>2.0 | 28.2 [8.3]<br>26.3 [7.7]<br>2.0 | 27.7 [8.1]<br>25.1 [7.4]<br>2.0 | 26.9 [7.9]<br>23.4 [6.9]<br>2.0 |
|                                           | 100 [37.8] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 31.5 [9.2]<br>18.8 [5.5]<br>2.2  | 31.0 [9.1]<br>18.0 [5.3]<br>2.2  | 30.1 [8.8]<br>16.8 [4.9]<br>2.1  | 29.0 [8.5]<br>22.5 [6.6]<br>2.2  | 28.5 [8.4]<br>21.5 [6.3]<br>2.2 | 27.7 [8.1]<br>20.0 [5.9]<br>2.1 | 27.1 [7.9]<br>25.7 [7.5]<br>2.2 | 26.6 [7.8]<br>24.6 [7.2]<br>2.1 | 25.9 [7.6]<br>22.9 [6.7]<br>2.1 |
|                                           | 105 [40.6] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 30.4 [8.9]<br>18.2 [5.3]<br>2.3  | 29.9 [8.8]<br>17.4 [5.1]<br>2.3  | 29.1 [8.5]<br>16.2 [4.8]<br>2.3  | 27.9 [8.2]<br>21.9 [6.4]<br>2.3  | 27.4 [8.0]<br>20.9 [6.1]<br>2.3 | 26.7 [7.8]<br>19.5 [5.7]<br>2.3 | 26.0 [7.6]<br>25.1 [7.4]<br>2.3 | 25.6 [7.5]<br>24.0 [7.0]<br>2.3 | 24.9 [7.3]<br>22.3 [6.5]<br>2.2 |
|                                           | 110 [43.3] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 29.3 [8.6]<br>17.6 [5.2]<br>2.5  | 28.8 [8.4]<br>16.8 [4.9]<br>2.4  | 28.0 [8.2]<br>15.7 [4.6]<br>2.4  | 26.8 [7.9]<br>21.3 [6.2]<br>2.4  | 26.4 [7.7]<br>20.3 [6.0]<br>2.4 | 25.6 [7.5]<br>18.9 [5.5]<br>2.4 | 24.9 [7.3]<br>24.4 [7.2]<br>2.4 | 24.5 [7.2]<br>23.4 [6.9]<br>2.4 | 23.8 [7.0]<br>21.8 [6.4]<br>2.4 |
|                                           | 115 [46.1] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 28.2 [8.3]<br>16.9 [5.0]<br>2.6  | 27.7 [8.1]<br>16.2 [4.7]<br>2.6  | 27.0 [7.9]<br>15.1 [4.4]<br>2.5  | 25.7 [7.5]<br>20.6 [6.0]<br>2.6  | 25.3 [7.4]<br>19.7 [5.8]<br>2.6 | 24.6 [7.2]<br>18.3 [5.4]<br>2.5 | 23.8 [7.0]<br>23.8 [7.0]<br>2.6 | 23.4 [6.8]<br>22.7 [6.7]<br>2.6 | 22.7 [6.7]<br>21.2 [6.2]<br>2.5 |
|                                           | 120 [48.9] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 27.1 [7.9]<br>16.2 [4.8]<br>2.8  | 26.6 [7.8]<br>15.5 [4.5]<br>2.7  | 25.9 [7.6]<br>14.4 [4.2]<br>2.7  | 24.6 [7.2]<br>19.9 [5.8]<br>2.7  | 24.2 [7.1]<br>19.0 [5.6]<br>2.7 | 23.5 [6.9]<br>17.7 [5.2]<br>2.7 | 22.7 [6.6]<br>22.7 [6.6]<br>2.7 | 22.3 [6.5]<br>22.1 [6.5]<br>2.7 | 21.7 [6.3]<br>20.5 [6.0]<br>2.7 |
|                                           | 125 [51.7] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 25.9 [7.6]<br>15.5 [4.5]<br>2.9  | 25.5 [7.5]<br>14.8 [4.3]<br>2.9  | 24.8 [7.3]<br>13.8 [4.0]<br>2.8  | 23.4 [6.9]<br>19.2 [5.6]<br>2.9  | 23.0 [6.7]<br>18.3 [5.4]<br>2.9 | 22.4 [6.6]<br>17.1 [5.0]<br>2.8 | 21.5 [6.3]<br>21.5 [6.3]<br>2.9 | 21.1 [6.2]<br>21.1 [6.2]<br>2.9 | 20.6 [6.0]<br>19.9 [5.8]<br>2.8 |

DR —Depression ratio  
dbE —Entering air dry bulb  
wbE—Entering air wet bulb

Total —Total capacity x 1000 BTUH  
Sens —Sensible capacity x 1000 BTUH  
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

[ ] Designates Metric Conversions



## GROSS SYSTEMS PERFORMANCE DATA—RGEA15036A

| ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①        |                 |                 |               |             |             |               |             |             |               |             |             |
|--------------------------------------------------|-----------------|-----------------|---------------|-------------|-------------|---------------|-------------|-------------|---------------|-------------|-------------|
| wbE                                              |                 |                 | 71°F [21.7°C] |             |             | 67°F [19.4°C] |             |             | 63°F [17.2°C] |             |             |
| CFM [L/s]                                        |                 |                 | 1320 [623]    | 1200 [566]  | 1020 [481]  | 1320 [623]    | 1200 [566]  | 1020 [481]  | 1320 [623]    | 1200 [566]  | 1020 [481]  |
| DR ①                                             |                 |                 | 0.19          | 0.18        | 0.15        | 0.19          | 0.18        | 0.15        | 0.19          | 0.18        | 0.15        |
| OUTDOOR<br>DRY<br>BULB<br>TEMPERATURE<br>°F [°C] | 75<br>[23.9]    | Total BTUH [kW] | 44.8 [13.1]   | 44.0 [12.9] | 42.8 [12.5] | 41.9 [12.3]   | 41.1 [12.1] | 40.0 [11.7] | 38.9 [11.4]   | 38.2 [11.2] | 37.2 [10.9] |
|                                                  |                 | Sens BTUH [kW]  | 26.2 [7.7]    | 25.0 [7.3]  | 23.3 [6.8]  | 30.6 [9.0]    | 29.2 [8.6]  | 27.2 [8.0]  | 33.9 [9.9]    | 32.4 [9.5]  | 30.1 [8.8]  |
|                                                  |                 | Power           | 2.0           | 2.0         | 2.0         | 2.0           | 2.0         | 2.0         | 2.0           | 2.0         | 2.0         |
|                                                  | 80<br>[26.7]    | Total BTUH [kW] | 43.5 [12.8]   | 42.7 [12.5] | 41.6 [12.2] | 40.6 [11.9]   | 39.9 [11.7] | 38.8 [11.4] | 37.6 [11.0]   | 36.9 [10.8] | 35.9 [10.5] |
|                                                  |                 | Sens BTUH [kW]  | 25.4 [7.5]    | 24.3 [7.1]  | 22.6 [6.6]  | 29.9 [8.7]    | 28.5 [8.4]  | 26.5 [7.8]  | 33.2 [9.7]    | 31.7 [9.3]  | 29.5 [8.6]  |
|                                                  |                 | Power           | 2.1           | 2.1         | 2.1         | 2.1           | 2.1         | 2.1         | 2.1           | 2.1         | 2.1         |
|                                                  | 85<br>[29.4]    | Total BTUH [kW] | 42.2 [12.4]   | 41.4 [12.1] | 40.3 [11.8] | 39.3 [11.5]   | 38.6 [11.3] | 37.5 [11.0] | 36.3 [10.6]   | 35.6 [10.4] | 34.6 [10.2] |
|                                                  |                 | Sens BTUH [kW]  | 24.7 [7.2]    | 23.6 [6.9]  | 21.9 [6.4]  | 29.1 [8.5]    | 27.8 [8.1]  | 25.9 [7.6]  | 32.4 [9.5]    | 31.0 [9.1]  | 28.8 [8.4]  |
|                                                  |                 | Power           | 2.3           | 2.2         | 2.2         | 2.2           | 2.2         | 2.2         | 2.2           | 2.2         | 2.2         |
|                                                  | 90<br>[32.2]    | Total BTUH [kW] | 40.9 [12.0]   | 40.1 [11.8] | 39.0 [11.4] | 37.9 [11.1]   | 37.2 [10.9] | 36.2 [10.6] | 34.9 [10.2]   | 34.3 [10.1] | 33.4 [9.8]  |
|                                                  |                 | Sens BTUH [kW]  | 23.9 [7.0]    | 22.9 [6.7]  | 21.3 [6.2]  | 28.3 [8.3]    | 27.1 [7.9]  | 25.2 [7.4]  | 31.6 [9.3]    | 30.2 [8.9]  | 28.1 [8.2]  |
| Power                                            |                 | 2.4             | 2.4           | 2.3         | 2.4         | 2.4           | 2.3         | 2.4         | 2.3           | 2.3         |             |
| 95<br>[35]                                       | Total BTUH [kW] | 39.5 [11.6]     | 38.8 [11.4]   | 37.7 [11.1] | 36.6 [10.7] | 35.9 [10.5]   | 34.9 [10.2] | 33.6 [9.8]  | 33.0 [9.7]    | 32.1 [9.4]  |             |
|                                                  | Sens BTUH [kW]  | 23.1 [6.8]      | 22.1 [6.5]    | 20.6 [6.0]  | 27.5 [8.1]  | 26.3 [7.7]    | 24.5 [7.2]  | 30.9 [9.0]  | 29.5 [8.6]    | 27.4 [8.0]  |             |
|                                                  | Power           | 2.5             | 2.5           | 2.5         | 2.5         | 2.5           | 2.5         | 2.5         | 2.5           | 2.5         |             |
| 100<br>[37.8]                                    | Total BTUH [kW] | 38.1 [11.2]     | 37.5 [11.0]   | 36.4 [10.7] | 35.2 [10.3] | 34.6 [10.1]   | 33.6 [9.9]  | 32.2 [9.4]  | 31.6 [9.3]    | 30.8 [9.0]  |             |
|                                                  | Sens BTUH [kW]  | 22.3 [6.5]      | 21.3 [6.3]    | 19.9 [5.8]  | 26.7 [7.8]  | 25.6 [7.5]    | 23.8 [7.0]  | 30.1 [8.8]  | 28.7 [8.4]    | 26.7 [7.8]  |             |
|                                                  | Power           | 2.7             | 2.7           | 2.6         | 2.7         | 2.7           | 2.6         | 2.7         | 2.6           | 2.6         |             |
| 105<br>[40.6]                                    | Total BTUH [kW] | 36.8 [10.8]     | 36.1 [10.6]   | 35.1 [10.3] | 33.8 [9.9]  | 33.2 [9.7]    | 32.3 [9.5]  | 30.8 [9.0]  | 30.3 [8.9]    | 29.5 [8.6]  |             |
|                                                  | Sens BTUH [kW]  | 21.5 [6.3]      | 20.6 [6.0]    | 19.1 [5.6]  | 25.9 [7.6]  | 24.8 [7.3]    | 23.0 [6.7]  | 29.2 [8.6]  | 27.9 [8.2]    | 26.0 [7.6]  |             |
|                                                  | Power           | 2.9             | 2.8           | 2.8         | 2.8         | 2.8           | 2.8         | 2.8         | 2.8           | 2.8         |             |
| 110<br>[43.3]                                    | Total BTUH [kW] | 35.4 [10.4]     | 34.7 [10.2]   | 33.8 [9.9]  | 32.4 [9.5]  | 31.9 [9.3]    | 31.0 [9.1]  | 29.4 [8.6]  | 28.9 [8.5]    | 28.1 [8.2]  |             |
|                                                  | Sens BTUH [kW]  | 20.7 [6.1]      | 19.8 [5.8]    | 18.4 [5.4]  | 25.1 [7.4]  | 24.0 [7.0]    | 22.3 [6.5]  | 28.4 [8.3]  | 27.1 [8.0]    | 25.2 [7.4]  |             |
|                                                  | Power           | 3.0             | 3.0           | 3.0         | 3.0         | 3.0           | 3.0         | 3.0         | 3.0           | 2.9         |             |
| 115<br>[46.1]                                    | Total BTUH [kW] | 34.0 [10.0]     | 33.4 [9.8]    | 32.4 [9.5]  | 31.0 [9.1]  | 30.5 [8.9]    | 29.6 [8.7]  | 28.0 [8.2]  | 27.5 [8.1]    | 26.8 [7.8]  |             |
|                                                  | Sens BTUH [kW]  | 19.8 [5.8]      | 18.9 [5.5]    | 17.6 [5.2]  | 24.2 [7.1]  | 23.1 [6.8]    | 21.5 [6.3]  | 27.5 [8.1]  | 26.3 [7.7]    | 24.5 [7.2]  |             |
|                                                  | Power           | 3.2             | 3.2           | 3.2         | 3.2         | 3.2           | 3.1         | 3.2         | 3.2           | 3.1         |             |
| 120<br>[48.9]                                    | Total BTUH [kW] | 32.5 [9.5]      | 32.0 [9.4]    | 31.1 [9.1]  | 29.6 [8.7]  | 29.1 [8.5]    | 28.3 [8.3]  | 26.6 [7.8]  | 26.1 [7.7]    | 25.4 [7.4]  |             |
|                                                  | Sens BTUH [kW]  | 18.9 [5.6]      | 18.1 [5.3]    | 16.8 [4.9]  | 23.3 [6.8]  | 22.3 [6.5]    | 20.7 [6.1]  | 26.6 [7.8]  | 25.5 [7.5]    | 23.7 [6.9]  |             |
|                                                  | Power           | 3.4             | 3.4           | 3.4         | 3.4         | 3.4           | 3.3         | 3.4         | 3.4           | 3.3         |             |
| 125<br>[51.7]                                    | Total BTUH [kW] | 31.1 [9.1]      | 30.5 [9.0]    | 29.7 [8.7]  | 28.2 [8.3]  | 27.7 [8.1]    | 26.9 [7.9]  | 25.2 [7.4]  | 24.7 [7.2]    | 24.1 [7.0]  |             |
|                                                  | Sens BTUH [kW]  | 18.0 [5.3]      | 17.2 [5.1]    | 16.0 [4.7]  | 22.4 [6.6]  | 21.4 [6.3]    | 19.9 [5.8]  | 25.2 [7.4]  | 24.6 [7.2]    | 22.9 [6.7]  |             |
|                                                  | Power           | 3.6             | 3.6           | 3.6         | 3.6         | 3.6           | 3.6         | 3.6         | 3.6           | 3.5         |             |

DR —Depression ratio  
dbE —Entering air dry bulb  
wbE —Entering air wet bulb

Total —Total capacity x 1000 BTUH  
Sens —Sensible capacity x 1000 BTUH  
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding  $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$ .

[ ] Designates Metric Conversions



# GROSS SYSTEMS PERFORMANCE DATA—RGEA15042A

| ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ① |            |                                            |                                  |                                  |                                  |                                  |                                  |                                  |                                   |                                   |                                   |
|-------------------------------------------|------------|--------------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| wbE                                       |            |                                            | 71°F [21.7°C]                    |                                  |                                  | 67°F [19.4°C]                    |                                  |                                  | 63°F [17.2°C]                     |                                   |                                   |
| CFM [L/s]                                 |            |                                            | 1430 [675]                       | 1300 [614]                       | 1100 [519]                       | 1430 [675]                       | 1300 [614]                       | 1100 [519]                       | 1430 [675]                        | 1300 [614]                        | 1100 [519]                        |
| DR ①                                      |            |                                            | 0.17                             | 0.16                             | 0.13                             | 0.17                             | 0.16                             | 0.13                             | 0.17                              | 0.16                              | 0.13                              |
| OUTDOOR DRY BULB TEMPERATURE °F [°C]      | 75 [23.9]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 50.1 [14.7]<br>28.6 [8.4]<br>2.4 | 49.2 [14.4]<br>27.3 [8.0]<br>2.3 | 47.8 [14.0]<br>25.3 [7.4]<br>2.3 | 47.2 [13.8]<br>33.9 [9.9]<br>2.4 | 46.4 [13.6]<br>32.4 [9.5]<br>2.3 | 45.1 [13.2]<br>30.0 [8.8]<br>2.3 | 44.7 [13.1]<br>38.8 [11.4]<br>2.3 | 43.9 [12.9]<br>37.1 [10.9]<br>2.3 | 42.7 [12.5]<br>34.4 [10.1]<br>2.3 |
|                                           | 80 [26.7]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 48.8 [14.3]<br>27.9 [8.2]<br>2.5 | 47.9 [14.0]<br>26.7 [7.8]<br>2.5 | 46.6 [13.6]<br>24.8 [7.3]<br>2.5 | 45.9 [13.5]<br>33.2 [9.7]<br>2.5 | 45.1 [13.2]<br>31.8 [9.3]<br>2.5 | 43.8 [12.8]<br>29.5 [8.6]<br>2.4 | 43.4 [12.7]<br>38.1 [11.2]<br>2.5 | 42.6 [12.5]<br>36.4 [10.7]<br>2.5 | 41.5 [12.1]<br>33.8 [9.9]<br>2.4  |
|                                           | 85 [29.4]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 47.4 [13.9]<br>27.2 [8.0]<br>2.7 | 46.6 [13.7]<br>26.0 [7.6]<br>2.6 | 45.3 [13.3]<br>24.2 [7.1]<br>2.6 | 44.6 [13.1]<br>32.6 [9.5]<br>2.6 | 43.8 [12.8]<br>31.1 [9.1]<br>2.6 | 42.6 [12.5]<br>28.9 [8.5]<br>2.6 | 42.1 [12.3]<br>37.5 [11.0]<br>2.6 | 41.3 [12.1]<br>35.8 [10.5]<br>2.6 | 40.2 [11.8]<br>33.2 [9.7]<br>2.6  |
|                                           | 90 [32.2]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 46.1 [13.5]<br>26.5 [7.8]<br>2.8 | 45.3 [13.3]<br>25.3 [7.4]<br>2.8 | 44.0 [12.9]<br>23.5 [6.9]<br>2.8 | 43.2 [12.7]<br>31.8 [9.3]<br>2.8 | 42.5 [12.4]<br>30.4 [8.9]<br>2.8 | 41.3 [12.1]<br>28.2 [8.3]<br>2.7 | 40.7 [11.9]<br>36.8 [10.8]<br>2.8 | 40.0 [11.7]<br>35.1 [10.3]<br>2.8 | 38.9 [11.4]<br>32.6 [9.6]<br>2.7  |
|                                           | 95 [35]    | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 44.7 [13.1]<br>25.8 [7.6]<br>3.0 | 43.9 [12.9]<br>24.6 [7.2]<br>3.0 | 42.7 [12.5]<br>22.9 [6.7]<br>2.9 | 41.8 [12.3]<br>31.1 [9.1]<br>3.0 | 41.1 [12.0]<br>29.7 [8.7]<br>3.0 | 39.9 [11.7]<br>27.6 [8.1]<br>2.9 | 39.3 [11.5]<br>36.0 [10.5]<br>3.0 | 38.6 [11.3]<br>34.4 [10.1]<br>2.9 | 37.5 [11.0]<br>31.9 [9.4]<br>2.9  |
|                                           | 100 [37.8] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 43.3 [12.7]<br>25.0 [7.3]<br>3.2 | 42.5 [12.4]<br>23.9 [7.0]<br>3.2 | 41.3 [12.1]<br>22.1 [6.5]<br>3.1 | 40.4 [11.8]<br>30.3 [8.9]<br>3.2 | 39.7 [11.6]<br>28.9 [8.5]<br>3.1 | 38.6 [11.3]<br>26.9 [7.9]<br>3.1 | 37.9 [11.1]<br>35.2 [10.3]<br>3.2 | 37.2 [10.9]<br>33.6 [9.9]<br>3.1  | 36.2 [10.6]<br>31.2 [9.1]<br>3.1  |
|                                           | 105 [40.6] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 41.8 [12.2]<br>24.1 [7.1]<br>3.4 | 41.0 [12.0]<br>23.1 [6.8]<br>3.4 | 39.9 [11.7]<br>21.4 [6.3]<br>3.3 | 38.9 [11.4]<br>29.4 [8.6]<br>3.4 | 38.2 [11.2]<br>28.1 [8.2]<br>3.3 | 37.2 [10.9]<br>26.1 [7.7]<br>3.3 | 36.4 [10.7]<br>34.4 [10.1]<br>3.4 | 35.8 [10.5]<br>32.8 [9.6]<br>3.3  | 34.8 [10.2]<br>30.5 [8.9]<br>3.3  |
|                                           | 110 [43.3] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 40.3 [11.8]<br>23.3 [6.8]<br>3.6 | 39.6 [11.6]<br>22.2 [6.5]<br>3.6 | 38.5 [11.3]<br>20.6 [6.0]<br>3.5 | 37.4 [11.0]<br>28.6 [8.4]<br>3.6 | 36.8 [10.8]<br>27.3 [8.0]<br>3.5 | 35.7 [10.5]<br>25.3 [7.4]<br>3.5 | 34.9 [10.2]<br>33.5 [9.8]<br>3.6  | 34.3 [10.1]<br>32.0 [9.4]<br>3.5  | 33.3 [9.8]<br>29.7 [8.7]<br>3.5   |
|                                           | 115 [46.1] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 38.7 [11.4]<br>22.3 [6.5]<br>3.8 | 38.0 [11.1]<br>21.4 [6.3]<br>3.8 | 37.0 [10.8]<br>19.8 [5.8]<br>3.7 | 35.9 [10.5]<br>27.7 [8.1]<br>3.8 | 35.3 [10.3]<br>26.4 [7.7]<br>3.8 | 34.3 [10.0]<br>24.5 [7.2]<br>3.7 | 33.4 [9.8]<br>32.6 [9.5]<br>3.8   | 32.8 [9.6]<br>31.1 [9.1]<br>3.7   | 31.9 [9.3]<br>28.9 [8.5]<br>3.7   |
|                                           | 120 [48.9] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 37.2 [10.9]<br>21.4 [6.3]<br>4.0 | 36.5 [10.7]<br>20.4 [6.0]<br>4.0 | 35.5 [10.4]<br>19.0 [5.6]<br>3.9 | 34.3 [10.1]<br>26.7 [7.8]<br>4.0 | 33.7 [9.9]<br>25.5 [7.5]<br>4.0  | 32.8 [9.6]<br>23.7 [6.9]<br>3.9  | 31.8 [9.3]<br>31.6 [9.3]<br>4.0   | 31.2 [9.2]<br>30.2 [8.9]<br>4.0   | 30.4 [8.9]<br>28.0 [8.2]<br>3.9   |
|                                           | 125 [51.7] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 35.6 [10.4]<br>20.4 [6.0]<br>4.3 | 34.9 [10.2]<br>19.5 [5.7]<br>4.2 | 33.9 [9.9]<br>18.1 [5.3]<br>4.2  | 32.7 [9.6]<br>25.7 [7.5]<br>4.3  | 32.1 [9.4]<br>24.6 [7.2]<br>4.2  | 31.2 [9.2]<br>22.8 [6.7]<br>4.2  | 30.2 [8.8]<br>30.2 [8.8]<br>4.2   | 29.7 [8.7]<br>29.3 [8.6]<br>4.2   | 28.8 [8.4]<br>27.2 [8.0]<br>4.1   |

DR —Depression ratio  
dbE —Entering air dry bulb  
wbE—Entering air wet bulb

Total —Total capacity x 1000 BTUH  
Sens —Sensible capacity x 1000 BTUH  
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

[ ] Designates Metric Conversions



## GROSS SYSTEMS PERFORMANCE DATA—RGEA15048A

| ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①        |                 |                 |               |             |             |               |             |             |               |             |             |
|--------------------------------------------------|-----------------|-----------------|---------------|-------------|-------------|---------------|-------------|-------------|---------------|-------------|-------------|
| wbE                                              |                 |                 | 71°F [21.7°C] |             |             | 67°F [19.4°C] |             |             | 63°F [17.2°C] |             |             |
| CFM [L/s]                                        |                 |                 | 1700 [802]    | 1550 [732]  | 1320 [623]  | 1700 [802]    | 1550 [732]  | 1320 [623]  | 1700 [802]    | 1550 [732]  | 1320 [623]  |
| DR ①                                             |                 |                 | 0.19          | 0.18        | 0.15        | 0.19          | 0.18        | 0.15        | 0.19          | 0.18        | 0.15        |
| OUTDOOR<br>DRY<br>BULB<br>TEMPERATURE<br>°F [°C] | 75<br>[23.9]    | Total BTUH [kW] | 58.3 [17.1]   | 57.3 [16.8] | 55.8 [16.3] | 54.6 [16.0]   | 53.7 [15.7] | 52.2 [15.3] | 51.6 [15.1]   | 50.7 [14.9] | 49.3 [14.5] |
|                                                  |                 | Sens BTUH [kW]  | 33.2 [9.7]    | 31.8 [9.3]  | 29.6 [8.7]  | 39.2 [11.5]   | 37.5 [11.0] | 34.9 [10.2] | 44.7 [13.1]   | 42.8 [12.5] | 39.8 [11.7] |
|                                                  |                 | Power           | 2.7           | 2.6         | 2.6         | 2.7           | 2.6         | 2.6         | 2.6           | 2.6         | 2.6         |
|                                                  | 80<br>[26.7]    | Total BTUH [kW] | 56.8 [16.7]   | 55.8 [16.4] | 54.3 [15.9] | 53.1 [15.6]   | 52.2 [15.3] | 50.8 [14.9] | 50.1 [14.7]   | 49.2 [14.4] | 47.9 [14.0] |
|                                                  |                 | Sens BTUH [kW]  | 32.5 [9.5]    | 31.1 [9.1]  | 28.9 [8.5]  | 38.5 [11.3]   | 36.8 [10.8] | 34.3 [10.0] | 44.0 [12.9]   | 42.1 [12.3] | 39.2 [11.5] |
|                                                  |                 | Power           | 2.8           | 2.8         | 2.8         | 2.8           | 2.8         | 2.7         | 2.8           | 2.8         | 2.7         |
|                                                  | 85<br>[29.4]    | Total BTUH [kW] | 55.3 [16.2]   | 54.3 [15.9] | 52.8 [15.5] | 51.5 [15.1]   | 50.6 [14.8] | 49.3 [14.4] | 48.5 [14.2]   | 47.7 [14.0] | 46.4 [13.6] |
|                                                  |                 | Sens BTUH [kW]  | 31.7 [9.3]    | 30.3 [8.9]  | 28.2 [8.3]  | 37.7 [11.0]   | 36.0 [10.6] | 33.6 [9.8]  | 43.2 [12.7]   | 41.3 [12.1] | 38.4 [11.3] |
|                                                  |                 | Power           | 3.0           | 2.9         | 2.9         | 2.9           | 2.9         | 2.9         | 2.9           | 2.9         | 2.9         |
|                                                  | 90<br>[32.2]    | Total BTUH [kW] | 53.6 [15.7]   | 52.7 [15.4] | 51.3 [15.0] | 49.9 [14.6]   | 49.0 [14.4] | 47.7 [14.0] | 46.9 [13.7]   | 46.1 [13.5] | 44.8 [13.1] |
| Sens BTUH [kW]                                   |                 | 30.8 [9.0]      | 29.5 [8.6]    | 27.4 [8.0]  | 36.8 [10.8] | 35.2 [10.3]   | 32.8 [9.6]  | 42.3 [12.4] | 40.5 [11.9]   | 37.7 [11.0] |             |
| Power                                            |                 | 3.1             | 3.1           | 3.1         | 3.1         | 3.1           | 3.0         | 3.1         | 3.1           | 3.0         |             |
| 95<br>[35]                                       | Total BTUH [kW] | 51.9 [15.2]     | 51.0 [14.9]   | 49.6 [14.5] | 48.2 [14.1] | 47.3 [13.9]   | 46.1 [13.5] | 45.2 [13.2] | 44.4 [13.0]   | 43.2 [12.7] |             |
|                                                  | Sens BTUH [kW]  | 29.9 [8.8]      | 28.6 [8.4]    | 26.6 [7.8]  | 35.9 [10.5] | 34.3 [10.1]   | 32.0 [9.4]  | 41.4 [12.1] | 39.6 [11.6]   | 36.8 [10.8] |             |
|                                                  | Power           | 3.3             | 3.3           | 3.2         | 3.3         | 3.3           | 3.2         | 3.3         | 3.3           | 3.2         |             |
| 100<br>[37.8]                                    | Total BTUH [kW] | 50.1 [14.7]     | 49.2 [14.4]   | 47.9 [14.0] | 46.4 [13.6] | 45.6 [13.4]   | 44.3 [13.0] | 43.4 [12.7] | 42.6 [12.5]   | 41.5 [12.2] |             |
|                                                  | Sens BTUH [kW]  | 28.9 [8.5]      | 27.6 [8.1]    | 25.7 [7.5]  | 34.9 [10.2] | 33.4 [9.8]    | 31.1 [9.1]  | 40.4 [11.8] | 38.6 [11.3]   | 36.0 [10.5] |             |
|                                                  | Power           | 3.5             | 3.5           | 3.4         | 3.5         | 3.5           | 3.4         | 3.5         | 3.4           | 3.4         |             |
| 105<br>[40.6]                                    | Total BTUH [kW] | 48.2 [14.1]     | 47.4 [13.9]   | 46.1 [13.5] | 44.5 [13.0] | 43.7 [12.8]   | 42.6 [12.5] | 41.5 [12.2] | 40.8 [12.0]   | 39.7 [11.6] |             |
|                                                  | Sens BTUH [kW]  | 27.8 [8.2]      | 26.6 [7.8]    | 24.8 [7.3]  | 33.8 [9.9]  | 32.4 [9.5]    | 30.1 [8.8]  | 39.3 [11.5] | 37.6 [11.0]   | 35.0 [10.3] |             |
|                                                  | Power           | 3.7             | 3.7           | 3.6         | 3.7         | 3.7           | 3.6         | 3.7         | 3.7           | 3.6         |             |
| 110<br>[43.3]                                    | Total BTUH [kW] | 46.3 [13.6]     | 45.5 [13.3]   | 44.3 [13.0] | 42.6 [12.5] | 41.9 [12.3]   | 40.7 [11.9] | 39.6 [11.6] | 38.9 [11.4]   | 37.9 [11.1] |             |
|                                                  | Sens BTUH [kW]  | 26.7 [7.8]      | 25.6 [7.5]    | 23.8 [7.0]  | 32.7 [9.6]  | 31.3 [9.2]    | 29.1 [8.5]  | 38.2 [11.2] | 36.6 [10.7]   | 34.0 [10.0] |             |
|                                                  | Power           | 3.9             | 3.9           | 3.9         | 3.9         | 3.9           | 3.8         | 3.9         | 3.9           | 3.8         |             |
| 115<br>[46.1]                                    | Total BTUH [kW] | 44.3 [13.0]     | 43.5 [12.8]   | 42.4 [12.4] | 40.6 [11.9] | 39.9 [11.7]   | 38.8 [11.4] | 37.6 [11.0] | 36.9 [10.8]   | 35.9 [10.5] |             |
|                                                  | Sens BTUH [kW]  | 25.5 [7.5]      | 24.4 [7.2]    | 22.7 [6.7]  | 31.6 [9.2]  | 30.2 [8.8]    | 28.1 [8.2]  | 37.1 [10.9] | 35.5 [10.4]   | 33.0 [9.7]  |             |
|                                                  | Power           | 4.2             | 4.2           | 4.1         | 4.2         | 4.1           | 4.1         | 4.2         | 4.1           | 4.1         |             |
| 120<br>[48.9]                                    | Total BTUH [kW] | 42.2 [12.4]     | 41.5 [12.2]   | 40.4 [11.8] | 38.5 [11.3] | 37.9 [11.1]   | 36.8 [10.8] | 35.5 [10.4] | 34.9 [10.2]   | 34.0 [10.0] |             |
|                                                  | Sens BTUH [kW]  | 24.3 [7.1]      | 23.3 [6.8]    | 21.7 [6.3]  | 30.3 [8.9]  | 29.0 [8.5]    | 27.0 [7.9]  | 35.5 [10.4] | 34.3 [10.0]   | 31.9 [9.3]  |             |
|                                                  | Power           | 4.4             | 4.4           | 4.3         | 4.4         | 4.4           | 4.3         | 4.4         | 4.4           | 4.3         |             |
| 125<br>[51.7]                                    | Total BTUH [kW] | 40.1 [11.8]     | 39.4 [11.5]   | 38.3 [11.2] | 36.4 [10.7] | 35.7 [10.5]   | 34.8 [10.2] | 33.4 [9.8]  | 32.8 [9.6]    | 31.9 [9.4]  |             |
|                                                  | Sens BTUH [kW]  | 23.0 [6.7]      | 22.0 [6.5]    | 20.5 [6.0]  | 29.0 [8.5]  | 27.8 [8.1]    | 25.9 [7.6]  | 33.4 [9.8]  | 32.8 [9.6]    | 30.8 [9.0]  |             |
|                                                  | Power           | 4.7             | 4.7           | 4.6         | 4.7         | 4.6           | 4.6         | 4.7         | 4.6           | 4.6         |             |



# GROSS SYSTEMS PERFORMANCE DATA – RGEA15060A

| ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ① |            |                                            |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |
|-------------------------------------------|------------|--------------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| wbE                                       |            |                                            | 71°F [21.7°C]                     |                                   |                                   | 67°F [19.4°C]                     |                                   |                                   | 63°F [17.2°C]                     |                                   |                                   |
| CFM [L/s]                                 |            |                                            | 2040 [963]                        | 1850 [873]                        | 1570 [741]                        | 2040 [963]                        | 1850 [873]                        | 1570 [741]                        | 2040 [963]                        | 1850 [873]                        | 1570 [741]                        |
| DR ①                                      |            |                                            | 0.15                              | 0.14                              | 0.11                              | 0.15                              | 0.14                              | 0.11                              | 0.15                              | 0.14                              | 0.11                              |
| OUTDOOR DRY BULB TEMPERATURE °F [°C]      | 75 [23.9]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 73.0 [21.4]<br>42.4 [12.4]<br>3.6 | 71.7 [21.0]<br>40.5 [11.9]<br>3.6 | 69.7 [20.4]<br>37.6 [11.0]<br>3.5 | 69.2 [20.3]<br>50.0 [14.6]<br>3.6 | 67.9 [19.9]<br>47.7 [14.0]<br>3.5 | 66.0 [19.3]<br>44.3 [13.0]<br>3.5 | 65.8 [19.3]<br>56.9 [16.7]<br>3.5 | 64.6 [18.9]<br>54.3 [15.9]<br>3.5 | 62.8 [18.4]<br>50.5 [14.8]<br>3.4 |
|                                           | 80 [26.7]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 70.9 [20.8]<br>41.3 [12.1]<br>3.8 | 69.6 [20.4]<br>39.4 [11.6]<br>3.7 | 67.7 [19.8]<br>36.6 [10.7]<br>3.7 | 67.1 [19.6]<br>48.8 [14.3]<br>3.7 | 65.8 [19.3]<br>46.6 [13.7]<br>3.7 | 64.0 [18.8]<br>43.3 [12.7]<br>3.6 | 63.7 [18.7]<br>55.8 [16.4]<br>3.7 | 62.5 [18.3]<br>53.2 [15.6]<br>3.7 | 60.8 [17.8]<br>49.5 [14.5]<br>3.6 |
|                                           | 85 [29.4]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 68.8 [20.2]<br>40.1 [11.8]<br>4.0 | 67.6 [19.8]<br>38.3 [11.2]<br>3.9 | 65.7 [19.3]<br>35.6 [10.4]<br>3.9 | 64.9 [19.0]<br>47.7 [14.0]<br>3.9 | 63.7 [18.7]<br>45.5 [13.3]<br>3.9 | 62.0 [18.2]<br>42.3 [12.4]<br>3.8 | 61.5 [18.0]<br>54.6 [16.0]<br>3.9 | 60.4 [17.7]<br>52.1 [15.3]<br>3.8 | 58.8 [17.2]<br>48.5 [14.2]<br>3.8 |
|                                           | 90 [32.2]  | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 66.7 [19.5]<br>38.9 [11.4]<br>4.2 | 65.4 [19.2]<br>37.2 [10.9]<br>4.1 | 63.6 [18.6]<br>34.5 [10.1]<br>4.1 | 62.8 [18.4]<br>46.5 [13.6]<br>4.1 | 61.6 [18.1]<br>44.3 [13.0]<br>4.1 | 59.9 [17.6]<br>41.2 [12.1]<br>4.0 | 59.4 [17.4]<br>53.4 [15.7]<br>4.1 | 58.3 [17.1]<br>51.0 [14.9]<br>4.0 | 56.7 [16.6]<br>47.4 [13.9]<br>4.0 |
|                                           | 95 [35]    | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 64.5 [18.9]<br>37.7 [11.0]<br>4.4 | 63.3 [18.5]<br>36.0 [10.5]<br>4.3 | 61.5 [18.0]<br>33.4 [9.8]<br>4.3  | 60.6 [17.7]<br>45.2 [13.3]<br>4.3 | 59.5 [17.4]<br>43.2 [12.6]<br>4.3 | 57.8 [16.9]<br>40.1 [11.8]<br>4.2 | 57.2 [16.8]<br>52.2 [15.3]<br>4.3 | 56.1 [16.5]<br>49.8 [14.6]<br>4.3 | 54.6 [16.0]<br>46.3 [13.6]<br>4.2 |
|                                           | 100 [37.8] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 62.2 [18.2]<br>36.4 [10.7]<br>4.6 | 61.1 [17.9]<br>34.7 [10.2]<br>4.6 | 59.4 [17.4]<br>32.3 [9.5]<br>4.5  | 58.3 [17.1]<br>43.9 [12.9]<br>4.6 | 57.3 [16.8]<br>41.9 [12.3]<br>4.5 | 55.7 [16.3]<br>39.0 [11.4]<br>4.5 | 55.0 [16.1]<br>50.9 [14.9]<br>4.5 | 54.0 [15.8]<br>48.6 [14.2]<br>4.5 | 52.5 [15.4]<br>45.1 [13.2]<br>4.4 |
|                                           | 105 [40.6] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 60.0 [17.6]<br>35.1 [10.3]<br>4.9 | 58.9 [17.3]<br>33.5 [9.8]<br>4.8  | 57.3 [16.8]<br>31.1 [9.1]<br>4.8  | 56.1 [16.4]<br>42.6 [12.5]<br>4.8 | 55.1 [16.1]<br>40.7 [11.9]<br>4.8 | 53.5 [15.7]<br>37.8 [11.1]<br>4.7 | 52.7 [15.4]<br>49.6 [14.5]<br>4.8 | 51.8 [15.2]<br>47.3 [13.9]<br>4.8 | 50.3 [14.7]<br>44.0 [12.9]<br>4.7 |
|                                           | 110 [43.3] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 57.7 [16.9]<br>33.7 [9.9]<br>5.2  | 56.6 [16.6]<br>32.2 [9.4]<br>5.1  | 55.1 [16.1]<br>29.9 [8.8]<br>5.0  | 53.8 [15.8]<br>41.2 [12.1]<br>5.1 | 52.8 [15.5]<br>39.3 [11.5]<br>5.1 | 51.4 [15.1]<br>36.6 [10.7]<br>5.0 | 50.4 [14.8]<br>48.2 [14.1]<br>5.1 | 49.5 [14.5]<br>46.0 [13.5]<br>5.0 | 48.1 [14.1]<br>42.7 [12.5]<br>5.0 |
|                                           | 115 [46.1] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 55.4 [16.2]<br>32.3 [9.5]<br>5.4  | 54.4 [15.9]<br>30.8 [9.0]<br>5.4  | 52.9 [15.5]<br>28.6 [8.4]<br>5.3  | 51.5 [15.1]<br>39.8 [11.7]<br>5.4 | 50.5 [14.8]<br>38.0 [11.1]<br>5.4 | 49.2 [14.4]<br>35.3 [10.3]<br>5.3 | 48.1 [14.1]<br>46.8 [13.7]<br>5.4 | 47.2 [13.8]<br>44.6 [13.1]<br>5.3 | 45.9 [13.5]<br>41.5 [12.2]<br>5.2 |
|                                           | 120 [48.9] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 53.0 [15.5]<br>30.8 [9.0]<br>5.8  | 52.1 [15.3]<br>29.4 [8.6]<br>5.7  | 50.6 [14.8]<br>27.3 [8.0]<br>5.6  | 49.1 [14.4]<br>38.4 [11.2]<br>5.7 | 48.2 [14.1]<br>36.6 [10.7]<br>5.7 | 46.9 [13.7]<br>34.0 [10.0]<br>5.6 | 45.8 [13.4]<br>45.3 [13.3]<br>5.7 | 44.9 [13.2]<br>43.2 [12.7]<br>5.6 | 43.7 [12.8]<br>40.2 [11.8]<br>5.5 |
|                                           | 125 [51.7] | Total BTUH [kW]<br>Sens BTUH [kW]<br>Power | 50.7 [14.8]<br>29.3 [8.6]<br>6.1  | 49.7 [14.6]<br>28.0 [8.2]<br>6.0  | 48.4 [14.2]<br>26.0 [7.6]<br>6.0  | 46.8 [13.7]<br>36.9 [10.8]<br>6.0 | 45.9 [13.5]<br>35.2 [10.3]<br>6.0 | 44.6 [13.1]<br>32.7 [9.6]<br>5.9  | 43.4 [12.7]<br>43.4 [12.7]<br>6.0 | 42.6 [12.5]<br>41.8 [12.3]<br>6.0 | 41.4 [12.1]<br>38.9 [11.4]<br>5.9 |

DR —Depression ratio  
dbE —Entering air dry bulb  
wbE—Entering air wet bulb

Total —Total capacity x 1000 BTUH  
Sens —Sensible capacity x 1000 BTUH  
Power —KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding  $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$ .

[ ] Designates Metric Conversions



Air

Indoor Airflow Performance

RGEA14 Series

## INDOOR AIRFLOW PERFORMANCE RGEA14 - 208 VOLTS

| External Static Pressure - Inches W.C. [kPa]<br>(Side Discharge-Dry Coil) |                          |                        |                                |                                                    |                                                     |                        |           |            |            |            |            |            |            |            |            |           |  |
|---------------------------------------------------------------------------|--------------------------|------------------------|--------------------------------|----------------------------------------------------|-----------------------------------------------------|------------------------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|--|
| Nominal Cooling Capacity Tons [kW]                                        | Motor Speed from Factory |                        | Heating Input BTU/HR [kW]      | Manufacturer Recommended Cooling Airflow (Min/Max) | Blower Size/ Motor HP [W] & # of Speeds             | Motor Speed / Tap      | 0.1 [.02] | 0.2 [.05]  | 0.3 [.07]  | 0.4 [.10]  | 0.5 [.12]  | 0.6 [.15]  | 0.7 [.17]  | 0.8 [.20]  | 0.9 [.22]  | 1.0 [.25] |  |
|                                                                           | Cool                     | Heat                   |                                |                                                    |                                                     |                        |           |            |            |            |            |            |            |            |            |           |  |
| 2.0 [7.03]                                                                | High                     | High                   | 40,000 [11.72]                 | 700 CFM / 950 CFM                                  | 9x7 Blower 1/4 HP [186] 2 Speed (PSC Motor)         | Low                    | CFM       | 706 [333]  | 685 [323]  | 661 [312]  | 614 [290]  | 523 [247]  | 437 [206]  | 334 [158]  |            |           |  |
|                                                                           |                          |                        | RPM                            |                                                    |                                                     |                        | 844       | 886        | 943        | 989        | 1036       | 1067       | 1095       |            |            |           |  |
|                                                                           | High                     |                        | 60,000 [17.58]                 |                                                    |                                                     |                        | CFM       | 925 [437]  | 874 [412]  | 813 [384]  | 763 [360]  | 681 [321]  | 534 [252]  | 441 [208]  |            |           |  |
| 2.5 [8.79]                                                                | Low                      | High                   |                                | 850 CFM / 1150 CFM                                 | 10x9 Blower 1/2 HP [372] 3 Speed (PSC Motor)        | Med                    | RPM       | 1004       | 1027       | 1058       | 1070       | 1091       | 1116       | 1128       |            |           |  |
|                                                                           |                          |                        | Watts                          |                                                    |                                                     |                        | 253       | 238        | 220        | 210        | 192        | 167        | 155        |            |            |           |  |
|                                                                           | Low                      |                        | 60,000 [17.58]                 |                                                    |                                                     |                        | CFM       | 967 [456]  | 947 [447]  | 892 [421]  | 813 [384]  | 740 [349]  | 681 [321]  | 613 [289]  | 504 [238]  |           |  |
| 3.0 [10.55]                                                               | High                     | Low                    |                                | 1000 CFM / 1400 CFM                                | 12x9T Blower 1/2 HP [372] 2 Speed (PSC Motor)       | Low                    | RPM       | 819        | 876        | 916        | 966        | 995        | 1018       | 1040       | 1066       |           |  |
|                                                                           |                          |                        | Watts                          |                                                    |                                                     |                        | 339       | 322        | 302        | 279        | 261        | 246        | 230        | 205        |            |           |  |
|                                                                           | High                     |                        | 80,000 [23.45]                 |                                                    |                                                     |                        | CFM       | 1119 [528] | 1081 [510] | 1029 [486] | 968 [457]  | 851 [402]  | 774 [365]  | 699 [330]  | 613 [289]  |           |  |
| 3.5 [12.31]                                                               | Tap 5                    | High                   |                                | 1200 CFM / 1600 CFM                                | 12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque) | Med                    | RPM       | 891        | 930        | 965        | 995        | 1026       | 1047       | 1059       | 1078       |           |  |
|                                                                           |                          |                        | Watts                          |                                                    |                                                     |                        | 391       | 375        | 354        | 330        | 297        | 278        | 263        | 241        |            |           |  |
|                                                                           | High                     |                        | 100,000 [29.31]                |                                                    |                                                     |                        | CFM       | 1311 [619] | 1249 [589] | 1168 [551] | 1089 [514] | 985 [465]  | 861 [406]  | 779 [368]  | 699 [330]  |           |  |
| 3.5 [12.31]                                                               | Tap 5                    | High                   |                                | 1200 CFM / 1600 CFM                                | 12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque) | High                   | RPM       | 1010       | 1031       | 1046       | 1066       | 1080       | 1095       | 1106       | 1113       |           |  |
|                                                                           |                          |                        | Watts                          |                                                    |                                                     |                        | 458       | 437        | 409        | 387        | 360        | 332        | 314        | 300        |            |           |  |
|                                                                           | High                     |                        | 60,000 [17.58]                 |                                                    |                                                     |                        | CFM       | 1163 [549] | 1115 [526] | 1075 [507] | 1012 [478] | 926 [437]  | 841 [397]  | 753 [355]  | 647 [305]  |           |  |
| 3.5 [12.31]                                                               | Tap 5                    | High                   |                                | 1200 CFM / 1600 CFM                                | 12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque) | Low                    | RPM       | 771        | 804        | 844        | 870        | 910        | 932        | 968        | 992        |           |  |
|                                                                           |                          |                        | Watts                          |                                                    |                                                     |                        | 392       | 387        | 380        | 367        | 356        | 345        | 330        | 316        |            |           |  |
|                                                                           | High                     |                        | 80,000 [23.45] 100,000 [29.31] |                                                    |                                                     |                        | CFM       | 1543 [728] | 1484 [700] | 1422 [671] | 1345 [635] | 1251 [590] | 1177 [555] | 1071 [505] | 939 [443]  |           |  |
| 3.5 [12.31]                                                               | Tap 5                    | High                   |                                | 1200 CFM / 1600 CFM                                | 12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque) | High                   | RPM       | 939        | 957        | 975        | 1345       | 1251       | 1177       | 1037       | 1051       |           |  |
|                                                                           |                          |                        | Watts                          |                                                    |                                                     |                        | 586       | 572        | 555        | 1345       | 1251       | 1177       | 481        | 459        |            |           |  |
|                                                                           | Tap 2                    |                        | 80,000 [23.45]                 |                                                    |                                                     |                        | CFM       | 1346 [635] | 1304 [615] | 1264 [597] | 1232 [581] | 1185 [559] | 1139 [538] | 1092 [515] | 1048 [495] |           |  |
| 3.5 [12.31]                                                               | Tap 5                    | Tap 2                  |                                | 1200 CFM / 1600 CFM                                | 12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque) | Tap 1 Unused           | RPM       | 819        | 850        | 883        | 906        | 944        | 972        | 1014       | 1047       |           |  |
|                                                                           |                          |                        | Watts                          |                                                    |                                                     |                        | 291       | 302        | 310        | 319        | 333        | 338        | 353        | 362        |            |           |  |
|                                                                           | Tap 5                    |                        | 80,000 [23.45]                 |                                                    |                                                     |                        | CFM       | 1346 [635] | 1304 [615] | 1264 [597] | 1232 [581] | 1185 [559] | 1139 [538] | 1092 [515] | 1048 [495] |           |  |
| 3.5 [12.31]                                                               | Tap 5                    | Tap 2                  |                                | 1200 CFM / 1600 CFM                                | 12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque) | Tap 2 80K              | RPM       | 819        | 850        | 883        | 906        | 944        | 972        | 1014       | 1047       |           |  |
|                                                                           |                          |                        | Watts                          |                                                    |                                                     |                        | 291       | 302        | 310        | 319        | 333        | 338        | 353        | 362        |            |           |  |
|                                                                           | Tap 5                    |                        | 100,000 [29.31]                |                                                    |                                                     |                        | CFM       | 1411 [666] | 1375 [649] | 1343 [634] | 1315 [621] | 1269 [599] | 1242 [586] | 1203 [568] | 1133 [535] |           |  |
| 3.5 [12.31]                                                               | Tap 5                    | Tap 3                  |                                | 1200 CFM / 1600 CFM                                | 12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque) | Tap 3 100K             | RPM       | 862        | 886        | 915        | 951        | 975        | 1011       | 1025       | 1074       |           |  |
|                                                                           |                          |                        | Watts                          |                                                    |                                                     |                        | 340       | 345        | 356        | 371        | 380        | 393        | 397        | 413        |            |           |  |
|                                                                           | Tap 5                    |                        | 100,000 [29.31]                |                                                    |                                                     |                        | CFM       | 1346 [635] | 1304 [615] | 1264 [597] | 1232 [581] | 1185 [559] | 1139 [538] | 1092 [515] | 1048 [495] |           |  |
| 3.5 [12.31]                                                               | Tap 5                    | Tap 4 Low Static Cool  |                                | 1200 CFM / 1600 CFM                                | 12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque) | Tap 4 Low Static Cool  | RPM       | 819        | 850        | 883        | 906        | 944        | 972        | 1014       | 1047       |           |  |
|                                                                           |                          |                        | Watts                          |                                                    |                                                     |                        | 291       | 302        | 310        | 319        | 333        | 338        | 353        | 362        |            |           |  |
|                                                                           | Tap 5                    |                        | 100,000 [29.31]                |                                                    |                                                     |                        | CFM       | 1596 [753] | 1547 [730] | 1520 [717] | 1499 [707] | 1471 [694] | 1421 [671] | 1383 [653] | 1332 [629] |           |  |
| 3.5 [12.31]                                                               | Tap 5                    | Tap 5 High Static Cool |                                | 1200 CFM / 1600 CFM                                | 12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque) | Tap 5 High Static Cool | RPM       | 940        | 973        | 988        | 1020       | 1038       | 1068       | 1102       | 1122       |           |  |
|                                                                           |                          |                        | Watts                          |                                                    |                                                     |                        | 461       | 475        | 484        | 497        | 503        | 516        | 527        | 531        |            |           |  |

Note: Set 3-1/2 through 5 ton Cool to Tap 4 for AHRI rated performance

[ ] Designates Metric Conversions



# INDOOR AIRFLOW PERFORMANCE RGEA14 - 208 VOLTS (continued)

| Nominal Cooling Capacity Tons [kW] | Motor Speed from Factory |                 | Heating Input BTU/HR [kW] | Manufacturer Recommended Cooling Airflow (Min/Max) | Blower Size/ Motor HP [W] & # of Speeds             | Motor Speed / Tap      | External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil) |            |            |            |            |            |            |            |            |            |            |           |     |
|------------------------------------|--------------------------|-----------------|---------------------------|----------------------------------------------------|-----------------------------------------------------|------------------------|------------------------------------------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|-----|
|                                    | Cool                     | Heat            |                           |                                                    |                                                     |                        | 0.1 [.02]                                                              | 0.2 [.05]  | 0.3 [.07]  | 0.4 [.10]  | 0.5 [.12]  | 0.6 [.15]  | 0.7 [.17]  | 0.8 [.20]  | 0.9 [.22]  | 1.0 [.25]  |            |           |     |
| 4.0 [14.07]                        | Tap 5                    | Tap 2           | 80,000 [23.45]            | 1350 CFM / 1850 CFM                                | 12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque) | Tap 1 Unused           | CFM                                                                    | 1367 [645] | 1327 [626] | 1299 [613] | 1248 [589] | 1203 [568] | 1162 [548] | 1127 [532] | 1064 [502] | 965 [455]  | 902 [426]  |           |     |
|                                    |                          |                 |                           |                                                    |                                                     |                        | RPM                                                                    | 744        | 778        | 260        | 271        | 277        | 289        | 301        | 311        | 323        | 340        | 347       |     |
|                                    |                          |                 |                           |                                                    |                                                     |                        | Watts                                                                  | 247        | 260        | 271        | 277        | 289        | 301        | 311        | 323        | 340        | 374        | 388       |     |
|                                    |                          |                 |                           |                                                    |                                                     | Tap 3                  | Tap 2 80K                                                              | CFM        | 1367 [645] | 1327 [626] | 1299 [613] | 1248 [589] | 1203 [568] | 1162 [548] | 1127 [532] | 1064 [502] | 965 [455]  | 902 [426] |     |
|                                    |                          |                 |                           |                                                    |                                                     |                        |                                                                        | RPM        | 744        | 778        | 260        | 271        | 277        | 289        | 301        | 311        | 323        | 340       | 374 |
|                                    |                          |                 |                           |                                                    |                                                     |                        |                                                                        | Watts      | 247        | 260        | 271        | 277        | 289        | 301        | 311        | 323        | 340        | 374       | 388 |
|                                    | Tap 5                    | Tap 3           | 100,000 [29.31]           | 1350 CFM / 1850 CFM                                |                                                     | Tap 4 Low Static Cool  | CFM                                                                    | 1452 [685] | 1402 [662] | 1367 [645] | 1327 [626] | 1283 [606] | 1247 [589] | 1205 [569] | 1183 [558] | 1103 [521] | 1007 [475] |           |     |
|                                    |                          |                 |                           |                                                    |                                                     |                        | RPM                                                                    | 778        | 808        | 839        | 870        | 895        | 930        | 962        | 993        | 1035       | 1078       |           |     |
|                                    |                          |                 |                           |                                                    |                                                     |                        | Watts                                                                  | 287        | 295        | 306        | 320        | 324        | 337        | 349        | 360        | 374        | 388        |           |     |
|                                    |                          |                 |                           |                                                    |                                                     | Tap 5 High Static Cool | CFM                                                                    | 1652 [780] | 1621 [765] | 1583 [747] | 1539 [726] | 1512 [714] | 1478 [698] | 1422 [671] | 1408 [665] | 1354 [639] | 1332 [629] |           |     |
|                                    |                          |                 |                           |                                                    |                                                     |                        | RPM                                                                    | 870        | 895        | 919        | 949        | 969        | 1000       | 1032       | 1049       | 1071       | 1107       |           |     |
|                                    |                          |                 |                           |                                                    |                                                     |                        | Watts                                                                  | 408        | 423        | 433        | 445        | 455        | 464        | 477        | 483        | 496        | 507        |           |     |
| 5.0 [17.59]                        | Tap 5                    | Tap 1           | 100,000 [29.31]           | 1600 CFM / 2100 CFM                                | 12x9R Blower 1 HP [746] 5 Speed (Constant Torque)   | Tap 1 100K Heat        | CFM                                                                    | 1993 [941] | 1941 [916] | 1890 [892] | 1874 [884] | 1822 [860] | 1755 [828] | 1698 [801] | 1627 [768] | 1552 [732] | 1442 [681] |           |     |
|                                    |                          |                 |                           |                                                    |                                                     |                        | RPM                                                                    | 988        | 1021       | 1035       | 1064       | 1087       | 1103       | 1113       | 1121       | 1131       | 1142       |           |     |
|                                    |                          |                 |                           |                                                    |                                                     |                        | Watts                                                                  | 666        | 681        | 687        | 701        | 706        | 693        | 677        | 654        | 632        | 592        |           |     |
|                                    |                          |                 |                           |                                                    |                                                     | Tap 2 Unused           | CFM                                                                    | 1442 [681] | 1409 [665] | 1344 [634] | 1341 [633] | 1291 [609] | 1227 [579] | 1199 [566] | 1136 [536] | 1065 [503] | 1006 [475] |           |     |
|                                    |                          |                 |                           |                                                    |                                                     |                        | RPM                                                                    | 823        | 843        | 872        | 883        | 916        | 944        | 968        | 997        | 1035       | 1059       |           |     |
|                                    |                          |                 |                           |                                                    |                                                     |                        | Watts                                                                  | 318        | 330        | 337        | 341        | 354        | 364        | 373        | 381        | 396        | 404        |           |     |
|                                    | Tap 5                    | Tap 1           | 100,000 [29.31]           | 1600 CFM / 2100 CFM                                |                                                     | Tap 3 Low Cool         | CFM                                                                    | 1235 [583] | 1184 [559] | 1106 [522] | 1078 [509] | 1021 [482] | 957 [452]  | 897 [423]  | 843 [398]  | 791 [373]  | 742 [350]  |           |     |
|                                    |                          |                 |                           |                                                    |                                                     |                        | RPM                                                                    | 733        | 765        | 811        | 828        | 866        | 895        | 929        | 954        | 977        | 1005       |           |     |
|                                    |                          |                 |                           |                                                    |                                                     |                        | Watts                                                                  | 218        | 227        | 242        | 245        | 258        | 266        | 276        | 285        | 287        | 300        |           |     |
|                                    |                          |                 |                           |                                                    |                                                     | Tap 4 Med Cool         | CFM                                                                    | 1738 [820] | 1680 [793] | 1663 [785] | 1626 [767] | 1603 [757] | 1554 [733] | 1503 [709] | 1445 [682] | 1432 [676] | 1386 [654] |           |     |
|                                    |                          |                 |                           |                                                    |                                                     |                        | RPM                                                                    | 933        | 969        | 979        | 1001       | 1021       | 1045       | 1066       | 1100       | 1104       | 1125       |           |     |
|                                    |                          |                 |                           |                                                    |                                                     |                        | Watts                                                                  | 505        | 526        | 529        | 541        | 545        | 562        | 567        | 585        | 586        | 593        |           |     |
| Tap 5                              | Tap 1                    | 100,000 [29.31] | 1600 CFM / 2100 CFM       | Tap 5 High Cool                                    | CFM                                                 | 1884 [889]             | 1882 [888]                                                             | 1841 [869] | 1801 [850] | 1760 [831] | 1680 [793] | 1651 [779] | 1584 [748] | 1508 [712] | 1428 [674] |            |            |           |     |
|                                    |                          |                 |                           |                                                    | RPM                                                 | 999                    | 1014                                                                   | 1048       | 1064       | 1072       | 1105       | 1121       | 1131       | 1142       | 1147       |            |            |           |     |
|                                    |                          |                 |                           |                                                    | Watts                                               | 636                    | 646                                                                    | 661        | 672        | 675        | 688        | 686        | 678        | 662        | 635        |            |            |           |     |
|                                    |                          |                 |                           | Tap 5 High Cool                                    | CFM                                                 | 2081 [982]             | 1969 [929]                                                             | 2001 [944] | 1960 [925] | 1896 [895] | 1818 [858] | 1764 [833] | 1664 [785] | 1593 [752] | 1499 [707] |            |            |           |     |
|                                    |                          |                 |                           |                                                    | RPM                                                 | 1050                   | 1102                                                                   | 1095       | 1104       | 1115       | 1126       | 1130       | 1140       | 1143       | 1147       |            |            |           |     |
|                                    |                          |                 |                           |                                                    | Watts                                               | 790                    | 815                                                                    | 819        | 813        | 793        | 772        | 749        | 725        | 699        | 663        |            |            |           |     |

Note: Set 3-1/2 through 5 ton Cool to Tap 4 for AHRI rated performance

| DOWN DISCHARGE PRESSURE DROP (ADD TO EXTERNAL STATIC PRESSURE) |            |            |            |            |            |
|----------------------------------------------------------------|------------|------------|------------|------------|------------|
| CFM [L/s]                                                      | 800 [378]  | 1000 [472] | 1200 [566] | 1400 [661] | 1600 [755] |
| Pressure Drop—Includes W.C. [kPa]                              | .02 [.005] | .05 [.012] | .07 [.017] | .1 [.025]  | .12 [.030] |
|                                                                |            |            |            |            | .17 [.042] |

[ ] Designates Metric Conversions



Air

Indoor Airflow Performance

RGEA14 Series

## INDOOR AIRFLOW PERFORMANCE RGEA14 - 230 VOLTS

| Nominal Cooling Capacity Tons [kW] | Motor Speed from Factory |       | Heating Input BTU/HR [kW]      | Manufacturer Recommended Cooling Airflow (Min/Max) | Blower Size/ Motor HP [W] & # of Speeds             | Motor Speed / Tap | External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil) |            |            |            |            |            |            |            |            |           |  |
|------------------------------------|--------------------------|-------|--------------------------------|----------------------------------------------------|-----------------------------------------------------|-------------------|------------------------------------------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|--|
|                                    |                          |       |                                |                                                    |                                                     |                   | 0.1 [.02]                                                              | 0.2 [.05]  | 0.3 [.07]  | 0.4 [.10]  | 0.5 [.12]  | 0.6 [.15]  | 0.7 [.17]  | 0.8 [.20]  | 0.9 [.22]  | 1.0 [.25] |  |
|                                    | Cool                     | Heat  |                                |                                                    |                                                     |                   |                                                                        |            |            |            |            |            |            |            |            |           |  |
| 2.0 [7.03]                         | High                     | High  | 40,000 [11.72]                 | 700 CFM / 950 CFM                                  | 9x7 Blower 1/4 HP [186] 2 Speed (PSC Motor)         | Low               | CFM                                                                    | 822 [388]  | 789 [372]  | 750 [354]  | 696 [328]  | 624 [294]  | 496 [234]  | 402 [190]  |            |           |  |
|                                    |                          |       | RPM                            |                                                    |                                                     |                   | 917                                                                    | 954        | 994        | 1031       | 1051       | 1075       | 1105       |            |            |           |  |
|                                    | High                     | High  | 60,000 [17.58]                 |                                                    |                                                     |                   | CFM                                                                    | 992 [468]  | 928 [438]  | 873 [412]  | 810 [382]  | 741 [350]  | 659 [311]  | 490 [231]  |            |           |  |
|                                    |                          |       | RPM                            |                                                    |                                                     | 1055              | 1068                                                                   | 1080       | 1096       | 1106       | 1119       | 1136       |            |            |            |           |  |
| 2.5 [8.79]                         | Low                      |       |                                | 850 CFM / 1150 CFM                                 | 10x9 Blower 1/2 HP [372] 3 Speed (PSC Motor)        | Low               | Watts                                                                  | 271        | 256        | 245        | 227        | 214        | 199        | 175        |            |           |  |
|                                    |                          |       | CFM                            |                                                    |                                                     |                   | 1093 [516]                                                             | 1062 [501] | 1001 [472] | 930 [439]  | 815 [385]  | 728 [344]  | 663 [313]  | 571 [269]  |            |           |  |
|                                    | Low                      | Low   | 60,000 [17.58]                 |                                                    |                                                     |                   | RPM                                                                    | 900        | 935        | 969        | 999        | 1030       | 1053       | 1064       | 1082       |           |  |
|                                    |                          |       |                                |                                                    |                                                     | Watts             | 375                                                                    | 358        | 335        | 313        | 283        | 264        | 249        | 229        |            |           |  |
| 3.0 [10.55]                        | High                     |       |                                | 1000 CFM / 1400 CFM                                | 12x9T Blower 1/2 HP [372] 2 Speed (PSC Motor)       | High              | CFM                                                                    | 1239 [585] | 1184 [559] | 1114 [526] | 1043 [492] | 959 [453]  | 827 [390]  | 744 [351]  | 657 [310]  |           |  |
|                                    |                          |       | RPM                            |                                                    |                                                     |                   | 961                                                                    | 983        | 1006       | 1030       | 1052       | 1074       | 1084       | 1097       |            |           |  |
|                                    | High                     | High  | 80,000 [23.45]                 |                                                    |                                                     |                   | Watts                                                                  | 429        | 409        | 384        | 360        | 334        | 303        | 287        | 266        |           |  |
|                                    |                          |       |                                |                                                    |                                                     | CFM               | 1362 [643]                                                             | 1292 [610] | 1213 [572] | 1133 [535] | 1027 [485] | 872 [412]  | 800 [378]  | 700 [330]  |            |           |  |
| 3.5 [12.31]                        | High                     |       |                                | 1200 CFM / 1600 CFM                                | 12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque) | High              | RPM                                                                    | 1049       | 1061       | 1073       | 1085       | 1097       | 1109       | 1116       | 1124       |           |  |
|                                    |                          |       | Watts                          |                                                    |                                                     |                   | 500                                                                    | 472        | 454        | 427        | 405        | 371        | 360        | 339        |            |           |  |
|                                    | High                     | Low   | 60,000 [17.58]                 |                                                    |                                                     |                   | CFM                                                                    | 1310 [618] | 1246 [588] | 1186 [560] | 1128 [532] | 1038 [490] | 955 [451]  | 847 [400]  | 738 [348]  |           |  |
|                                    |                          |       |                                |                                                    |                                                     | RPM               | 834                                                                    | 867        | 895        | 918        | 949        | 971        | 989        | 1019       |            |           |  |
| 3.5 [12.31]                        | High                     |       |                                | 1200 CFM / 1600 CFM                                | 12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque) | High              | Watts                                                                  | 460        | 447        | 435        | 424        | 407        | 396        | 380        | 362        |           |  |
|                                    |                          |       | CFM                            |                                                    |                                                     |                   | 1644 [776]                                                             | 1568 [740] | 1488 [702] | 1421 [671] | 1330 [628] | 1248 [589] | 1133 [535] | 1003 [473] |            |           |  |
|                                    | High                     | High  | 80,000 [23.45] 100,000 [29.31] |                                                    |                                                     |                   | RPM                                                                    | 981        | 996        | 1009       | 1421       | 1330       | 1248       | 1058       | 1072       |           |  |
|                                    |                          |       |                                |                                                    |                                                     | Watts             | 664                                                                    | 641        | 620        | 1421       | 1330       | 1248       | 545        | 526        |            |           |  |
| 3.5 [12.31]                        | High                     |       |                                | 1200 CFM / 1600 CFM                                | 12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque) | High              | CFM                                                                    | 1336 [631] | 1312 [619] | 1295 [611] | 1241 [586] | 1200 [566] | 1161 [548] | 1119 [528] | 1072 [506] |           |  |
|                                    |                          |       | RPM                            |                                                    |                                                     |                   | 827                                                                    | 856        | 874        | 913        | 949        | 983        | 1013       | 1048       |            |           |  |
|                                    | High                     | Tap 2 | 80,000 [23.45]                 |                                                    |                                                     |                   | Watts                                                                  | 298        | 308        | 313        | 325        | 341        | 352        | 361        | 374        |           |  |
|                                    |                          |       |                                |                                                    |                                                     | CFM               | 1336 [631]                                                             | 1312 [619] | 1295 [611] | 1241 [586] | 1200 [566] | 1161 [548] | 1119 [528] | 1072 [506] |            |           |  |
| 3.5 [12.31]                        | High                     |       |                                | 1200 CFM / 1600 CFM                                | 12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque) | High              | RPM                                                                    | 827        | 856        | 874        | 913        | 949        | 983        | 1013       | 1048       |           |  |
|                                    |                          |       | Watts                          |                                                    |                                                     |                   | 298                                                                    | 308        | 313        | 325        | 341        | 352        | 361        | 374        |            |           |  |
|                                    | High                     | Tap 3 | 100,000 [29.31]                |                                                    |                                                     |                   | CFM                                                                    | 1453 [686] | 1424 [672] | 1395 [658] | 1347 [636] | 1321 [623] | 1279 [604] | 1250 [590] | 1214 [573] |           |  |
|                                    |                          |       |                                |                                                    |                                                     | RPM               | 836                                                                    | 867        | 904        | 942        | 953        | 992        | 1019       | 1048       |            |           |  |
| 3.5 [12.31]                        | High                     |       |                                | 1200 CFM / 1600 CFM                                | 12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque) | High              | Watts                                                                  | 334        | 349        | 364        | 377        | 380        | 394        | 409        | 418        |           |  |
|                                    |                          |       | CFM                            |                                                    |                                                     |                   | 1336 [631]                                                             | 1312 [619] | 1295 [611] | 1241 [586] | 1200 [566] | 1161 [548] | 1119 [528] | 1072 [506] |            |           |  |
|                                    | High                     | Tap 3 | 100,000 [29.31]                |                                                    |                                                     |                   | RPM                                                                    | 827        | 856        | 874        | 913        | 949        | 983        | 1013       | 1048       |           |  |
|                                    |                          |       |                                |                                                    |                                                     | Watts             | 298                                                                    | 308        | 313        | 325        | 341        | 352        | 361        | 374        |            |           |  |
| 3.5 [12.31]                        | High                     |       |                                | 1200 CFM / 1600 CFM                                | 12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque) | High              | CFM                                                                    | 1591 [751] | 1563 [738] | 1558 [735] | 1519 [717] | 1490 [703] | 1458 [688] | 1410 [665] | 1363 [643] |           |  |
|                                    |                          |       | RPM                            |                                                    |                                                     |                   | 949                                                                    | 981        | 999        | 1027       | 1051       | 1086       | 1109       | 1129       |            |           |  |
|                                    | High                     |       |                                |                                                    |                                                     |                   | Watts                                                                  | 476        | 490        | 501        | 515        | 527        | 542        | 546        | 543        |           |  |
|                                    |                          |       |                                |                                                    |                                                     |                   | CFM                                                                    | 1591 [751] | 1563 [738] | 1558 [735] | 1519 [717] | 1490 [703] | 1458 [688] | 1410 [665] | 1363 [643] |           |  |

Note: Set 3-1/2 through 5 ton Cool to Tap 4 for AHRI rated performance

[ ] Designates Metric Conversions



# INDOOR AIRFLOW PERFORMANCE RGEA14 - 230 VOLTS (continued)

| Nominal Cooling Capacity Tons [kW] | Motor Speed from Factory |      | Heating Input BTU/HR [kW] | Manufacturer Recommended Cooling Airflow (Min/Max) | Blower Size/ Motor HP [W] & # of Speeds             | Motor Speed / Tap      | External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil) |            |            |            |            |            |            |            |            |            |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------------------------------|--------------------------|------|---------------------------|----------------------------------------------------|-----------------------------------------------------|------------------------|------------------------------------------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|                                    | Cool                     | Heat |                           |                                                    |                                                     |                        | 0.1 [0.02]                                                             | 0.2 [0.05] | 0.3 [0.07] | 0.4 [0.10] | 0.5 [0.12] | 0.6 [0.15] | 0.7 [0.17] | 0.8 [0.20] | 0.9 [0.22] | 1.0 [0.25] |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4.0 [14.07]                        | Tap 5                    |      | 80,000 [23.45]            | 1350 CFM / 1850 CFM                                | 12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque) | Tap 1 Unused           | CFM                                                                    | 1368 [646] | 1331 [628] | 1299 [613] | 1259 [594] | 1221 [576] | 1169 [552] | 1137 [537] | 1079 [509] | 997 [471]  | 920 [434]  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     |                        | RPM                                                                    | 749        | 782        | 813        | 849        | 877        | 911        | 946        | 979        | 1030       | 1061       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     |                        | Watts                                                                  | 250        | 264        | 275        | 286        | 295        | 308        | 321        | 327        | 346        | 356        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     |                        | CFM                                                                    | 1368 [646] | 1331 [628] | 1299 [613] | 1259 [594] | 1221 [576] | 1169 [552] | 1137 [537] | 1079 [509] | 997 [471]  | 920 [434]  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     |                        | RPM                                                                    | 749        | 782        | 813        | 849        | 877        | 911        | 946        | 979        | 1030       | 1061       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    | Tap 5                    |      |                           |                                                    |                                                     | Tap 3 100K             | CFM                                                                    | 1447 [683] | 1405 [663] | 1372 [648] | 1342 [633] | 1307 [617] | 1237 [584] | 1222 [577] | 1186 [560] | 1121 [529] | 1035 [488] |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     |                        | RPM                                                                    | 783        | 809        | 845        | 872        | 905        | 938        | 959        | 998        | 1038       | 1082       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     |                        | Watts                                                                  | 291        | 298        | 315        | 326        | 337        | 349        | 355        | 369        | 383        | 401        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     |                        | CFM                                                                    | 1657 [782] | 1628 [768] | 1588 [749] | 1559 [736] | 1519 [717] | 1496 [706] | 1454 [686] | 1426 [673] | 1394 [658] | 1342 [633] |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     |                        | RPM                                                                    | 872        | 897        | 926        | 953        | 977        | 1005       | 1031       | 1065       | 1080       | 1113       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5.0 [17.59]                        | Tap 5                    |      | 100,000 [29.31]           | 1600 CFM / 2100 CFM                                | 12x9R Blower 1 HP [746] 5 Speed (Constant Torque)   | Tap 5 High Static Cool | Watts                                                                  | 417        | 429        | 444        | 457        | 462        | 478        | 488        | 505        | 509        | 524        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     |                        | CFM                                                                    | 1970 [930] | 1945 [918] | 1920 [906] | 1884 [889] | 1843 [870] | 1778 [839] | 1704 [804] | 1642 [775] | 1547 [730] | 1451 [685] |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     |                        | RPM                                                                    | 1011       | 1038       | 1048       | 1073       | 1092       | 1104       | 1119       | 1123       | 1132       | 1145       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     |                        | Watts                                                                  | 696        | 710        | 731        | 728        | 727        | 712        | 693        | 666        | 627        | 602        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     |                        | CFM                                                                    | 1433 [676] | 1407 [664] | 1354 [639] | 1329 [627] | 1270 [599] | 1235 [583] | 1195 [564] | 1137 [537] | 1083 [511] | 1030 [486] |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    | Tap 5                    |      |                           |                                                    |                                                     | Tap 1 100K Heat        | RPM                                                                    | 821        | 843        | 868        | 888        | 929        | 944        | 975        | 1004       | 1040       | 1065       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     |                        | Watts                                                                  | 319        | 331        | 342        | 346        | 365        | 368        | 381        | 391        | 406        | 412        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     |                        | CFM                                                                    | 1233 [582] | 1158 [547] | 1136 [536] | 1090 [514] | 1039 [490] | 969 [457]  | 902 [426]  | 847 [400]  | 791 [373]  | 752 [355]  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     |                        | RPM                                                                    | 734        | 774        | 793        | 822        | 860        | 892        | 934        | 957        | 983        | 1011       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     |                        | Watts                                                                  | 223        | 231        | 238        | 248        | 259        | 269        | 288        | 284        | 295        | 306        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tap 5                              |                          |      |                           |                                                    | Tap 3 Low Cool                                      | CFM                    | 1768 [834]                                                             | 1730 [816] | 1693 [799] | 1626 [767] | 1599 [755] | 1558 [735] | 1522 [718] | 1503 [709] | 1444 [681] | 1399 [660] |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     | RPM                    | 938                                                                    | 959        | 983        | 1011       | 1025       | 1052       | 1089       | 1090       | 1117       | 1134       |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     | Watts                  | 520                                                                    | 533        | 541        | 560        | 563        | 578        | 599        | 599        | 605        | 615        |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     | CFM                    | 1926 [909]                                                             | 1890 [892] | 1864 [880] | 1822 [860] | 1794 [847] | 1758 [830] | 1710 [807] | 1670 [798] | 1579 [745] | 1493 [705] |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     | RPM                    | 999                                                                    | 1014       | 1040       | 1061       | 1079       | 1096       | 1119       | 1128       | 1138       | 1144       |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tap 5                              |                          |      |                           |                                                    | Tap 4 Med Cool                                      | Watts                  | 654                                                                    | 660        | 674        | 688        | 699        | 708        | 714        | 705        | 683        | 661        |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     | CFM                    | 2096 [989]                                                             | 2057 [971] | 2003 [945] | 1951 [921] | 1890 [892] | 1819 [858] | 1756 [829] | 1686 [796] | 1610 [760] | 1498 [707] |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     | RPM                    | 1069                                                                   | 1092       | 1106       | 1116       | 1121       | 1129       | 1138       | 1140       | 1148       | 1154       |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     | Watts                  | 829                                                                    | 846        | 840        | 822        | 807        | 782        | 768        | 730        | 708        | 679        |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                    |                          |      |                           |                                                    |                                                     |                        |                                                                        |            |            |            |            |            |            |            |            |            |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Note: Set 3-1/2 through 5 ton Cool to Tap 4 for AHRI rated performance

| DOWN DISCHARGE PRESSURE DROP (ADD TO EXTERNAL STATIC PRESSURE) |            |            |            |            |            |
|----------------------------------------------------------------|------------|------------|------------|------------|------------|
| CFM [L/s]                                                      | 800 [378]  | 1000 [472] | 1200 [566] | 1400 [661] | 1600 [755] |
| Pressure Drop—Includes W.C. [kPa]                              | .02 [.005] | .05 [.012] | .07 [.017] | .1 [.025]  | .12 [.030] |
|                                                                |            |            |            |            | .17 [.042] |

[ ] Designates Metric Conversions



Air

Indoor Airflow Performance

RGEA14 Series

INDOOR AIRFLOW PERFORMANCE RGEA14 - 460 VOLTS

| Nominal Cooling Capacity Tons [kW] |       | Motor Speed from Factory |                                | Heating Input BTU/HR [kW] | Manufacturer Recommended Cooling Airflow (Min/Max)  | Blower Size/ Motor HP [W] & # of Speeds | Motor Speed / Tap | External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil) |            |            |            |            |            |            |            |            |            |            |
|------------------------------------|-------|--------------------------|--------------------------------|---------------------------|-----------------------------------------------------|-----------------------------------------|-------------------|------------------------------------------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                                    |       | Cool                     | Heat                           |                           |                                                     |                                         |                   | 0.1 [ .02]                                                             | 0.2 [ .05] | 0.3 [ .07] | 0.4 [ .10] | 0.5 [ .12] | 0.6 [ .15] | 0.7 [ .17] | 0.8 [ .20] | 0.9 [ .22] | 1.0 [ .25] |            |
| 3.0 [10.55]                        | High  | Low                      | 60,000 [17.58]                 | 1000 CFM / 1400 CFM       | 12x9T Blower 1/2 HP [372] 2 Speed (PSC Motor)       | Low                                     | CFM               | 1358 [641]                                                             | 1322 [624] | 1266 [597] | 1209 [571] | 1120 [529] | 1063 [502] | 970 [458]  | 861 [406]  | 828 [391]  | 757 [357]  |            |
|                                    |       |                          |                                |                           |                                                     |                                         | RPM               | 823                                                                    | 849        |            | 901        | 932        | 953        | 979        | 999        | 1029       | 1055       |            |
|                                    | High  | High                     | 80,000 [23.45] 100,000 [29.31] |                           |                                                     |                                         | CFM               | 1652 [780]                                                             | 1596 [753] | 1540 [727] | 1481 [699] | 1402 [662] | 1320 [623] | 1212 [572] | 1132 [534] | 1079 [509] | 1004 [474] |            |
|                                    |       |                          |                                |                           |                                                     |                                         | RPM               | 951                                                                    | 965        | 977        | 992        | 1007       | 1019       | 1036       | 1050       | 1063       | 1077       |            |
| 3.5 [12.31]                        | Tap 5 | Tap 2                    | 80,000 [23.45]                 | 1200 CFM / 1600 CFM       | 12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque) | Tap 1 Unused                            | Watts             | 670                                                                    | 658        | 642        | 625        | 600        | 580        | 561        | 539        | 523        | 504        |            |
|                                    |       |                          |                                |                           |                                                     |                                         | CFM               | 1362 [643]                                                             | 1327 [626] | 1294 [611] | 1267 [598] | 1207 [570] | 1151 [543] | 1131 [534] | 1085 [512] | 1022 [482] | 956 [451]  |            |
|                                    |       |                          |                                |                           |                                                     |                                         | RPM               | 794                                                                    | 833        | 872        | 897        | 948        | 976        | 1005       | 1038       | 1078       | 1112       |            |
|                                    |       | Tap 3                    | Tap 2                          |                           |                                                     | 80,000 [23.45]                          | Tap 3 100K        | Watts                                                                  | 287        | 295        | 317        | 317        | 331        | 351        | 361        | 365        | 370        | 399        |
|                                    |       |                          |                                |                           |                                                     |                                         |                   | CFM                                                                    | 1435 [677] | 1405 [663] | 1378 [650] | 1349 [637] | 1309 [618] | 1266 [597] | 1233 [582] | 1193 [563] | 1134 [535] | 1066 [503] |
|                                    |       |                          |                                |                           |                                                     |                                         |                   | RPM                                                                    | 844        | 867        | 892        | 927        | 961        | 991        | 1022       | 1052       | 1101       | 1130       |
|                                    | Tap 5 | Tap 4                    | Tap 3                          | 100,000 [29.31]           | Tap 4 Low Static Cool                               | Watts                                   | 337               | 340                                                                    | 358        | 368        | 390        | 389        | 409        | 411        | 438        | 446        |            |            |
|                                    |       |                          |                                |                           |                                                     | CFM                                     | 1362 [643]        | 1327 [626]                                                             | 1294 [611] | 1267 [598] | 1207 [570] | 1151 [543] | 1131 [534] | 1085 [512] | 1022 [482] | 956 [451]  |            |            |
|                                    |       |                          |                                |                           |                                                     | RPM                                     | 794               | 833                                                                    | 872        | 897        | 948        | 976        | 1005       | 1038       | 1078       | 1112       |            |            |
|                                    |       | Tap 5                    | Tap 5                          | 100,000 [29.31]           | Tap 5 High Static Cool                              | Watts                                   | 287               | 295                                                                    | 317        | 317        | 331        | 351        | 361        | 365        | 370        | 399        |            |            |
|                                    |       |                          |                                |                           |                                                     | CFM                                     | 1643 [775]        | 1609 [759]                                                             | 1580 [746] | 1560 [736] | 1511 [713] | 1494 [705] | 1443 [681] | 1404 [663] | 1335 [630] | 1244 [587] |            |            |
|                                    |       |                          |                                |                           |                                                     | RPM                                     | 927               | 954                                                                    | 986        | 1001       | 1035       | 1052       | 1083       | 1111       | 1122       | 1133       |            |            |
| 4.0 [14.07]                        | Tap 5 | Tap 2                    | 80,000 [23.45]                 | 1350 CFM / 1850 CFM       | 12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque) | Tap 1 Unused                            | Watts             | 461                                                                    | 475        | 490        | 506        | 518        | 528        | 535        | 548        | 530        | 502        |            |
|                                    |       |                          |                                |                           |                                                     |                                         | CFM               | 1340 [632]                                                             | 1305 [616] | 1263 [596] | 1227 [579] | 1186 [560] | 1162 [548] | 1104 [521] | 1020 [481] | 960 [453]  | 897 [423]  |            |
|                                    |       |                          |                                |                           |                                                     |                                         | RPM               | 776                                                                    | 796        | 831        | 869        | 898        | 925        | 966        | 1011       | 1044       | 1076       |            |
|                                    |       | Tap 5                    | Tap 2                          |                           |                                                     | 80,000 [23.45]                          | Tap 2 80K         | Watts                                                                  | 261        | 268        | 279        | 291        | 303        | 310        | 323        | 339        | 351        | 361        |
|                                    |       |                          |                                |                           |                                                     |                                         |                   | CFM                                                                    | 1340 [632] | 1305 [616] | 1263 [596] | 1227 [579] | 1186 [560] | 1162 [548] | 1104 [521] | 1020 [481] | 960 [453]  | 897 [423]  |
|                                    |       |                          |                                |                           |                                                     |                                         |                   | RPM                                                                    | 776        | 796        | 831        | 869        | 898        | 925        | 966        | 1011       | 1044       | 1076       |
|                                    | Tap 5 | Tap 3                    | 100,000 [29.31]                | Tap 3 100K                | Watts                                               | 261                                     | 268               | 279                                                                    | 291        | 303        | 310        | 323        | 339        | 351        | 361        |            |            |            |
|                                    |       |                          |                                |                           | CFM                                                 | 1467 [692]                              | 1448 [683]        | 1404 [663]                                                             | 1373 [648] | 1339 [632] | 1306 [616] | 1250 [590] | 1210 [571] | 1164 [549] | 1087 [513] |            |            |            |
|                                    |       |                          |                                |                           | RPM                                                 | 826                                     | 855               | 884                                                                    | 910        | 939        | 969        | 1003       | 1030       | 1067       | 1108       |            |            |            |
|                                    |       | Tap 5                    | Tap 4                          |                           | 100,000 [29.31]                                     | Tap 4 Low Static Cool                   | Watts             | 328                                                                    | 344        | 348        | 363        | 379        | 387        | 398        | 408        | 418        | 434        |            |
|                                    |       |                          |                                |                           |                                                     |                                         | CFM               | 1634 [771]                                                             | 1595 [753] | 1547 [730] | 1530 [722] | 1487 [702] | 1462 [690] | 1438 [679] | 1378 [650] | 1352 [638] | 1298 [613] |            |
|                                    |       |                          |                                |                           |                                                     |                                         | RPM               | 894                                                                    | 923        | 950        | 981        | 1000       | 1030       | 1051       | 1079       | 1106       | 1126       |            |
|                                    | Tap 5 | High Static Cool         | Watts                          | 432                       | 446                                                 | 451                                     | 468               | 479                                                                    | 490        | 508        | 510        | 520        | 520        |            |            |            |            |            |
|                                    |       |                          | CFM                            | 1941 [916]                | 1915 [904]                                          | 1878 [886]                              | 1814 [856]        | 1773 [837]                                                             | 1709 [807] | 1655 [781] | 1570 [741] | 1488 [702] | 1374 [648] |            |            |            |            |            |
|                                    |       |                          |                                |                           |                                                     | Tap 5 High Static Cool                  | RPM               | 1028                                                                   | 1047       | 1068       | 1091       | 1104       | 1113       | 1124       | 1136       | 1142       | 1147       |            |
|                                    |       |                          |                                |                           |                                                     | Watts                                   | 708               | 725                                                                    | 729        | 727        | 717        | 696        | 673        | 647        | 618        | 571        |            |            |

Note: Set 3-1/2 through 5 ton Cool to Tap 4 for AHRI rated performance

[ ] Designates Metric Conversions



## INDOOR AIRFLOW PERFORMANCE RGEA14 - 460 VOLTS (continued)

| Nominal Cooling Capacity Tons [kW] | Motor Speed from Factory |            | Heating Input BTU/HR [kW] | Manufacturer Recommended Cooling Airflow (Min/Max) | Blower Size/ Motor HP [W] & # of Speeds           | Motor Speed / Tap | External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil) |            |            |            |            |            |            |            |            |            |            |
|------------------------------------|--------------------------|------------|---------------------------|----------------------------------------------------|---------------------------------------------------|-------------------|------------------------------------------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                                    | Cool                     | Heat       |                           |                                                    |                                                   |                   | 0.1 [1.02]                                                             | 0.2 [0.05] | 0.3 [0.07] | 0.4 [1.10] | 0.5 [1.12] | 0.6 [1.15] | 0.7 [1.17] | 0.8 [1.20] | 0.9 [1.22] | 1.0 [1.25] |            |
| 5.0 [17.59]                        | Tap 5                    | Tap 1      | 100,000 [29.31]           | 1600 CFM / 2100 CFM                                | 12x9R Blower 1 HP [746] 5 Speed (Constant Torque) | Tap 1 100K Heat   | CFM                                                                    | 1484 [700] | 1440 [680] | 1405 [663] | 1360 [642] | 1319 [622] | 1280 [604] | 1238 [584] | 1186 [560] | 1128 [532] | 1047 [494] |
|                                    |                          |            |                           |                                                    |                                                   |                   | RPM                                                                    | 812        | 841        | 863        | 889        | 918        | 938        | 965        | 994        | 1026       | 1066       |
|                                    |                          |            |                           |                                                    |                                                   |                   | Watts                                                                  | 330        | 338        | 355        | 354        | 379        | 381        | 395        | 408        | 423        | 419        |
|                                    |                          |            |                           |                                                    |                                                   | Tap 2 Unused      | CFM                                                                    | 1289 [608] | 1239 [585] | 1189 [561] | 1140 [538] | 1101 [520] | 1052 [496] | 969 [457]  | 918 [433]  | 860 [406]  | 812 [383]  |
|                                    |                          |            |                           |                                                    |                                                   |                   | RPM                                                                    | 726        | 755        | 786        | 815        | 846        | 876        | 912        | 935        | 964        | 986        |
|                                    |                          |            |                           |                                                    |                                                   |                   | Watts                                                                  | 233        | 248        | 249        | 259        | 275        | 292        | 309        | 308        | 321        | 330        |
|                                    |                          |            |                           |                                                    |                                                   | Tap 3 Low Cool    | CFM                                                                    | 1787 [843] | 1746 [824] | 1705 [805] | 1680 [793] | 1621 [765] | 1607 [758] | 1564 [738] | 1530 [722] | 1505 [710] | 1424 [672] |
|                                    |                          |            |                           |                                                    |                                                   |                   | RPM                                                                    | 950        | 970        | 1000       | 1012       | 1042       | 1055       | 1079       | 1108       | 1113       | 1130       |
|                                    |                          |            |                           |                                                    |                                                   |                   | Watts                                                                  | 525        | 538        | 545        | 579        | 571        | 596        | 615        | 610        | 631        | 626        |
|                                    |                          |            |                           |                                                    |                                                   | Tap 4 Med Cool    | CFM                                                                    | 1954 [922] | 1927 [909] | 1889 [892] | 1843 [870] | 1808 [853] | 1738 [820] | 1671 [789] | 1620 [765] | 1543 [728] | 1433 [676] |
| RPM                                | 1030                     | 1042       | 1061                      | 1082                                               | 1100                                              |                   | 1121                                                                   | 1130       | 1133       | 1138       | 1146       |            |            |            |            |            |            |
| Watts                              | 664                      | 673        | 683                       | 696                                                | 704                                               |                   | 700                                                                    | 697        | 684        | 667        | 635        |            |            |            |            |            |            |
| Tap 5 High Cool                    | CFM                      | 2095 [989] | 2045 [965]                | 1983 [936]                                         | 1905 [899]                                        | 1840 [868]        | 1792 [846]                                                             | 1712 [808] | 1641 [774] | 1558 [735] | 1397 [659] |            |            |            |            |            |            |
|                                    | RPM                      | 1103       | 1114                      | 1114                                               | 1123                                              | 1125              | 1130                                                                   | 1139       | 1140       | 1144       | 1148       |            |            |            |            |            |            |
|                                    | Watts                    | 829        | 841                       | 832                                                | 803                                               | 785               | 770                                                                    | 740        | 710        | 685        | 633        |            |            |            |            |            |            |

Note: Set 3-1/2 through 5 ton Cool to Tap 4 for AHRI rated performance

| DOWN DISCHARGE PRESSURE DROP (ADD TO EXTERNAL STATIC PRESSURE) |            |            |            |            |            |            |            |
|----------------------------------------------------------------|------------|------------|------------|------------|------------|------------|------------|
| CFM [L/s]                                                      | 800 [378]  | 1000 [472] | 1200 [566] | 1400 [661] | 1600 [755] | 1800 [849] | 2000 [944] |
| Pressure Drop—Includes W.C. [kPa]                              | .02 [.005] | .05 [.012] | .07 [.017] | .1 [.025]  | .12 [.030] | .15 [.037] | .17 [.042] |

**[ ] Designates Metric Conversions**

## INDOOR AIRFLOW PERFORMANCE RGEA15 - 208/230 VOLTS

| Nominal Cooling Capacity Tons [kW] | Blower Size/<br>Motor HP [W] &<br>Motor Type | Nominal Heating Capacity<br>BTU/HR [kW] | Motor Speed | External Static Pressure - Inches W.C. [kPa]<br>(Side Discharge-Dry Coil) |            |            |            |            |            |            |            |            |            |            |
|------------------------------------|----------------------------------------------|-----------------------------------------|-------------|---------------------------------------------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                                    |                                              |                                         |             | 0.1 [0.02]                                                                | 0.2 [0.05] | 0.3 [0.07] | 0.4 [0.10] | 0.5 [0.12] | 0.6 [0.15] | 0.7 [0.17] | 0.8 [0.20] | 0.9 [0.22] | 1.0 [0.25] |            |
| 2.0<br>[7.03]                      | 10 x 9 Blower<br>1/2 HP [372 W]<br>ECM       | 60,000 [17.58]                          | Heat        | CFM                                                                       | 766 [362]  | 773 [365]  | 771 [364]  | 770 [363]  | 768 [362]  | 757 [357]  | 751 [354]  | 742 [350]  | 726 [343]  | 715 [337]  |
|                                    |                                              |                                         |             | RPM                                                                       | 649        | 746        | 829        | 897        | 946        | 1000       | 1088       | 1133       | 1170       |            |
|                                    |                                              |                                         |             | Watts                                                                     | 83         | 107        | 130        | 152        | 169        | 188        | 206        | 222        | 240        | 255        |
|                                    |                                              |                                         | Cool        | CFM                                                                       | 891 [421]  | 902 [426]  | 910 [429]  | 906 [428]  | 912 [430]  | 906 [428]  | 891 [421]  | 876 [413]  | 868 [410]  |            |
|                                    |                                              |                                         |             | RPM                                                                       | 747        | 831        | 895        | 957        | 1017       | 1068       | 1111       | 1151       | 1186       | 1223       |
|                                    | 10 x 9 Blower<br>1/2 HP [372 W]<br>ECM       | 80,000 [23.44]                          | Heat        | Watts                                                                     | 123        | 152        | 176        | 200        | 225        | 247        | 268        | 288        | 302        | 321        |
|                                    |                                              |                                         |             | CFM                                                                       | 1189 [561] | 1198 [565] | 1203 [568] | 1210 [571] | 1212 [572] | 1208 [570] | 1194 [564] | 1146 [541] | 1072 [506] |            |
|                                    |                                              |                                         |             | RPM                                                                       | 894        | 964        | 1008       | 1084       | 1142       | 1187       | 1234       | 1285       | 1301       | 1310       |
|                                    |                                              |                                         | Cool        | Watts                                                                     | 236        | 273        | 299        | 344        | 378        | 411        | 441        | 477        | 475        | 446        |
|                                    |                                              |                                         |             | CFM                                                                       | 891 [421]  | 902 [426]  | 910 [429]  | 906 [428]  | 912 [430]  | 906 [428]  | 891 [426]  | 876 [413]  | 868 [410]  |            |
| 2.5<br>[8.79]                      | 10 x 9 Blower<br>1/2 HP [372 W]<br>ECM       | 60,000 [17.58]                          | Heat        | RPM                                                                       | 747        | 831        | 895        | 957        | 1017       | 1068       | 1111       | 1151       | 1186       | 1223       |
|                                    |                                              |                                         |             | Watts                                                                     | 123        | 152        | 176        | 200        | 225        | 247        | 268        | 288        | 302        | 321        |
|                                    |                                              |                                         |             | CFM                                                                       | 766 [362]  | 773 [365]  | 771 [364]  | 770 [363]  | 768 [362]  | 757 [357]  | 751 [354]  | 742 [350]  | 726 [343]  | 715 [337]  |
|                                    |                                              |                                         | Cool        | RPM                                                                       | 649        | 746        | 829        | 897        | 946        | 1000       | 1046       | 1088       | 1133       | 1170       |
|                                    |                                              |                                         |             | Watts                                                                     | 83         | 107        | 130        | 152        | 169        | 188        | 206        | 222        | 240        | 255        |
|                                    | 10 x 9 Blower<br>1/2 HP [372 W]<br>ECM       | 80,000 [23.44]                          | Heat        | CFM                                                                       | 959 [453]  | 973 [459]  | 978 [462]  | 981 [463]  | 985 [465]  | 974 [460]  | 966 [456]  | 962 [454]  | 949 [448]  |            |
|                                    |                                              |                                         |             | RPM                                                                       | 772        | 855        | 922        | 990        | 1052       | 1100       | 1142       | 1184       | 1219       | 1256       |
|                                    |                                              |                                         |             | Watts                                                                     | 141        | 172        | 200        | 231        | 259        | 282        | 304        | 326        | 343        | 363        |
|                                    |                                              |                                         | Cool        | CFM                                                                       | 1189 [561] | 1198 [565] | 1203 [568] | 1210 [571] | 1212 [572] | 1208 [570] | 1193 [563] | 1194 [564] | 1146 [541] | 1072 [506] |
|                                    |                                              |                                         |             | RPM                                                                       | 894        | 964        | 1008       | 1084       | 1142       | 1187       | 1234       | 1285       | 1301       | 1310       |
|                                    |                                              |                                         | Cool        | Watts                                                                     | 236        | 273        | 299        | 344        | 378        | 411        | 441        | 477        | 475        | 446        |
|                                    |                                              |                                         |             | CFM                                                                       | 959 [453]  | 973 [459]  | 978 [462]  | 981 [463]  | 985 [465]  | 974 [460]  | 966 [456]  | 962 [454]  | 952 [449]  | 949 [448]  |
|                                    |                                              |                                         |             | RPM                                                                       | 772        | 855        | 922        | 990        | 1052       | 1100       | 1142       | 1184       | 1219       | 1256       |
|                                    |                                              |                                         |             | Watts                                                                     | 141        | 172        | 200        | 231        | 259        | 282        | 304        | 326        | 343        | 363        |

Notes: (1) Set 2 through 4 ton Cool to Tap 4 for AHRI rated performance. (2) Set 5 ton 2nd Stage Cool to Tap 4 for AHRI rated performance.

[ ] Designates Metric Conversions

# INDOOR AIRFLOW PERFORMANCE RGEA15 - 208/230 VOLTS (continued)



Air

Indoor Airflow Performance  
RGEA15 Series

| Nominal Cooling Capacity Tons [kW]   | Blower Size/ Motor HP [W] & Motor Type | Nominal Heating Capacity Btu/hr [kW]  | Motor Speed    | External Static Pressure - Inches W.C. [kPa]<br>(Side Discharge-Dry Coil) |            |            |            |            |            |            |            |            |            |            |  |
|--------------------------------------|----------------------------------------|---------------------------------------|----------------|---------------------------------------------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--|
|                                      |                                        |                                       |                | 0.1 [ .02]                                                                | 0.2 [ .05] | 0.3 [ .07] | 0.4 [ .10] | 0.5 [ .12] | 0.6 [ .15] | 0.7 [ .17] | 0.8 [ .20] | 0.9 [ .22] | 1.0 [ .25] |            |  |
| 3.0<br>[10.55]                       | 10 x 9 Blower<br>1/2 HP [372 W]<br>ECM | 60,000 [17.58]                        | Heat           | CFM                                                                       | 766 [362]  | 773 [365]  | 771 [364]  | 770 [363]  | 768 [362]  | 757 [357]  | 751 [354]  | 742 [350]  | 726 [343]  | 715 [337]  |  |
|                                      |                                        |                                       |                | RPM                                                                       | 649        | 746        | 829        | 897        | 946        | 1000       | 1046       | 1088       | 1133       | 1170       |  |
|                                      |                                        |                                       |                | Watts                                                                     | 83         | 107        | 130        | 152        | 169        | 188        | 206        | 222        | 240        | 255        |  |
|                                      | 10 x 9 Blower<br>3/4 HP [559 W]<br>ECM | 80,000 [23.44]<br>&<br>100,000 [29.3] | Cool           | CFM                                                                       | 1189 [561] | 1199 [566] | 1204 [568] | 1206 [569] | 1210 [571] | 1202 [567] | 1209 [571] | 1165 [550] | 1125 [531] | 1061 [501] |  |
|                                      |                                        |                                       |                | RPM                                                                       | 908        | 964        | 1024       | 1094       | 1144       | 1195       | 1234       | 1269       | 1290       | 1307       |  |
|                                      |                                        |                                       |                | Watts                                                                     | 247        | 278        | 311        | 354        | 385        | 421        | 448        | 457        | 454        | 446        |  |
| 3.5<br>[12.31]                       | 10 x 9 Blower<br>3/4 HP [559 W]<br>ECM | 80,000 [23.44]<br>&<br>100,000 [29.3] | Heat           | CFM                                                                       | 1186 [560] | 1191 [562] | 1191 [562] | 1199 [566] | 1192 [563] | 1182 [558] | 1171 [553] | 1156 [546] | 1123 [530] | 1045 [493] |  |
|                                      |                                        |                                       |                | RPM                                                                       | 904        | 974        | 1023       | 1077       | 1129       | 1174       | 1216       | 1263       | 1288       | 1292       |  |
|                                      |                                        |                                       |                | Watts                                                                     | 235        | 271        | 296        | 326        | 354        | 379        | 400        | 430        | 425        | 413        |  |
|                                      | 10 x 9 Blower<br>1 HP [746 W]<br>ECM   | 80,000 [23.44]<br>&<br>100,000 [29.3] | Cool           | CFM                                                                       | 1194 [564] | 1200 [566] | 1200 [566] | 1208 [570] | 1200 [566] | 1190 [562] | 1179 [556] | 1165 [550] | 1128 [532] | 1045 [493] |  |
|                                      |                                        |                                       |                | RPM                                                                       | 910        | 981        | 1027       | 1083       | 1134       | 1179       | 1219       | 1267       | 1291       | 1294       |  |
|                                      |                                        |                                       |                | Watts                                                                     | 239        | 276        | 300        | 332        | 359        | 384        | 405        | 435        | 428        | 414        |  |
| 4.0<br>[14.07]                       | 12 x 9 Blower<br>1 HP [746 W]<br>ECM   | 80,000 [23.44]<br>&<br>100,000 [29.3] | Heat           | CFM                                                                       | 1206 [569] | 1215 [573] | 1219 [575] | 1216 [574] | 1218 [575] | 1220 [576] | 1216 [574] | 1215 [573] | 1205 [569] | 1195 [564] |  |
|                                      |                                        |                                       |                | RPM                                                                       | 730        | 796        | 837        | 885        | 926        | 962        | 999        | 1038       | 1075       | 1112       |  |
|                                      |                                        |                                       |                | Watts                                                                     | 199        | 238        | 261        | 292        | 317        | 342        | 368        | 397        | 427        | 457        |  |
|                                      | 12 x 9 Blower<br>1 HP [746 W]<br>ECM   | 80,000 [23.44]<br>&<br>100,000 [29.3] | Cool           | CFM                                                                       | 1535 [724] | 1545 [729] | 1551 [732] | 1554 [733] | 1553 [733] | 1553 [733] | 1551 [732] | 1548 [731] | 1543 [728] | 1532 [723] |  |
|                                      |                                        |                                       |                | RPM                                                                       | 873        | 923        | 967        | 1005       | 1052       | 1096       | 1124       | 1149       | 1180       | 1200       |  |
|                                      |                                        |                                       |                | Watts                                                                     | 371        | 416        | 456        | 490        | 537        | 578        | 607        | 634        | 666        | 687        |  |
| 5.0<br>[17.59]                       | 12 x 9 Blower<br>1 HP [746 W]<br>ECM   | 100,000 [29.3]                        | Heat           | CFM                                                                       | 1206 [569] | 1215 [573] | 1219 [575] | 1216 [574] | 1218 [575] | 1220 [576] | 1216 [574] | 1215 [573] | 1205 [569] | 1195 [564] |  |
|                                      |                                        |                                       |                | RPM                                                                       | 730        | 796        | 837        | 885        | 926        | 962        | 999        | 1038       | 1075       | 1112       |  |
|                                      |                                        |                                       |                | Watts                                                                     | 199        | 238        | 261        | 292        | 317        | 342        | 368        | 397        | 427        | 457        |  |
|                                      | 12 x 9 Blower<br>1 HP [746 W]<br>ECM   | 100,000 [29.3]                        | 1st Stage Cool | CFM                                                                       | 1248 [589] | 1256 [593] | 1262 [596] | 1261 [595] | 1262 [596] | 1264 [597] | 1261 [595] | 1261 [595] | 1253 [591] | 1243 [587] |  |
|                                      |                                        |                                       |                | RPM                                                                       | 749        | 808        | 853        | 903        | 942        | 979        | 1014       | 1051       | 1086       | 1121       |  |
|                                      |                                        |                                       |                | Watts                                                                     | 218        | 254        | 281        | 315        | 341        | 369        | 394        | 422        | 452        | 481        |  |
| 12 x 9 Blower<br>1 HP [746 W]<br>ECM | 100,000 [29.3]                         | 2nd Stage Cool                        | CFM            | 1837 [867]                                                                | 1850 [873] | 1850 [873] | 1853 [875] | 1854 [875] | 1847 [872] | 1834 [866] | 1834 [866] | 1824 [861] | 1818 [858] |            |  |
|                                      |                                        |                                       | RPM            | 997                                                                       | 1053       | 1094       | 1128       | 1164       | 1202       | 1225       | 1256       | 1283       | 1305       |            |  |
|                                      |                                        |                                       | Watts          | 604                                                                       | 670        | 719        | 762        | 810        | 860        | 872        | 889        | 927        | 956        |            |  |

Notes: (1) Set 2 through 4 ton Cool to Tap 4 for AHRI rated performance. (2) Set 5 ton 2nd Stage Cool to Tap 4 for AHRI rated performance.

[ ] Designates Metric Conversions



INTEGRATED AIR & WATER



Air

Indoor Airflow Performance

RGEA15 Series

## INDOOR AIRFLOW PERFORMANCE RGEA15 - 460 VOLTS

| Nominal Cooling Capacity Tons [kW] | Motor Speed from Factory |       | Heating Input BTU/HR [kW] | Manufacturer Recommended Cooling Airflow (Min/Max) | Blower Size/ Motor HP [W] & # of Speeds             | Motor Speed / Tap     | External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil) |            |            |            |            |            |            |            |            |            |            |
|------------------------------------|--------------------------|-------|---------------------------|----------------------------------------------------|-----------------------------------------------------|-----------------------|------------------------------------------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                                    | Cool                     | Heat  |                           |                                                    |                                                     |                       | 0.1 [1.02]                                                             | 0.2 [1.05] | 0.3 [1.07] | 0.4 [1.10] | 0.5 [1.12] | 0.6 [1.15] | 0.7 [1.17] | 0.8 [1.20] | 0.9 [1.22] | 1.0 [1.25] |            |
| 3.0 [10.55]                        | Tap 5                    | Tap 1 | 60,000 [17.58]            | 1000 CFM / 1400 CFM                                | 12x9T Blower 1/2 HP [372] 5 Speed (Constant Torque) | Tap 1 60K             | CFM                                                                    | 912 [430]  | 871 [411]  | 808 [381]  | 734 [346]  | 655 [309]  | 571 [269]  | 520 [245]  | 447 [211]  |            |            |
|                                    |                          |       |                           |                                                    |                                                     |                       | RPM                                                                    | 634        | 664        | 722        | 769        | 811        | 850        | 881        | 906        |            |            |
|                                    |                          |       |                           |                                                    |                                                     |                       | Watts                                                                  | 111        | 116        | 131        | 137        | 149        | 151        | 162        | 165        |            |            |
|                                    | Tap 5                    | Tap 2 | 80,000 [23.45]            |                                                    |                                                     | Tap 2 80K             | CFM                                                                    | 1362 [643] | 1327 [626] | 1294 [611] | 1267 [598] | 1207 [570] | 1151 [543] | 1131 [534] | 1085 [512] | 1022 [482] | 956 [451]  |
|                                    |                          |       |                           |                                                    |                                                     |                       | RPM                                                                    | 794        | 833        | 872        | 897        | 948        | 976        | 1005       | 1038       | 1078       | 1112       |
|                                    |                          |       |                           |                                                    |                                                     |                       | Watts                                                                  | 287        | 295        | 317        | 317        | 331        | 351        | 361        | 370        | 399        |            |
|                                    | Tap 5                    | Tap 3 | 100,000 [29.31]           |                                                    |                                                     | Tap 3 100K            | CFM                                                                    | 1435 [677] | 1405 [663] | 1378 [650] | 1349 [637] | 1309 [618] | 1266 [597] | 1233 [582] | 1193 [563] | 1134 [535] | 1066 [503] |
|                                    |                          |       |                           |                                                    |                                                     |                       | RPM                                                                    | 844        | 867        | 892        | 927        | 961        | 991        | 1022       | 1052       | 1101       | 1130       |
|                                    |                          |       |                           |                                                    |                                                     |                       | Watts                                                                  | 337        | 340        | 358        | 368        | 390        | 389        | 409        | 411        | 438        | 446        |
|                                    | Tap 5                    | Tap 4 | 100,000 [29.31]           |                                                    |                                                     | Tap 4 Low Static Cool | CFM                                                                    | 1163 [549] | 1144 [540] | 1086 [513] | 1073 [506] | 987 [466]  | 927 [437]  | 870 [411]  | 819 [387]  |            |            |
|                                    |                          |       |                           |                                                    |                                                     |                       | RPM                                                                    | 749        | 761        | 810        | 836        | 887        | 920        | 964        | 1005       |            |            |
|                                    |                          |       |                           |                                                    |                                                     |                       | Watts                                                                  | 202        | 205        | 217        | 230        | 248        | 248        | 266        | 271        |            |            |
|                                    | Tap 5                    | Tap 5 | High Static Cool          |                                                    |                                                     | CFM                   | 1435 [677]                                                             | 1405 [663] | 1378 [650] | 1349 [637] | 1309 [618] | 1266 [597] | 1233 [582] | 1193 [563] | 1134 [535] | 1066 [503] |            |
|                                    |                          |       |                           |                                                    |                                                     | RPM                   | 844                                                                    | 867        | 892        | 927        | 961        | 991        | 1022       | 1052       | 1101       | 1130       |            |
|                                    |                          |       |                           |                                                    |                                                     | Watts                 | 337                                                                    | 340        | 358        | 368        | 390        | 389        | 409        | 411        | 438        | 446        |            |
| 3.5 [12.31]                        | Tap 5                    | Tap 2 | 80,000 [23.45]            | 1200 CFM / 1600 CFM                                | 12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque) | Tap 1 Unused          | CFM                                                                    | 1362 [643] | 1327 [626] | 1294 [611] | 1267 [598] | 1207 [570] | 1151 [543] | 1131 [534] | 1085 [512] | 1022 [482] | 956 [451]  |
|                                    |                          |       |                           |                                                    |                                                     |                       | RPM                                                                    | 794        | 833        | 872        | 897        | 948        | 976        | 1005       | 1038       | 1078       | 1112       |
|                                    |                          |       |                           |                                                    |                                                     |                       | Watts                                                                  | 287        | 295        | 317        | 317        | 331        | 351        | 361        | 370        | 399        |            |
|                                    | Tap 5                    | Tap 2 | 80K                       |                                                    |                                                     | CFM                   | 1362 [643]                                                             | 1327 [626] | 1294 [611] | 1267 [598] | 1207 [570] | 1151 [543] | 1131 [534] | 1085 [512] | 1022 [482] | 956 [451]  |            |
|                                    |                          |       |                           |                                                    |                                                     | RPM                   | 794                                                                    | 833        | 872        | 897        | 948        | 976        | 1005       | 1038       | 1078       | 1112       |            |
|                                    |                          |       |                           |                                                    |                                                     | Watts                 | 287                                                                    | 295        | 317        | 317        | 331        | 351        | 361        | 370        | 399        |            |            |
|                                    | Tap 5                    | Tap 3 | 100,000 [29.31]           |                                                    |                                                     | Tap 3 100K            | CFM                                                                    | 1435 [677] | 1405 [663] | 1378 [650] | 1349 [637] | 1309 [618] | 1266 [597] | 1233 [582] | 1193 [563] | 1134 [535] | 1066 [503] |
|                                    |                          |       |                           |                                                    |                                                     |                       | RPM                                                                    | 844        | 867        | 892        | 927        | 961        | 991        | 1022       | 1052       | 1101       | 1130       |
|                                    |                          |       |                           |                                                    |                                                     |                       | Watts                                                                  | 337        | 340        | 358        | 368        | 390        | 389        | 409        | 411        | 438        | 446        |
|                                    | Tap 5                    | Tap 4 | Low Static Cool           |                                                    |                                                     | CFM                   | 1362 [643]                                                             | 1327 [626] | 1294 [611] | 1267 [598] | 1207 [570] | 1151 [543] | 1131 [534] | 1085 [512] | 1022 [482] | 956 [451]  |            |
|                                    |                          |       |                           |                                                    |                                                     | RPM                   | 794                                                                    | 833        | 872        | 897        | 948        | 976        | 1005       | 1038       | 1078       | 1112       |            |
|                                    |                          |       |                           |                                                    |                                                     | Watts                 | 287                                                                    | 295        | 317        | 317        | 331        | 351        | 361        | 370        | 399        |            |            |
|                                    | Tap 5                    | Tap 5 | High Static Cool          |                                                    |                                                     | CFM                   | 1643 [775]                                                             | 1609 [759] | 1580 [746] | 1560 [736] | 1511 [713] | 1494 [705] | 1443 [681] | 1404 [663] | 1335 [630] | 1244 [587] |            |
|                                    |                          |       |                           |                                                    |                                                     | RPM                   | 927                                                                    | 954        | 986        | 1001       | 1035       | 1052       | 1083       | 1111       | 1122       | 1133       |            |
|                                    |                          |       |                           |                                                    |                                                     | Watts                 | 461                                                                    | 475        | 490        | 506        | 518        | 528        | 535        | 548        | 530        | 502        |            |

Notes: (1) Set 2 through 4 ton Cool to Tap 4 for AHRI rated performance. (2) Set 5 ton 2nd Stage Cool to Tap 4 for AHRI rated performance.

[ J ] Designates Metric Conversions



# INDOOR AIRFLOW PERFORMANCE RGEA15 - 460 VOLTS (continued)

| Nominal Cooling Capacity Tons [kW] | Motor Speed from Factory |                            | Heating Input BTU/HR [kW] | Manufacturer Recommended Cooling Airflow (Min/Max) | Blower Size/ Motor HP [W] & # of Speeds             | Motor Speed / Tap     | External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil) |            |            |            |            |            |            |            |            |            |            |
|------------------------------------|--------------------------|----------------------------|---------------------------|----------------------------------------------------|-----------------------------------------------------|-----------------------|------------------------------------------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                                    | Cool                     | Heat                       |                           |                                                    |                                                     |                       | 0.1 [.02]                                                              | 0.2 [.05]  | 0.3 [.07]  | 0.4 [.10]  | 0.5 [.12]  | 0.6 [.15]  | 0.7 [.17]  | 0.8 [.20]  | 0.9 [.22]  | 1.0 [.25]  |            |
| 4.0 [14.07]                        | Tap 5                    | Tap 2                      | 80,000 [23.45]            | 1350 CFM / 1850 CFM                                | 12x9T Blower 3/4 HP [559] 5 Speed (Constant Torque) | Tap 1 Unused          | CFM                                                                    | 1340 [632] | 1305 [616] | 1263 [596] | 1227 [579] | 1186 [560] | 1162 [548] | 1104 [521] | 1020 [481] | 960 [453]  | 897 [423]  |
|                                    |                          |                            |                           |                                                    |                                                     |                       | RPM                                                                    | 776        | 796        | 831        | 869        | 898        | 925        | 966        | 1011       | 1044       | 1076       |
|                                    |                          |                            |                           |                                                    |                                                     |                       | Watts                                                                  | 261        | 268        | 279        | 291        | 303        | 310        | 323        | 339        | 351        | 361        |
|                                    |                          | Tap 3                      |                           |                                                    |                                                     | Tap 2 80K             | CFM                                                                    | 1340 [632] | 1305 [616] | 1263 [596] | 1227 [579] | 1186 [560] | 1162 [548] | 1104 [521] | 1020 [481] | 960 [453]  | 897 [423]  |
|                                    |                          |                            |                           |                                                    |                                                     |                       | RPM                                                                    | 776        | 796        | 831        | 869        | 898        | 925        | 966        | 1011       | 1044       | 1076       |
|                                    |                          |                            |                           |                                                    |                                                     |                       | Watts                                                                  | 261        | 268        | 279        | 291        | 303        | 310        | 323        | 339        | 351        | 361        |
|                                    | Tap 4                    | Tap 3 100K                 |                           |                                                    |                                                     | CFM                   | 1467 [692]                                                             | 1448 [683] | 1404 [663] | 1373 [648] | 1339 [632] | 1306 [616] | 1250 [590] | 1210 [571] | 1164 [549] | 1087 [513] |            |
|                                    |                          |                            |                           |                                                    |                                                     | RPM                   | 826                                                                    | 855        | 884        | 910        | 939        | 969        | 1003       | 1030       | 1067       | 1108       |            |
|                                    |                          |                            |                           |                                                    |                                                     | Watts                 | 328                                                                    | 344        | 348        | 363        | 379        | 387        | 398        | 408        | 418        | 434        |            |
|                                    |                          |                            |                           |                                                    |                                                     | CFM                   | 1634 [771]                                                             | 1595 [753] | 1547 [730] | 1530 [722] | 1487 [702] | 1462 [690] | 1438 [679] | 1378 [650] | 1352 [638] | 1298 [613] |            |
| 5.0 [17.59]                        | Tap 1                    | Tap 3                      | 100,000 [29.31]           | 1600 CFM / 2100 CFM                                | 12x9R Blower 1 HP [746] 5 Speed (Constant Torque)   | Tap 4 Low Static Cool | RPM                                                                    | 894        | 923        | 950        | 981        | 1000       | 1030       | 1051       | 1079       | 1106       | 1126       |
|                                    |                          |                            |                           |                                                    |                                                     |                       | Watts                                                                  | 432        | 446        | 451        | 468        | 479        | 490        | 508        | 510        | 520        | 520        |
|                                    |                          |                            |                           |                                                    |                                                     |                       | CFM                                                                    | 1941 [916] | 1915 [904] | 1878 [886] | 1814 [856] | 1773 [837] | 1709 [807] | 1655 [781] | 1570 [741] | 1488 [702] | 1374 [648] |
|                                    |                          | Tap 5                      |                           |                                                    |                                                     | High Static Cool      | RPM                                                                    | 1028       | 1047       | 1068       | 1091       | 1104       | 1113       | 1124       | 1136       | 1142       | 1147       |
|                                    |                          |                            |                           |                                                    |                                                     |                       | Watts                                                                  | 708        | 725        | 729        | 727        | 717        | 696        | 673        | 647        | 618        | 571        |
|                                    |                          |                            |                           |                                                    |                                                     |                       | CFM                                                                    | 1484 [700] | 1440 [680] | 1405 [663] | 1360 [642] | 1319 [622] | 1280 [604] | 1238 [584] | 1186 [560] | 1128 [532] | 1047 [494] |
|                                    | Tap 2                    | Tap 1 100K Heat            |                           |                                                    |                                                     | RPM                   | 812                                                                    | 841        | 863        | 889        | 918        | 938        | 965        | 994        | 1026       | 1066       |            |
|                                    |                          |                            |                           |                                                    |                                                     | Watts                 | 330                                                                    | 338        | 355        | 354        | 379        | 381        | 395        | 408        | 423        | 419        |            |
|                                    |                          |                            |                           |                                                    |                                                     | CFM                   | 1289 [608]                                                             | 1239 [585] | 1189 [561] | 1140 [538] | 1101 [520] | 1052 [496] | 969 [457]  | 918 [433]  | 860 [406]  | 812 [383]  |            |
|                                    |                          |                            |                           |                                                    |                                                     | RPM                   | 726                                                                    | 755        | 786        | 815        | 846        | 876        | 912        | 935        | 964        | 986        |            |
| Tap 3                              | Tap 2 1st Stage Cool     | Watts                      | 233                       | 248                                                | 249                                                 | 259                   | 275                                                                    | 292        | 309        | 308        | 321        | 330        |            |            |            |            |            |
|                                    |                          | CFM                        | 1787 [843]                | 1746 [824]                                         | 1705 [805]                                          | 1680 [793]            | 1621 [765]                                                             | 1607 [758] | 1564 [738] | 1530 [722] | 1505 [710] | 1424 [672] |            |            |            |            |            |
|                                    |                          | RPM                        | 950                       | 970                                                | 1000                                                | 1012                  | 1042                                                                   | 1055       | 1079       | 1108       | 1113       | 1130       |            |            |            |            |            |
|                                    |                          | Watts                      | 525                       | 538                                                | 545                                                 | 579                   | 571                                                                    | 596        | 615        | 610        | 631        | 626        |            |            |            |            |            |
| Tap 4                              | Tap 3 Unused             | CFM                        | 1954 [922]                | 1927 [909]                                         | 1889 [892]                                          | 1843 [870]            | 1808 [853]                                                             | 1738 [820] | 1671 [789] | 1620 [765] | 1543 [728] | 1433 [676] |            |            |            |            |            |
|                                    |                          | RPM                        | 1030                      | 1042                                               | 1061                                                | 1082                  | 1100                                                                   | 1121       | 1130       | 1133       | 1138       | 1146       |            |            |            |            |            |
|                                    |                          | Watts                      | 664                       | 673                                                | 683                                                 | 696                   | 704                                                                    | 700        | 697        | 684        | 667        | 635        |            |            |            |            |            |
|                                    |                          | CFM                        | 2095 [989]                | 2045 [965]                                         | 1983 [936]                                          | 1905 [899]            | 1840 [868]                                                             | 1792 [846] | 1712 [808] | 1641 [774] | 1558 [735] | 1397 [659] |            |            |            |            |            |
|                                    | Tap 5                    | 2nd Stage High Static Cool | RPM                       | 1103                                               | 1114                                                | 1114                  | 1123                                                                   | 1125       | 1130       | 1139       | 1140       | 1144       | 1148       |            |            |            |            |
|                                    |                          |                            | Watts                     | 829                                                | 841                                                 | 832                   | 803                                                                    | 785        | 770        | 749        | 710        | 685        | 633        |            |            |            |            |

Notes: (1) Set 2 through 4 ton Cool to Tap 4 for AHRI rated performance. (2) Set 5 ton 2nd Stage Cool to Tap 4 for AHRI rated performance.

| DOWN DISCHARGE PRESSURE DROP (ADD TO EXTERNAL STATIC PRESSURE) |            |            |            |            |
|----------------------------------------------------------------|------------|------------|------------|------------|
| CFM [L/s]                                                      | 800 [378]  | 1000 [472] | 1200 [566] | 1400 [661] |
| Pressure Drop—Includes W.C. [kPa]                              | .02 [.005] | .05 [.012] | .07 [.017] | .1 [.025]  |
|                                                                |            |            | .12 [.030] | .15 [.037] |
|                                                                |            |            |            | .17 [.042] |

[ ] Designates Metric Conversions

## ELECTRICAL DATA – RGEA14 SERIES

|                  |                                            | 024AJD041AA | 024AJD04XAA | 024AJD061AA | 024AJD06XAA | 030AJD061AA | 030AJD06XAA | 030AJD081AA | 030AJD08XAA |
|------------------|--------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Unit Information | Unit Operating Voltage Range               | 187-253     | 187-253     | 187-253     | 187-253     | 187-253     | 187-253     | 187-253     | 187-253     |
|                  | Volts                                      | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     |
|                  | Phase                                      | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                  | Hz                                         | 60          | 60          | 60          | 60          | 60          | 60          | 60          | 60          |
|                  | Minimum Circuit Ampacity                   | 17          | 17          | 17          | 17          | 20          | 20          | 20          | 20          |
|                  | Minimum Overcurrent Protection Device Size | 20          | 20          | 20          | 20          | 20          | 20          | 20          | 20          |
| Compressor Motor | Maximum Overcurrent Protection Device Size | 25          | 25          | 25          | 25          | 30          | 30          | 30          | 30          |
|                  | No.                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                  | Volts                                      | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     |
|                  | Phase                                      | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                  | RPM                                        | 3450        | 3450        | 3450        | 3450        | 3450        | 3450        | 3450        | 3450        |
|                  | HP, Compressor 1                           | 2 1/6       | 2 1/6       | 2 1/6       | 2 1/6       | 2 2/3       | 2 2/3       | 2 2/3       | 2 2/3       |
| Condenser Motor  | Amps (RLA), Comp. 1                        | 11.2        | 11.2        | 11.2        | 11.2        | 12.8        | 12.8        | 12.8        | 12.8        |
|                  | Amps (LRA), Comp. 1                        | 60.8        | 60.8        | 60.8        | 60.8        | 64          | 64          | 64          | 64          |
|                  | No.                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                  | Volts                                      | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     |
|                  | Phase                                      | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                  | HP                                         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         |
| Evaporator Fan   | Amps (FLA, each)                           | 1.5         | 1.5         | 1.5         | 1.5         | 1.5         | 1.5         | 1.5         | 1.5         |
|                  | Amps (LRA, each)                           | 3           | 3           | 3           | 3           | 3           | 3           | 3           | 3           |
|                  | No.                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                  | Volts                                      | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     |
|                  | Phase                                      | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                  | HP                                         | 1/4         | 1/4         | 1/4         | 1/4         | 1/2         | 1/2         | 1/2         | 1/2         |
|                  | Amps (FLA, each)                           | 1.3         | 1.3         | 1.3         | 1.3         | 2.4         | 2.4         | 2.4         | 2.4         |
|                  | Amps (LRA, each)                           | 2.3         | 2.3         | 2.3         | 2.3         | 5.1         | 5.1         | 5.1         | 5.1         |

1. Horsepower Per Compressor.

2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.

| ELECTRICAL DATA – RGEA14 SERIES |                                            |             |             |             |             |             |             |             |             |
|---------------------------------|--------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                                 |                                            | 036ACD061AA | 036ACD081AA | 036ACD101AA | 036ADD061AA | 036ADD081AA | 036ADD101AA | 036AJD061AA | 036AJD06XAA |
| Unit Information                | Unit Operating Voltage Range               | 187-253     | 187-253     | 187-253     | 414-506     | 414-506     | 414-506     | 187-253     | 187-253     |
|                                 | Volts                                      | 208/230     | 208/230     | 208/230     | 460         | 460         | 460         | 208/230     | 208/230     |
|                                 | Phase                                      | 3           | 3           | 3           | 3           | 3           | 3           | 1           | 1           |
|                                 | Hz                                         | 60          | 60          | 60          | 60          | 60          | 60          | 60          | 60          |
|                                 | Minimum Circuit Ampacity                   | 16          | 16          | 16          | 9           | 9           | 9           | 22          | 22          |
|                                 | Minimum Overcurrent Protection Device Size | 20          | 20          | 20          | 15          | 15          | 15          | 25          | 25          |
| Compressor Motor                | Maximum Overcurrent Protection Device Size | 20          | 20          | 20          | 15          | 15          | 15          | 35          | 35          |
|                                 | No.                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                                 | Volts                                      | 208/230     | 208/230     | 208/230     | 460         | 460         | 460         | 208/230     | 208/230     |
|                                 | Phase                                      | 3           | 3           | 3           | 3           | 3           | 3           | 1           | 1           |
|                                 | RPM                                        | 3450        | 3450        | 3450        | 3450        | 3450        | 3450        | 3450        | 3450        |
|                                 | HP, Compressor 1                           | 3 1/3       | 3 1/3       | 3 1/3       | 3 1/3       | 3 1/3       | 3 1/3       | 3 1/3       | 3 1/3       |
| Condenser Motor                 | Amps (RLA), Comp. 1                        | 9           | 9           | 9           | 5.6         | 5.6         | 5.6         | 14.1        | 14.1        |
|                                 | Amps (LRA), Comp. 1                        | 71          | 71          | 71          | 38          | 38          | 38          | 77          | 77          |
|                                 | No.                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                                 | Volts                                      | 208/230     | 208/230     | 208/230     | 460         | 460         | 460         | 208/230     | 208/230     |
|                                 | Phase                                      | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                                 | HP                                         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         |
| Evaporator Fan                  | Amps (FLA, each)                           | 1.5         | 1.5         | 1.5         | 0.8         | 0.8         | 0.8         | 1.5         | 1.5         |
|                                 | Amps (LRA, each)                           | 3           | 3           | 3           | 1.6         | 1.6         | 1.6         | 3           | 3           |
|                                 | No.                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                                 | Volts                                      | 208/230     | 208/230     | 208/230     | 460         | 460         | 460         | 208/230     | 208/230     |
|                                 | Phase                                      | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                                 | HP                                         | 1/2         | 1/2         | 1/2         | 1/2         | 1/2         | 1/2         | 1/2         | 1/2         |
|                                 | Amps (FLA, each)                           | 2.5         | 2.5         | 2.5         | 1.2         | 1.2         | 1.2         | 2.5         | 2.5         |
|                                 | Amps (LRA, each)                           | 4.6         | 4.6         | 4.6         | 2.4         | 2.4         | 2.4         | 4.6         | 4.6         |

1. Horsepower Per Compressor.

2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.



## ELECTRICAL DATA – RGEA14 SERIES

|                  |                                            | 036AJD081AA | 036AJD08XAA | 036AJD101AA | 036AJD10XAA | 042ACT081AA | 042ACT101AA | 042AJT081AA |
|------------------|--------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Unit Information | Unit Operating Voltage Range               | 187-253     | 187-253     | 187-253     | 187-253     | 187-253     | 187-253     | 187-253     |
|                  | Volts                                      | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     |
|                  | Phase                                      | 1           | 1           | 1           | 1           | 3           | 3           | 1           |
|                  | Hz                                         | 60          | 60          | 60          | 60          | 60          | 60          | 60          |
|                  | Minimum Circuit Ampacity                   | 22          | 22          | 22          | 22          | 24          | 24          | 30          |
|                  | Minimum Overcurrent Protection Device Size | 25          | 25          | 25          | 25          | 25          | 25          | 30          |
|                  | Maximum Overcurrent Protection Device Size | 35          | 35          | 35          | 35          | 35          | 35          | 45          |
| Compressor Motor | No.                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                  | Volts                                      | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     |
|                  | Phase                                      | 1           | 1           | 1           | 1           | 3           | 3           | 1           |
|                  | RPM                                        | 3450        | 3450        | 3450        | 3450        | 3450        | 3450        | 3450        |
|                  | HP, Compressor 1                           | 3 1/3       | 3 1/3       | 3 1/3       | 3 1/3       | 3 1/2       | 3 1/2       | 3 1/2       |
|                  | Amps (RLA), Comp. 1                        | 14.1        | 14.1        | 14.1        | 14.1        | 13.2        | 13.2        | 17.9        |
|                  | Amps (LRA), Comp. 1                        | 77          | 77          | 77          | 77          | 88          | 88          | 112         |
| Condenser Motor  | No.                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                  | Volts                                      | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     |
|                  | Phase                                      | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                  | HP                                         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         |
|                  | Amps (FLA, each)                           | 1.5         | 1.5         | 1.5         | 1.5         | 1.5         | 1.5         | 1.5         |
|                  | Amps (LRA, each)                           | 3           | 3           | 3           | 3           | 3           | 3           | 3           |
| Evaporator Fan   | No.                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                  | Volts                                      | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     |
|                  | Phase                                      | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                  | HP                                         | 1/2         | 1/2         | 1/2         | 1/2         | 3/4         | 3/4         | 3/4         |
|                  | Amps (FLA, each)                           | 2.5         | 2.5         | 2.5         | 2.5         | 6           | 6           | 6           |
|                  | Amps (LRA, each)                           | 4.6         | 4.6         | 4.6         | 4.6         |             |             |             |

1. Horsepower Per Compressor.

2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.

| ELECTRICAL DATA – RGEA14 SERIES |                                            |             |             |             |             |             |             |             |
|---------------------------------|--------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                                 |                                            | 042AJT08XAA | 042AJT101AA | 042AJT10XAA | 048ACT081AA | 048ACT101AA | 048ADT101AA | 048AJT081AA |
| Unit Information                | Unit Operating Voltage Range               | 187-253     | 187-253     | 187-253     | 187-253     | 187-253     | 187-253     | 187-253     |
|                                 | Volts                                      | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 460         | 208/230     |
|                                 | Phase                                      | 1           | 1           | 1           | 3           | 3           | 3           | 1           |
|                                 | Hz                                         | 60          | 60          | 60          | 60          | 60          | 60          | 60          |
|                                 | Minimum Circuit Ampacity                   | 30          | 30          | 30          | 25          | 25          | 12          | 33          |
|                                 | Minimum Overcurrent Protection Device Size | 30          | 30          | 30          | 25          | 25          | 35          | 35          |
| Compressor Motor                | Maximum Overcurrent Protection Device Size | 45          | 45          | 45          | 35          | 35          | 15          | 50          |
|                                 | No.                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                                 | Volts                                      | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 460         | 208/230     |
|                                 | Phase                                      | 1           | 1           | 1           | 3           | 3           | 3           | 1           |
|                                 | RPM                                        | 3450        | 3450        | 3450        | 3450        | 3450        | 3450        | 3450        |
|                                 | HP, Compressor 1                           | 3 1/2       | 3 1/2       | 3 1/2       | 4           | 4           | 4           | 4           |
| Condenser Motor                 | Amps (RLA), Comp. 1                        | 17.9        | 17.9        | 17.9        | 13.1        | 13.1        | 6.1         | 19.9        |
|                                 | Amps (LRA), Comp. 1                        | 112         | 112         | 112         | 83.1        | 83.1        | 41          | 109         |
|                                 | No.                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                                 | Volts                                      | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 460         | 208/230     |
|                                 | Phase                                      | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                                 | HP                                         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         |
| Evaporator Fan                  | Amps (FLA, each)                           | 1.5         | 1.5         | 1.5         | 2           | 2           | 1           | 2           |
|                                 | Amps (LRA, each)                           | 3           | 3           | 3           | 3.9         | 3.9         | 2.2         | 3.9         |
|                                 | No.                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                                 | Volts                                      | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 460         | 208/230     |
|                                 | Phase                                      | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                                 | HP                                         | 3/4         | 3/4         | 3/4         | 3/4         | 3/4         | 3/4         | 3/4         |
|                                 | Amps (FLA, each)                           | 6           | 6           | 6           | 6           | 6           | 3.2         | 6           |
|                                 | Amps (LRA, each)                           |             |             |             |             |             |             |             |

1. Horsepower Per Compressor.

2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.



Air

Electrical Data  
**RGEA14 Series****ELECTRICAL DATA – RGEA14 SERIES**

|                         |                                            | <b>048AJT08XAA</b> | <b>048AJT101AA</b> | <b>048AJT10XAA</b> | <b>060ACT101AA</b> | <b>060ADT101AA</b> | <b>060AJT101AA</b> | <b>060AJT10XAA</b> |
|-------------------------|--------------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| <b>Unit Information</b> | Unit Operating Voltage Range               | 187-253            | 187-253            | 187-253            | 197-253            | 414-506            | 197-253            | 197-253            |
|                         | Volts                                      | 208/230            | 208/230            | 208/230            | 208/230            | 460                | 208/230            | 208/230            |
|                         | Phase                                      | 1                  | 1                  | 1                  | 3                  | 3                  | 1                  | 1                  |
|                         | Hz                                         | 60                 | 60                 | 60                 | 60                 | 60                 | 60                 | 60                 |
|                         | Minimum Circuit Ampacity                   | 33                 | 33                 | 33                 | 32                 | 16                 | 41                 | 41                 |
|                         | Minimum Overcurrent Protection Device Size | 35                 | 35                 | 35                 | 35                 | 20                 | 45                 | 45                 |
|                         | Maximum Overcurrent Protection Device Size | 50                 | 50                 | 50                 | 45                 | 20                 | 60                 | 60                 |
| <b>Compressor Motor</b> | No.                                        | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |
|                         | Volts                                      | 208/230            | 208/230            | 208/230            | 208/230            | 460                | 208/230            | 208/230            |
|                         | Phase                                      | 1                  | 1                  | 1                  | 3                  | 3                  | 1                  | 1                  |
|                         | RPM                                        | 3450               | 3450               | 3450               | 3500               | 3500               | 3500               | 3500               |
|                         | HP, Compressor 1                           | 4                  | 4                  | 4                  | 5                  | 5                  | 5                  | 5                  |
|                         | Amps (RLA), Comp. 1                        | 19.9               | 19.9               | 19.9               | 17.8               | 8.6                | 24.4               | 24.4               |
|                         | Amps (LRA), Comp. 1                        | 109                | 109                | 109                | 110                | 52                 | 144.2              | 144.2              |
| <b>Condenser Motor</b>  | No.                                        | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |
|                         | Volts                                      | 208/230            | 208/230            | 208/230            | 208/230            | 460                | 208/230            | 208/230            |
|                         | Phase                                      | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |
|                         | HP                                         | 1/3                | 1/3                | 1/3                | 1/3                | 1/3                | 1/3                | 1/3                |
|                         | Amps (FLA, each)                           | 2                  | 2                  | 2                  | 2                  | 1                  | 2                  | 2                  |
|                         | Amps (LRA, each)                           | 3.9                | 3.9                | 3.9                | 3.9                | 2.2                | 3.9                | 3.9                |
| <b>Evaporator Fan</b>   | No.                                        | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |
|                         | Volts                                      | 208/230            | 208/230            | 208/230            | 208/230            | 460/460            | 208/230            | 208/230            |
|                         | Phase                                      | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |
|                         | HP                                         | 3/4                | 3/4                | 3/4                | 1                  | 1                  | 1                  | 1                  |
|                         | Amps (FLA, each)                           | 6                  | 6                  | 6                  | 7.6                | 4                  | 7.6                | 7.6                |
|                         | Amps (LRA, each)                           |                    |                    |                    |                    |                    |                    |                    |

1. Horsepower Per Compressor.

2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.



## ELECTRICAL DATA – RGEA15 SERIES

|                  |                                            | 024AJT***AA | 024AJV***AA | 030AJT***AA | 030AJV***AA | 036ACT***AA | 036ADT***AA | 036AJT***AA | 036AJV060AA | 036AJV080AA<br>036AJV100AA |
|------------------|--------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------------|
| Unit Information | Unit Operating Voltage Range               | 187-253     | 187-253     | 187-253     | 187-253     | 187-253     | 414-506     | 187-253     | 187-253     | 187-253                    |
|                  | Volts                                      | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 460         | 208/230     | 208/230     | 208/230                    |
|                  | Phase                                      | 1           | 1           | 1           | 1           | 3           | 3           | 1           | 1           | 1                          |
|                  | Hz                                         | 60          | 60          | 60          | 60          | 60          | 60          | 60          | 60          | 60                         |
|                  | Minimum Circuit Ampacity                   | 19          | 19          | 21          | 21          | 17          | 10          | 24          | 23          | 24                         |
|                  | Minimum Overcurrent Protection Device Size | 20          | 25          | 25          | 25          | 20          | 15          | 25          | 30          | 30                         |
|                  | Maximum Overcurrent Protection Device Size | 25          | 30          | 30          | 30          | 25          | 15          | 35          | 35          | 35                         |
| Compressor Motor | No.                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1                          |
|                  | Volts                                      | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 460         | 208/230     | 208/230     | 208/230                    |
|                  | Phase                                      | 1           | 1           | 1           | 1           | 3           | 3           | 1           | 1           | 1                          |
|                  | RPM                                        | 3450        | 3450        | 3450        | 3450        | 3450        | 3450        | 3450        | 3450        | 3450                       |
|                  | HP, Compressor 1                           | 2 1/6       | 2 1/6       | 2 2/3       | 2 2/3       | 3 1/3       | 3 1/3       | 3 1/3       | 3 1/3       | 3 1/3                      |
|                  | Amps (RLA), Comp. 1                        | 11.2        | 11.2        | 12.8        | 12.8        | 9           | 5.6         | 14.1        | 14.1        | 14.1                       |
|                  | Amps (LRA), Comp. 1                        | 60.8        | 60.8        | 64          | 64          | 71          | 38          | 77          | 77          | 77                         |
| Condenser Motor  | No.                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1                          |
|                  | Volts                                      | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 460         | 208/230     | 208/230     | 208/230                    |
|                  | Phase                                      | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1                          |
|                  | HP                                         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3                        |
|                  | Amps (FLA, each)                           | 1.5         | 1.5         | 1.5         | 1.5         | 1.5         | 0.8         | 1.5         | 1.5         | 1.5                        |
|                  | Amps (LRA, each)                           | 3           | 3           | 3           | 3           | 3           | 1.6         | 3           | 3           | 3                          |
| Evaporator Fan   | No.                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1                          |
|                  | Volts                                      | 208/230     | 208/230     | 208/230     | 208/230     | 208/230     | 460/460     | 208/230     | 208/230     | 208/230                    |
|                  | Phase                                      | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1                          |
|                  | HP                                         | 1/3         | 1/2         | 1/2         | 1/2         | 1/2         | 1/2         | 1/2         | 1/2         | 1/2                        |
|                  | Amps (FLA, each)                           | 2.8         | 3.5         | 2.8         | 3.5         | 4.1         | 2.1         | 4.1         | 3.5         | 4.0                        |
|                  | Amps (LRA, each)                           |             |             |             |             |             |             |             |             |                            |

1. Horsepower Per Compressor.

2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.

## ELECTRICAL DATA – RGEA15 SERIES

|                  |                                            | 042ACT***AA | 042AJT***AA | 042AJV***AA | 048ACT***AA | 048ADT***AA | 048AJT***AA | 048AJV***AA | 060ACT***AA | 060ADT***AA |
|------------------|--------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Unit Information | Unit Operating Voltage Range               | 187-253     | 187-253     | 187-253     | 187-253     | 414-506     | 187-253     | 187-253     | 197-253     | 414-506     |
|                  | Volts                                      | 208/230     | 208/230     | 208/230     | 208/230     | 460         | 208/230     | 208/230     | 208/230     | 460         |
|                  | Phase                                      | 3           | 1           | 1           | 3           | 3           | 1           | 1           | 3           | 3           |
|                  | Hz                                         | 60          | 60          | 60          | 60          | 60          | 60          | 60          | 60          | 60          |
|                  | Minimum Circuit Ampacity                   | 24          | 30          | 28          | 25          | 12          | 33          | 34          | 30          | 15          |
|                  | Minimum Overcurrent Protection Device Size | 25          | 30          | 35          | 25          | 35          | 35          | 40          | 50          | 20          |
| Compressor Motor | Maximum Overcurrent Protection Device Size | 35          | 45          | 45          | 35          | 15          | 50          | 50          | 45          | 20          |
|                  | No.                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                  | Volts                                      | 208/230     | 208/230     | 208/230     | 208/230     | 460         | 208/230     | 208/230     | 208/230     | 460         |
|                  | Phase                                      | 3           | 1           | 1           | 3           | 1           | 1           | 1           | 3           | 3           |
|                  | RPM                                        | 3450        | 3450        | 3450        | 3450        | 3450        | 3450        | 3450        | 3450        | 3450        |
|                  | HP, Compressor 1                           | 3 1/2       | 3 1/2       | 3 1/2       | 4           | 4           | 4           | 4           | 5           | 5           |
| Condenser Motor  | Amps (RLA), Comp. 1                        | 13.2        | 17.9        | 17.9        | 13.1        | 6.1         | 19.9        | 19.9        | 16.2        | 7.6         |
|                  | Amps (LRA), Comp. 1                        | 88          | 112         | 112         | 83.1        | 43          | 109         | 109         | 110         | 52          |
|                  | No.                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                  | Volts                                      | 208/230     | 208/230     | 208/230     | 208/230     | 460         | 208/230     | 208/230     | 208/230     | 460         |
|                  | Phase                                      | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                  | HP                                         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         | 1/3         |
| Evaporator Fan   | Amps (FLA, each)                           | 1.5         | 1.5         | 1.5         | 2           | 1           | 2           | 2           | 2           | 1           |
|                  | Amps (LRA, each)                           | 3           | 3           | 3           | 3.9         | 3.9         | 3.9         | 3.9         | 3.9         | 2.2         |
|                  | No.                                        | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                  | Volts                                      | 208/230     | 208/230     | 208/230     | 208/230     | 460         | 208/230     | 208/230     | 208/230     | 460/460     |
|                  | Phase                                      | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
|                  | HP                                         | 3/4         | 3/4         | 3/4         | 3/4         | 3/4         | 3/4         | 1           | 1           | 1           |
|                  | Amps (FLA, each)                           | 6           | 6           | 4           | 6           | 3.2         | 6           | 6.8         | 7.6         | 4           |
|                  | Amps (LRA, each)                           |             |             |             |             |             |             |             |             |             |

1. Horsepower Per Compressor.

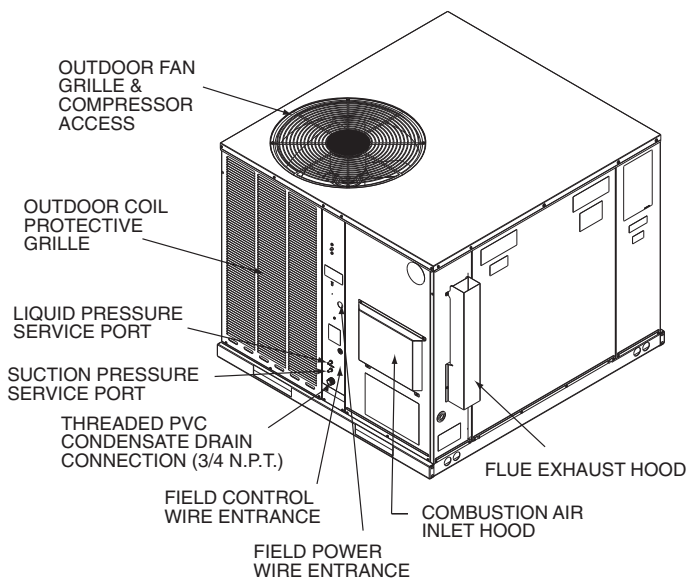
2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.

# ELECTRICAL DATA – RGEA15 SERIES

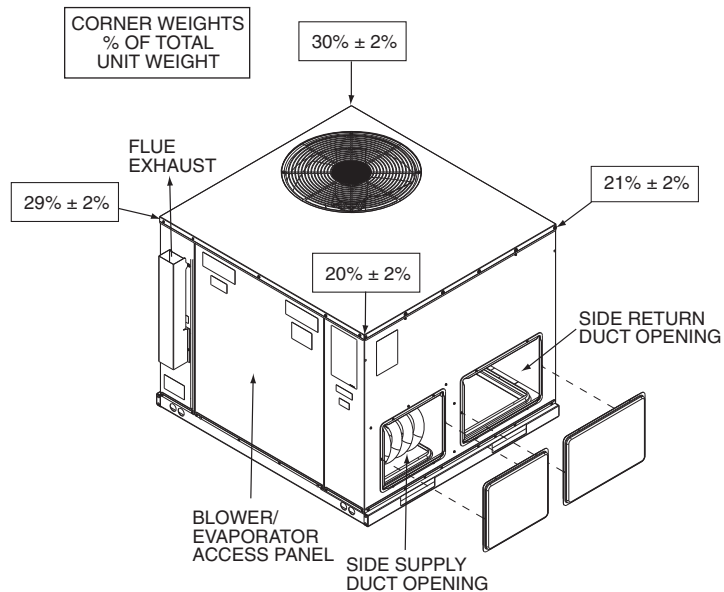
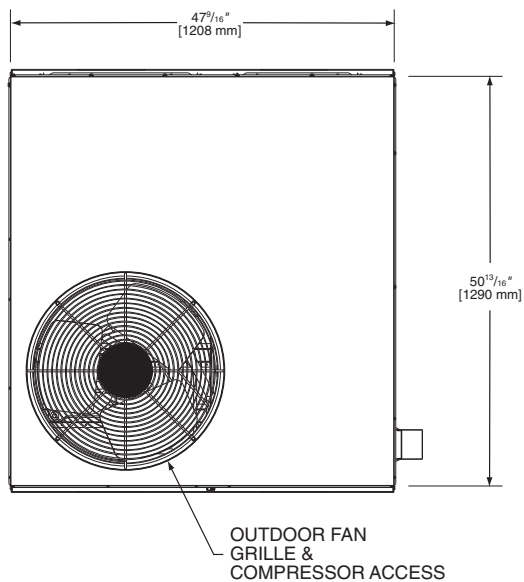
|                  |                                            | 060AJT***AA | 060AJV***AA |  |  |  |  |  |  |  |
|------------------|--------------------------------------------|-------------|-------------|--|--|--|--|--|--|--|
| Unit Information | Unit Operating Voltage Range               | 197-253     | 197-253     |  |  |  |  |  |  |  |
|                  | Volts                                      | 208/230     | 208/230     |  |  |  |  |  |  |  |
|                  | Phase                                      | 1           | 1           |  |  |  |  |  |  |  |
|                  | Hz                                         | 60          | 60          |  |  |  |  |  |  |  |
|                  | Minimum Circuit Ampacity                   | 46          | 45          |  |  |  |  |  |  |  |
|                  | Minimum Overcurrent Protection Device Size | 50          | 60          |  |  |  |  |  |  |  |
|                  | Maximum Overcurrent Protection Device Size | 70          | 70          |  |  |  |  |  |  |  |
| Compressor Motor | No.                                        | 1           | 1           |  |  |  |  |  |  |  |
|                  | Volts                                      | 208/230     | 208/230     |  |  |  |  |  |  |  |
|                  | Phase                                      | 1           | 1           |  |  |  |  |  |  |  |
|                  | RPM                                        | 3450        | 3450        |  |  |  |  |  |  |  |
|                  | HP, Compressor 1                           | 5           | 5           |  |  |  |  |  |  |  |
|                  | Amps (RLA), Comp. 1                        | 28.8        | 28.8        |  |  |  |  |  |  |  |
|                  | Amps (LRA), Comp. 1                        | 152.9       | 152.9       |  |  |  |  |  |  |  |
| Condenser Motor  | No.                                        | 1           | 1           |  |  |  |  |  |  |  |
|                  | Volts                                      | 208/230     | 208/230     |  |  |  |  |  |  |  |
|                  | Phase                                      | 1           | 1           |  |  |  |  |  |  |  |
|                  | HP                                         | 1/3         | 1/3         |  |  |  |  |  |  |  |
|                  | Amps (FLA, each)                           | 2           | 2           |  |  |  |  |  |  |  |
|                  | Amps (LRA, each)                           | 3.9         | 3.9         |  |  |  |  |  |  |  |
| Evaporator Fan   | No.                                        | 1           | 1           |  |  |  |  |  |  |  |
|                  | Volts                                      | 208/230     | 208/230     |  |  |  |  |  |  |  |
|                  | Phase                                      | 1           | 1           |  |  |  |  |  |  |  |
|                  | HP                                         | 1           | 1           |  |  |  |  |  |  |  |
|                  | Amps (FLA, each)                           | 7.6         | 6.8         |  |  |  |  |  |  |  |
|                  | Amps (LRA, each)                           |             |             |  |  |  |  |  |  |  |

1. Horsepower Per Compressor.

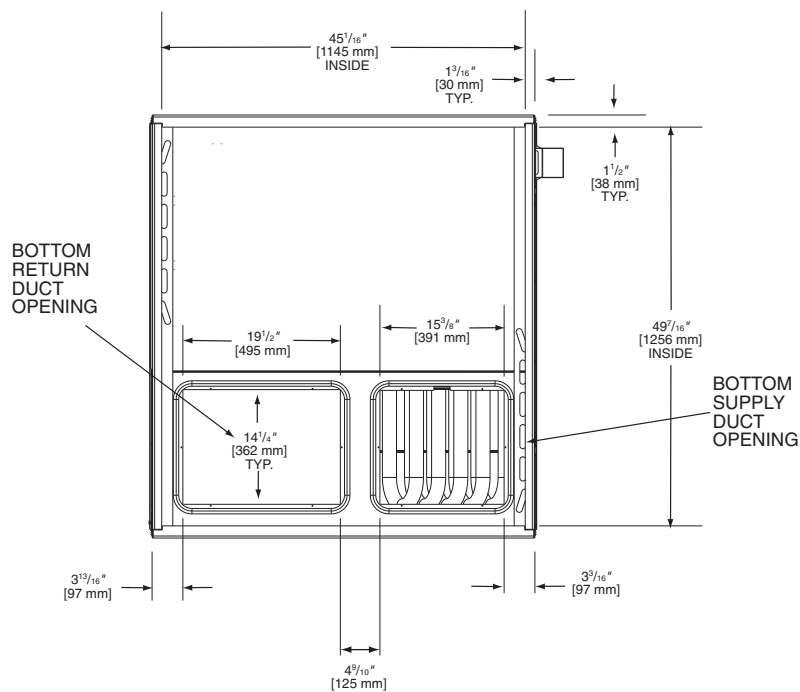
2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.



**TOP VIEW**

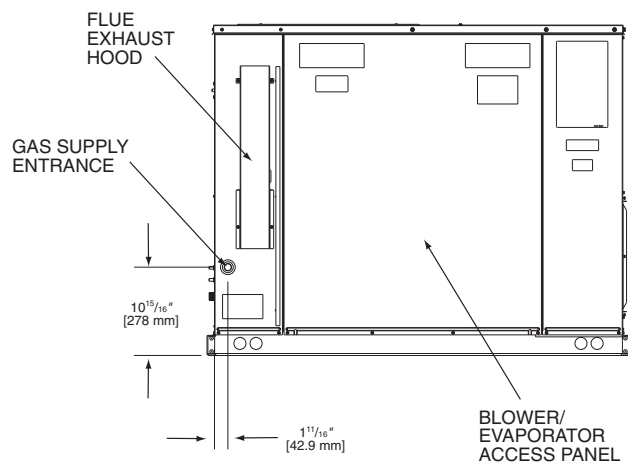


**BOTTOM VIEW**

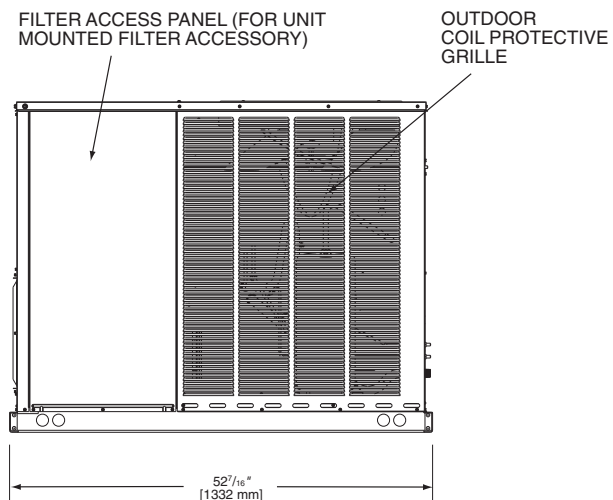


[ ] Designates Metric Conversions

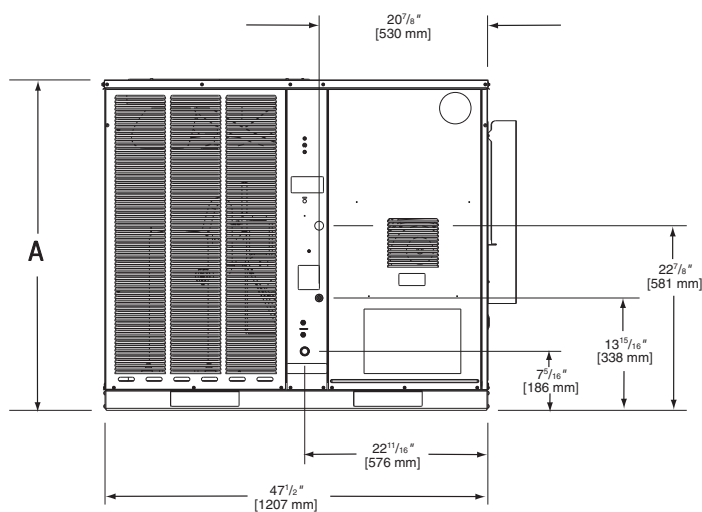
## SIDE VIEW



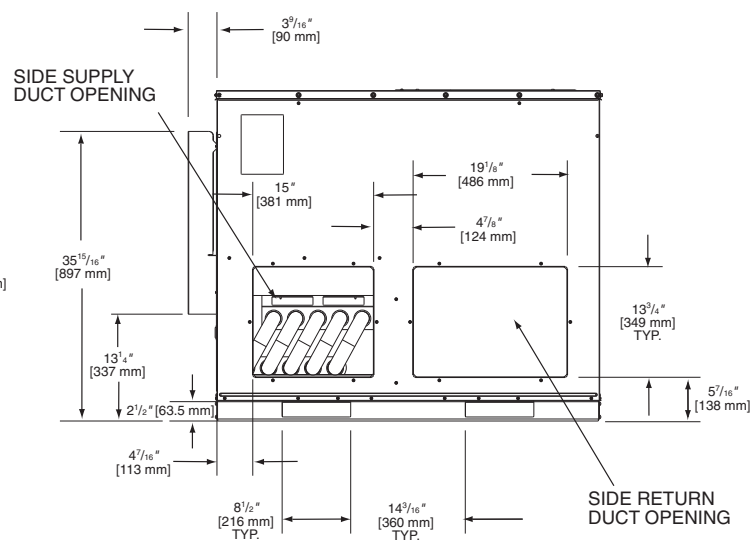
## SIDE VIEW



## FRONT VIEW



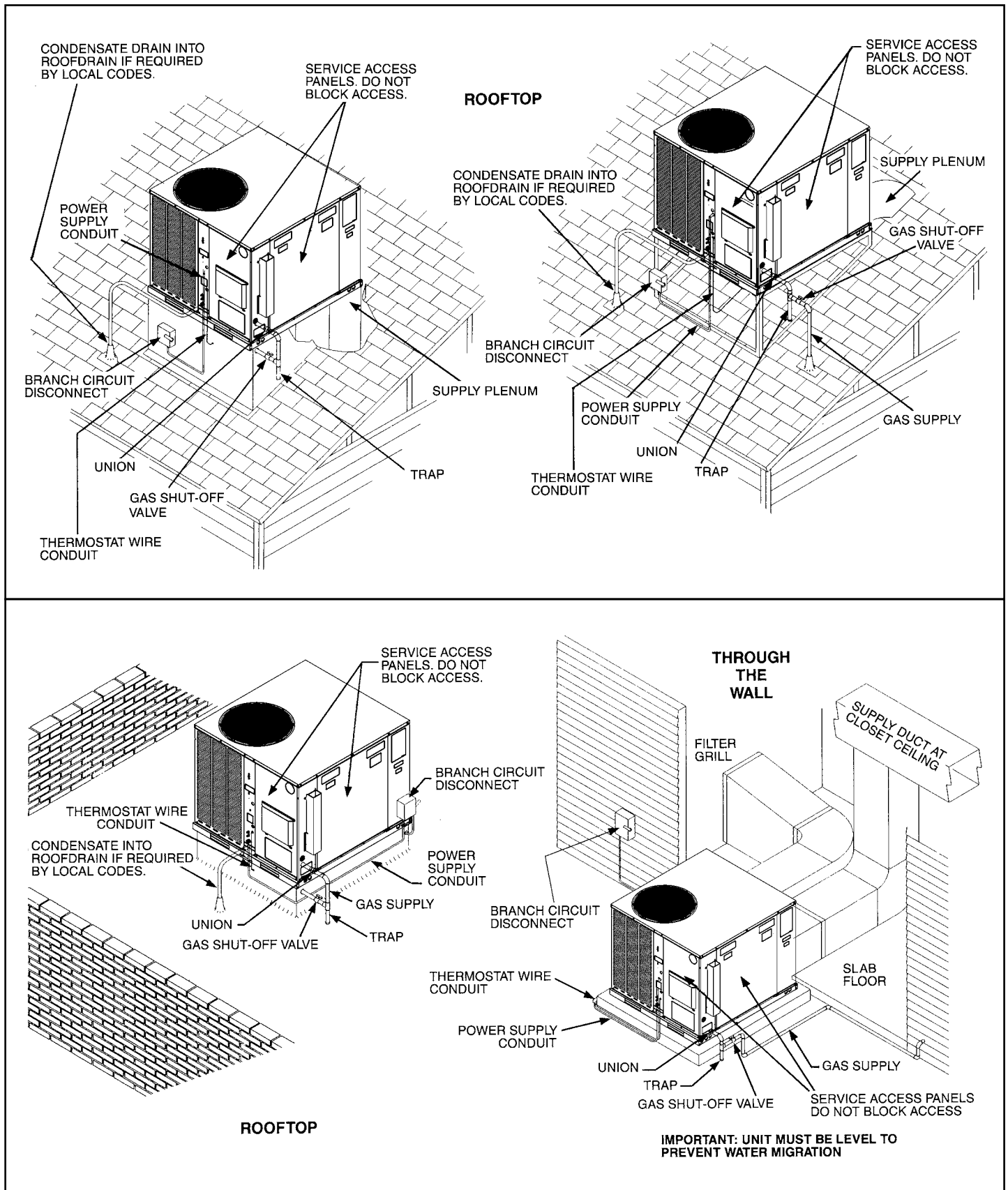
## BACK VIEW



SHOWN WITH DUCT COVERS REMOVED.

| Models RGEA<br>14/15  | Height "A"         |
|-----------------------|--------------------|
| 024, 030,<br>036, 042 | $35\frac{15}{16}"$ |
| 048,<br>060           | 41"                |

[ ] Designates Metric Conversions



[ ] Designates Metric Conversions

## ACCESSORY EQUIPMENT

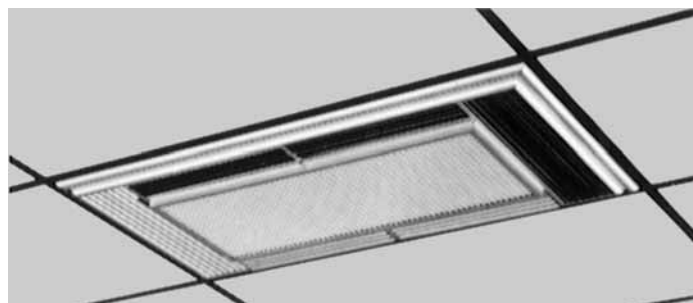
| Accessory Description                                           | Model Application      | Accessory Model No.                                                                                     |
|-----------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------|
| Thermostats                                                     | RGEA14/15              | See Thermostat Specification Sheet (T11-001)                                                            |
| Roofcurbs                                                       | RGEA14/15              | RXSG-AAA08 (8" [203 mm] Height)<br>RXSG-AAA14 (14" [356 mm] Height)<br>RXSG-AAA24 (24" [610 mm] Height) |
| Supply & Return Diffusers                                       | RGEA14/15              | RXRN-BD15                                                                                               |
| Economizers (Sideflow Only)                                     | RGEA14/15              | AXRE-CCA30 (3 Position)<br>AXRD-CCM10 (Fully Modulating)                                                |
| Economizers (Downflow Only)                                     | RGEA14/15              | AXRE-CAA30 (3 Position)<br>AXRD-CAM10 (Fully Modulating)                                                |
| Fresh Air Damper                                                | RGEA14/15              | AXRF-FAB1 (Motorized-35%)<br>AXRF-FAA1 (Fixed-35%)                                                      |
| Rectangular to Round Transition (Downflow)                      | RGEA14/15              | RXMC-CA02 (16" [406 mm] Ducts)<br>RXMC-CA03 (18" [457 mm] Ducts)                                        |
| Filter Kit                                                      | RGEA14/15              | RXRY-B01                                                                                                |
| Sideflow Rectangular to Round Transition                        | RGEA14/15              | RXMC-BA01                                                                                               |
| LP Conversion Kits                                              | RGEA14/15              | RXGJ-EP84W (White-Rodgers Gas Valve)<br>RXGJ-EP85H (Honeywell Gas Valve)<br>RXGJ-FP28                   |
| Low Ambient Control                                             | RGEA14/15              | RXRZ-B01                                                                                                |
| High Pressure Control                                           | RGEA14/15 <sup>2</sup> | RXAB-E01                                                                                                |
| Low Pressure Control                                            | RGEA14/15 <sup>2</sup> | RXAC-C01                                                                                                |
| Canadian High Altitude Kit (for Natural Gas only <sup>1</sup> ) | RGEA14/15              | RXR-AXH01                                                                                               |

<sup>1</sup> If a particular unit is to be converted to operate on LP (propane) for elevations above 2000 ft. [609.6 m] in Canada, the existing Natural Gas to LP Conversion Kits for the subject models already contain the necessary orifices and instructions to de-rate the input for 2000-4500 ft. [609.6-1371.6 m] Canadian applications.

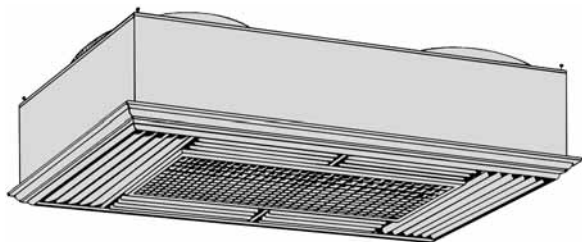
<sup>2</sup> High pressure switches are standard for RGEA15 Models.

[ ] Designates Metric Conversions

## COMMON SUPPLY/RETURN CONCENTRIC AIR DIFFUSER



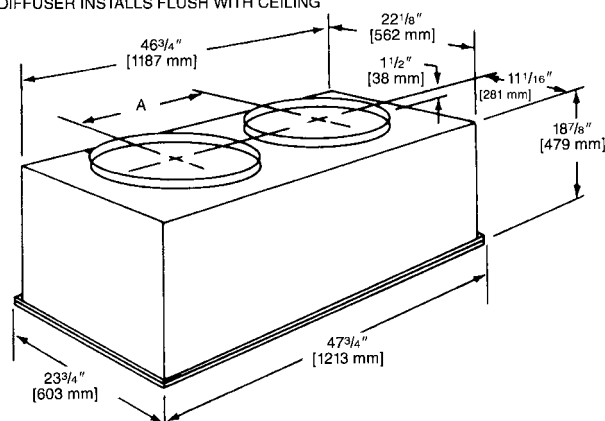
### SUPPLY/RETURN DIFFUSER



Designed to convert a side by side or an over and under arrangement into a concentric distribution of air. The diffuser is flush mounted, completely insulated, assembled, and internally baffled to provide four way supply air distribution with a center return. To make the assembly complete and ready to fit into a 2' [0.61 m] x 4' [1.22 m] suspended ceiling grid, the diffuser includes adjustable supply louvers, hanging rings, anti-sweat gasket, and round flanges for use with flexible ducts.

| Model No.<br>RXRN- | Diameter<br>Inches [mm] | Shipping Wt.<br>Lbs. [kg] | Dimension A<br>Inches [mm] |
|--------------------|-------------------------|---------------------------|----------------------------|
| BD15               | 16 [406]                | 90 [40.82]                | 20 1/2 [521]               |

DIFFUSER INSTALLS FLUSH WITH CEILING



**NOTE:** The location of the combination supply and return diffuser should not exceed 10 feet [3.05 m] above the floor level for units @ 1000 CFM [472 L/s] or less and 12 [3.66 m] to 14 feet [4.27 m] above the floor level for units with CFM greater than 1000 [472 L/s]. If the diffuser is installed with a greater distance than recommended above, the supply air may become stratified above the required comfort area causing uncomfortable conditions.

## AIRFLOW/PRESSURE DROP INFORMATION (INCHES W.C. [kPa])

| Accessory                   | Approximate CFM [L/s]-Supply Air |            |            |             |
|-----------------------------|----------------------------------|------------|------------|-------------|
|                             | 1300 [614]                       | 1575 [743] | 1800 [850] | 2200 [1038] |
| Plenum & Supply/Return Duct | .07 [.017]                       | .10 [.024] | .12 [.030] | .17 [.042]  |
| Diffuser                    | .09 [.022]                       | .13 [.032] | .16 [.040] | .24 [.060]  |
| Economizer                  | .06 [.015]                       | .09 [.022] | .11 [.027] | .17 [.042]  |

## SUPPLY AIR/PERFORMANCE

| Diffuser Airflow CFM [L/s] | Range of Throw Ft. [m] |
|----------------------------|------------------------|
| 800 [378]-1200 [566]       | 14 [4.27]-16 [4.88]    |
| 1600 [755]-2000 [944]      | 18 [5.49]-28 [8.53]    |

# THERMOSTATS



**200-Series \***  
 Programmable



**300-Series \***  
 Deluxe  
 Programmable

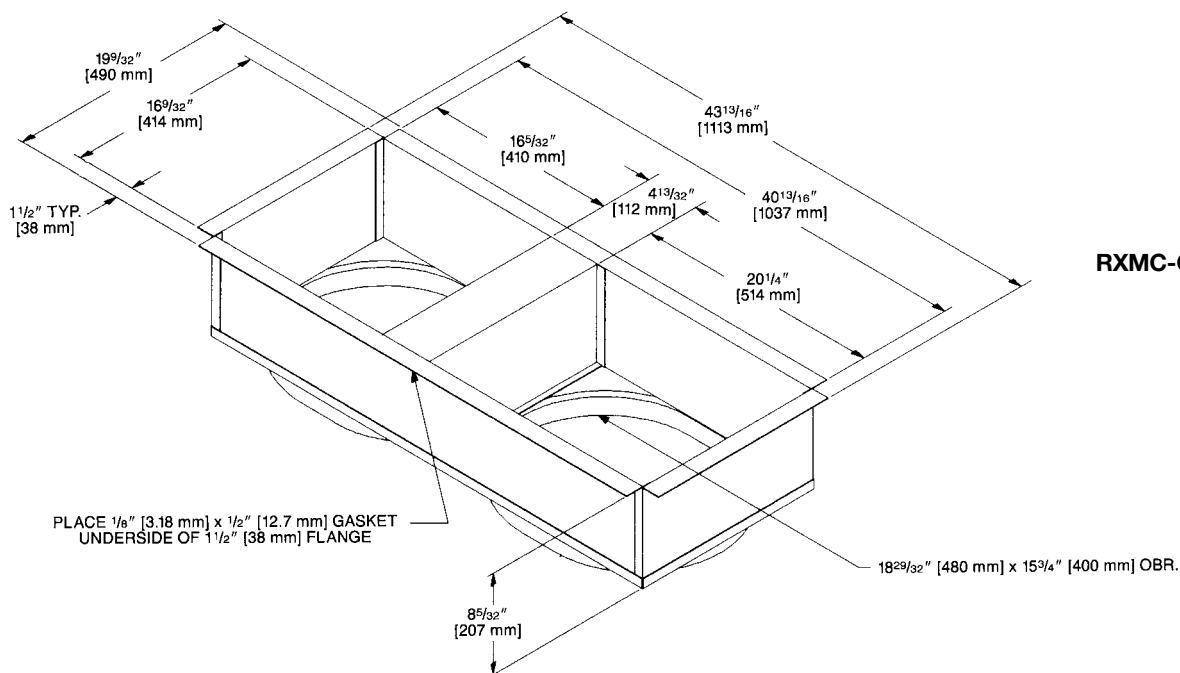
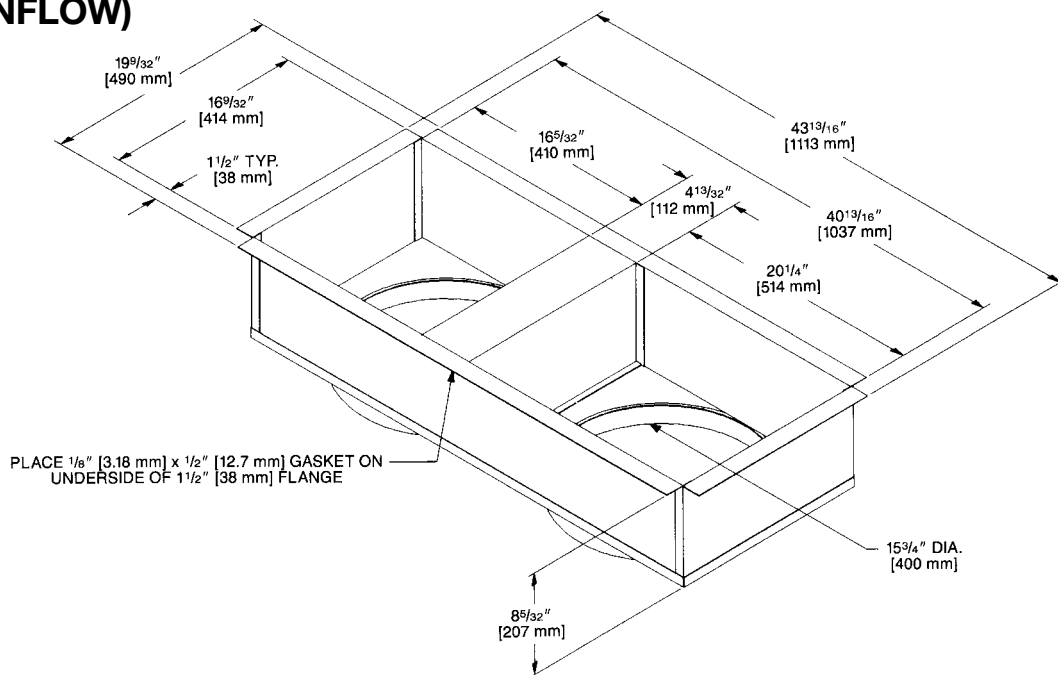
**400-Series \***  
 Special Applications/  
 Programmable

| Brand     |   | Descriptor<br>(3 Characters) | Series<br>(3 Characters)                                                                 | System<br>(2 Characters)                                                            | Type<br>(2 Characters)            |
|-----------|---|------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------|
| RHC       | - | TST                          | 213                                                                                      | UN                                                                                  | MS                                |
| RHC=Rheem |   | TST=Thermostat               | 200=Programmable<br>300=Deluxe Programmable<br>400=Special Applications/<br>Programmable | GE=Gas/Electric<br>UN=Universal (AC/HP/GE)<br>MD=Modulating Furnace<br>DF=Dual Fuel | SS=Single-Stage<br>MS=Multi-Stage |

\* Photos are representative. Actual models may vary.  
 For detailed thermostat match-up information,  
 see specification sheet form number T11-001.

## DUCT ADAPTERS RECTANGULAR TO ROUND TRANSITIONS (DOWNFLOW)

**RXMC-CA02**



**RXMC-CA03**

[ ] Designates Metric Conversions

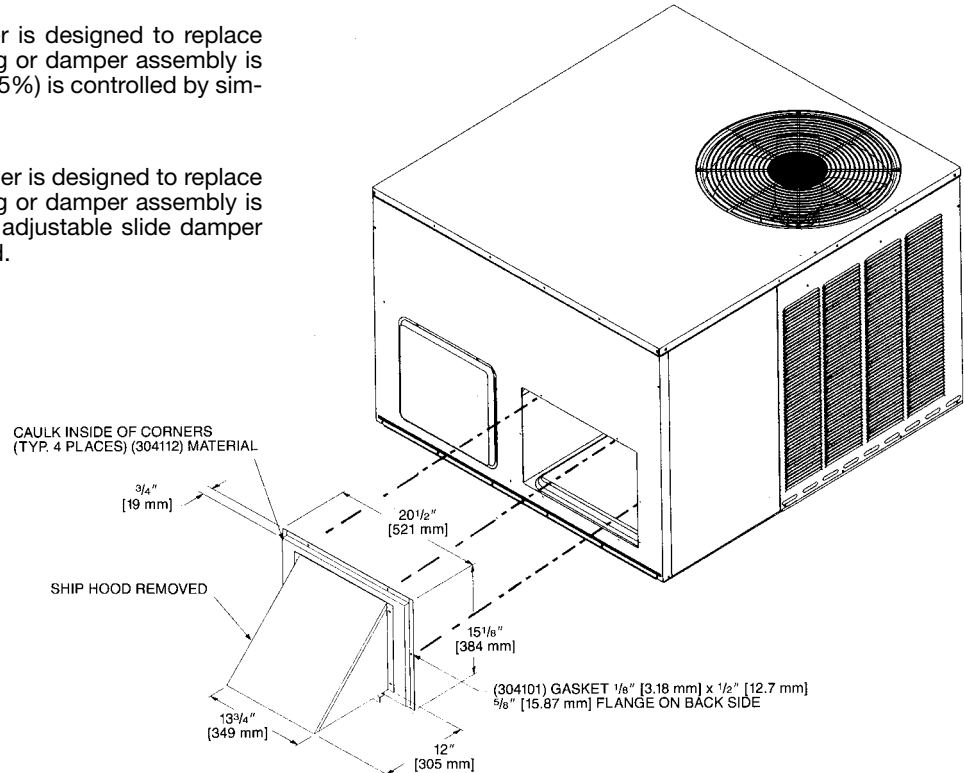
## FRESH AIR DAMPER

### AXRF-FAA1 (Fixed - 0-35%)

The 0-35% manual outside Air Damper is designed to replace the unit return air duct cover. No drilling or damper assembly is required. The amount of outside air (0-35%) is controlled by simply adjusting the side damper.

### AXRF-FAB1 (Motorized - 0-35%)

The 0-35% motorized outside Air Damper is designed to replace the unit return air duct cover. No drilling or damper assembly is required. The control motor opens the adjustable slide damper when the unit blower motor is energized.



## ECONOMIZERS

### RXRE-CAA30 (3 Position) and RXRD-CAM10 (Fully Modulating)

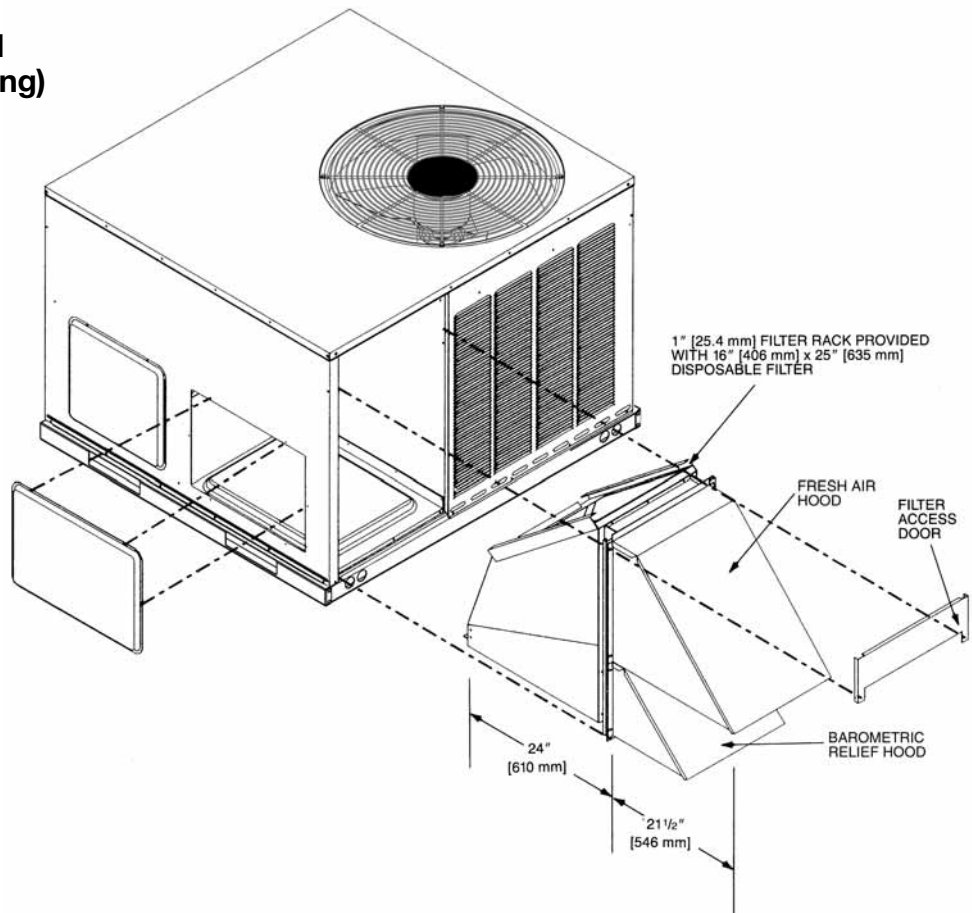
#### AXRE-CAA30 (3 Position)

Provided with enthalpy control, and mixed air sensor. Settings include fully open, fully closed and adjustable mid point.

#### AXRD-CAM10 (Fully Modulating)

Provided with enthalpy control, mixed air sensor and minimum position potentiometer for proportioning (modulating) the amount of fresh air.

**NOTE:** See economizer installation instructions for correct filter access door.



[ ] Designates Metric Conversions

## ECONOMIZERS

### RXRD-CCM10 (Fully Modulating) and RXRE-CCA30 (3 Position) Horizontal Application

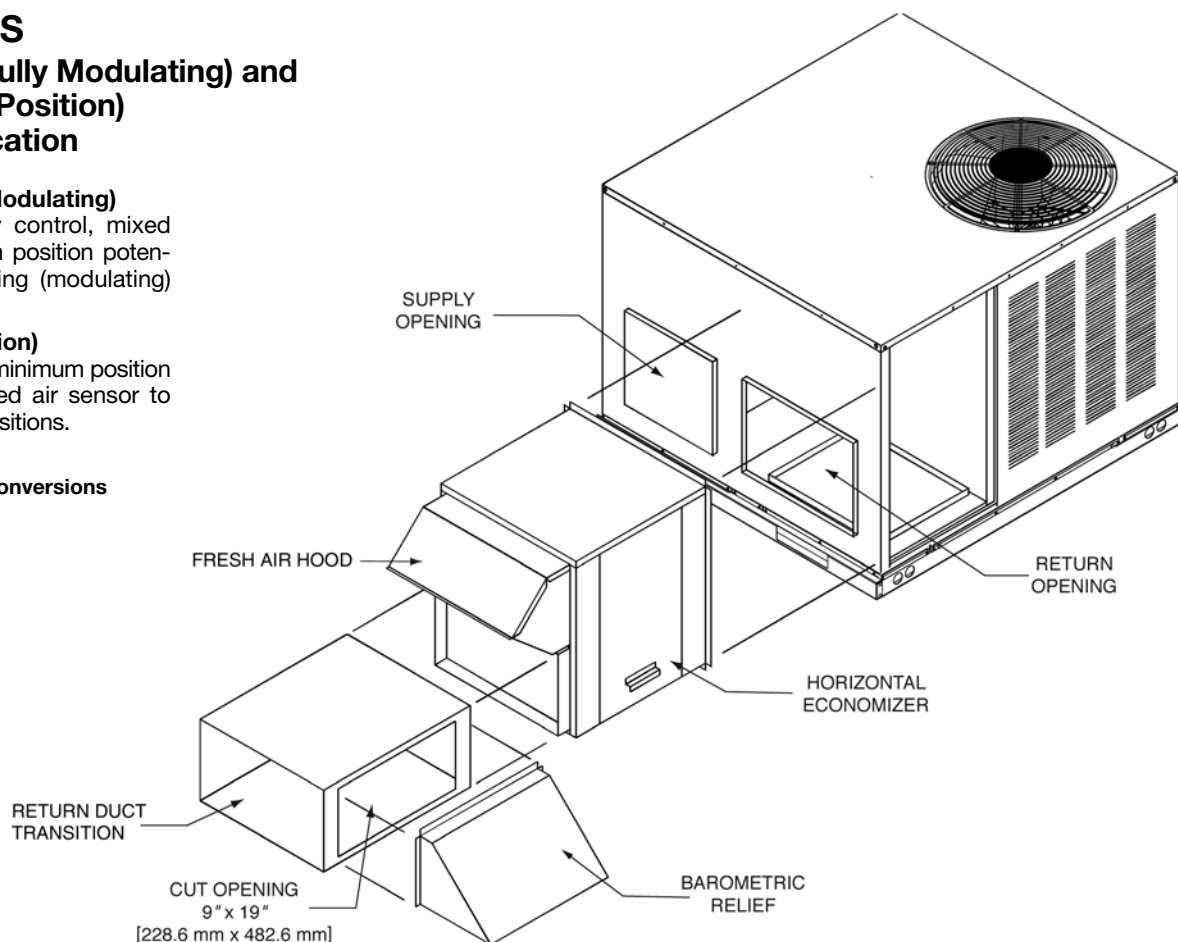
#### AXRD-CCM10 (Fully Modulating)

Provided with enthalpy control, mixed air sensor and minimum position potentiometer for proportioning (modulating) the amount of fresh air.

#### AXRE-CCA30 (3-Position)

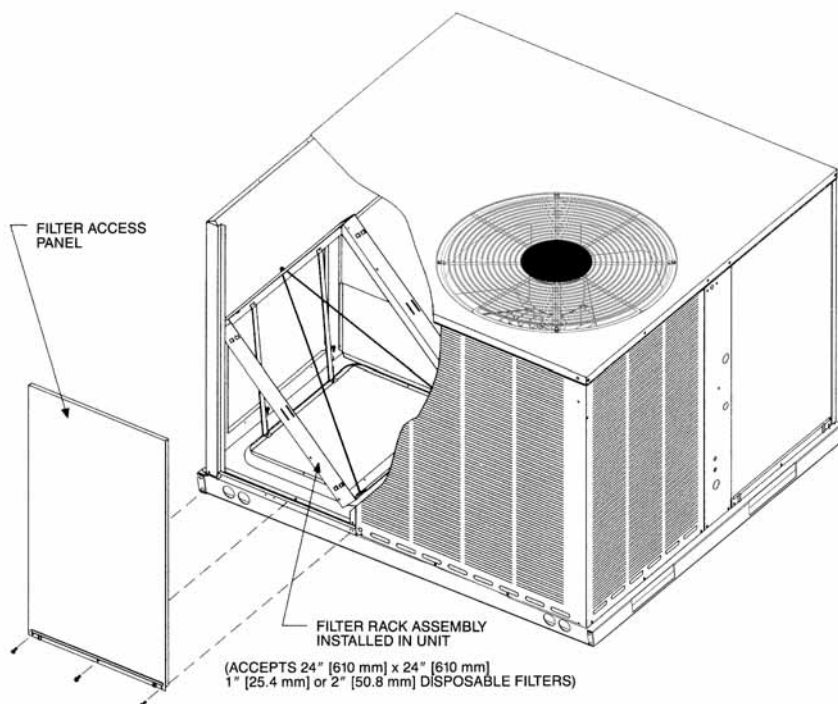
Has outdoor air sensor, minimum position potentiometer and mixed air sensor to provide three damper positions.

[ ] Designates Metric Conversions



## FILTER KIT INSTALLATION RXRY-B01

For use in either  
vertical or horizontal  
discharge.



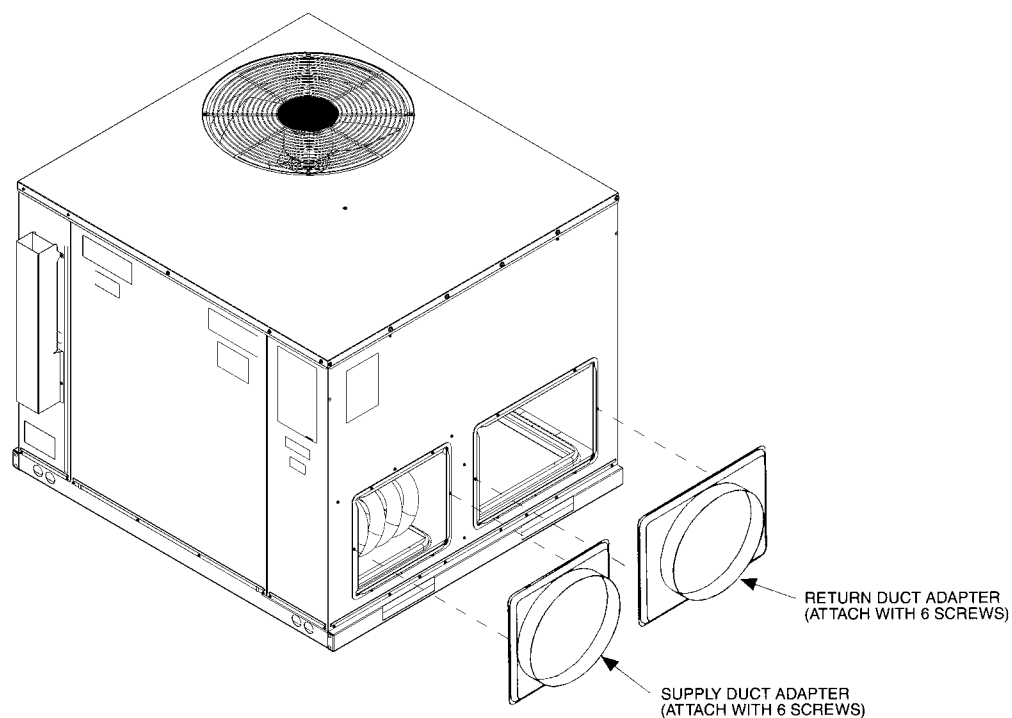
| Airflow Pressure Drop, Inches W.C. [kPa] |             |             |
|------------------------------------------|-------------|-------------|
| CFM [L/s]                                | 1" Filter   | 2" Filter   |
| 500 [236]                                | .02 [.0050] | .03 [.0075] |
| 600 [283]                                | .02 [.0050] | .03 [.0075] |
| 700 [330]                                | .03 [.0075] | .04 [.0101] |
| 800 [378]                                | .04 [.0101] | .05 [.0124] |
| 900 [425]                                | .05 [.0124] | .06 [.0149] |
| 1000 [472]                               | .07 [.0174] | .08 [.0199] |
| 1100 [519]                               | .08 [.0199] | .09 [.0224] |
| 1200 [566]                               | .10 [.0249] | .12 [.0299] |
| 1300 [614]                               | .13 [.0324] | .15 [.0373] |
| 1400 [661]                               | .16 [.0398] | .19 [.0473] |
| 1500 [708]                               | .19 [.0473] | .21 [.0523] |
| 1600 [755]                               | .20 [.0498] | .23 [.0572] |
| 1700 [802]                               | .21 [.0523] | .24 [.0598] |
| 1800 [850]                               | .22 [.0548] | .25 [.0623] |
| 1900 [897]                               | .24 [.0598] | .27 [.0672] |
| 2000 [944]                               | .26 [.0647] | .29 [.0722] |

[ ] Designates Metric Conversions

## DUCT ADAPTER SIDEFLOW SQUARE TO ROUND TRANSITION RXMC-A01

Adapts the side rectangular supply and return openings to 14" [356 mm] diameter round openings. Adapters provided with same finish as unit and also provided with thermal insulation.

[ ] Designates Metric Conversions

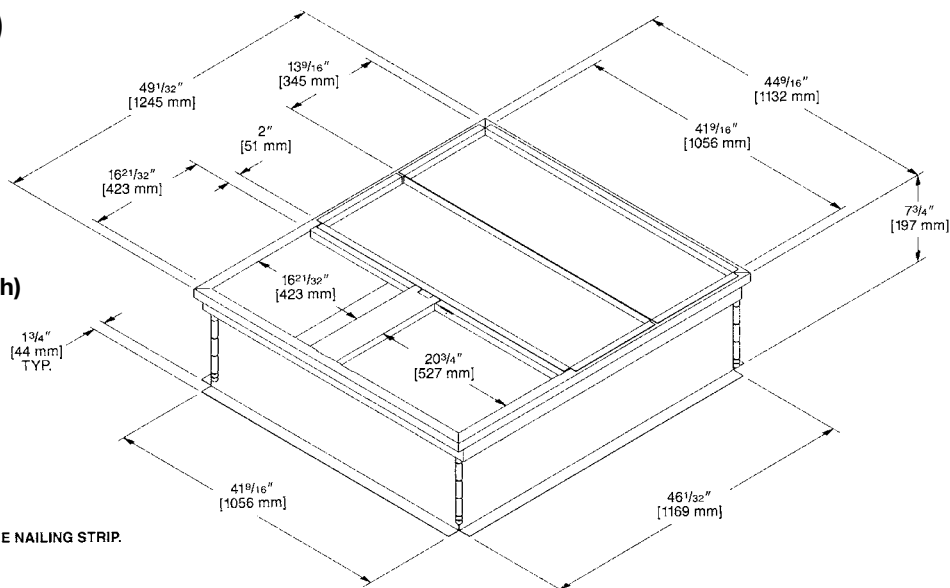


## ROOFCURB (Full Perimeter)

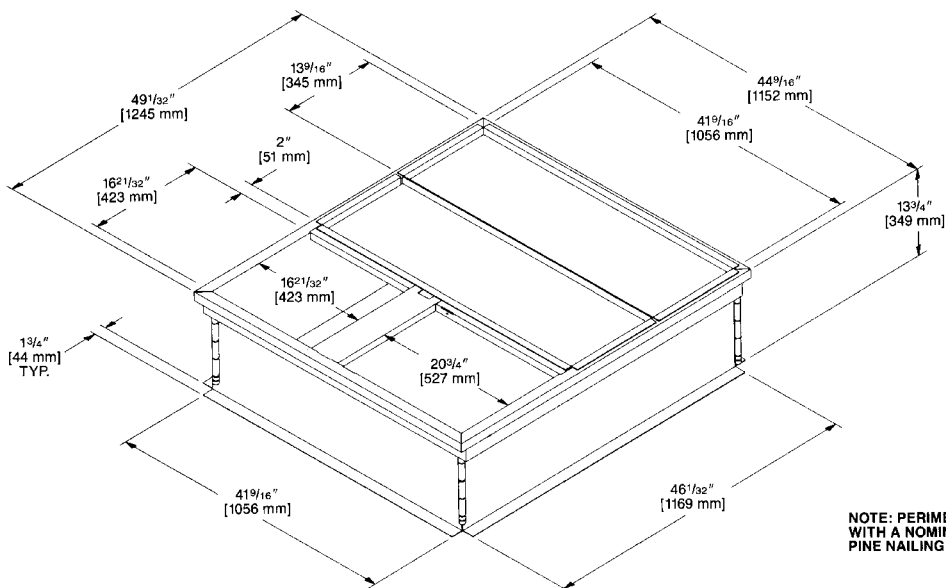
### RXSG-AAA08, RXSG-AAA14 and RXSG-AAA24

Hinged corners make for  
fast, easy set-up.

**RXSG-AAA08**  
(8" [203 mm] High)



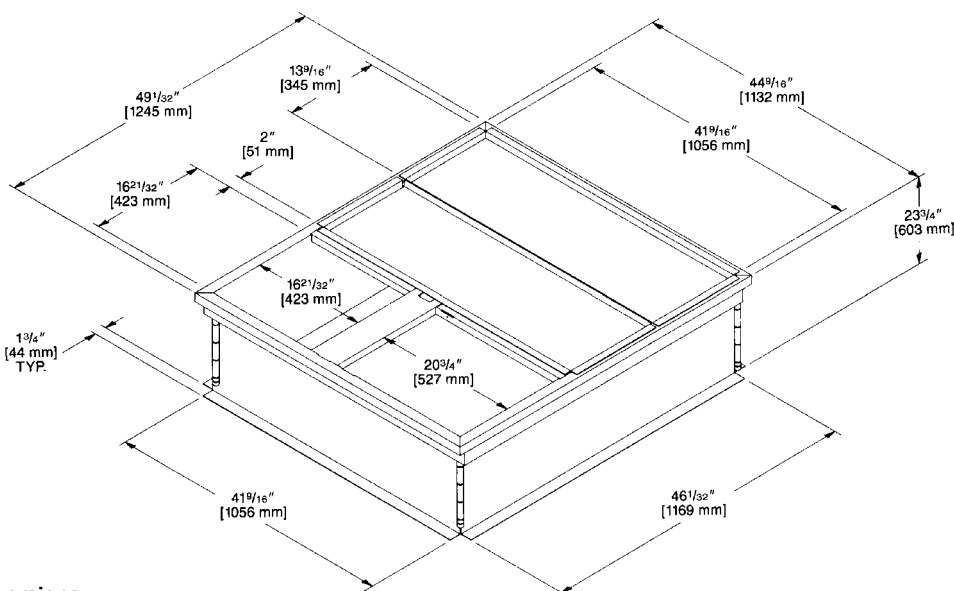
NOTE: PERIMETER OF ROOFCURB IS SUPPLIED  
WITH A NOMINAL 1" [25.4 mm] x 4" [102 mm] PINE NAILING STRIP.



**RXSG-AAA14**  
(14" [356 mm] High)

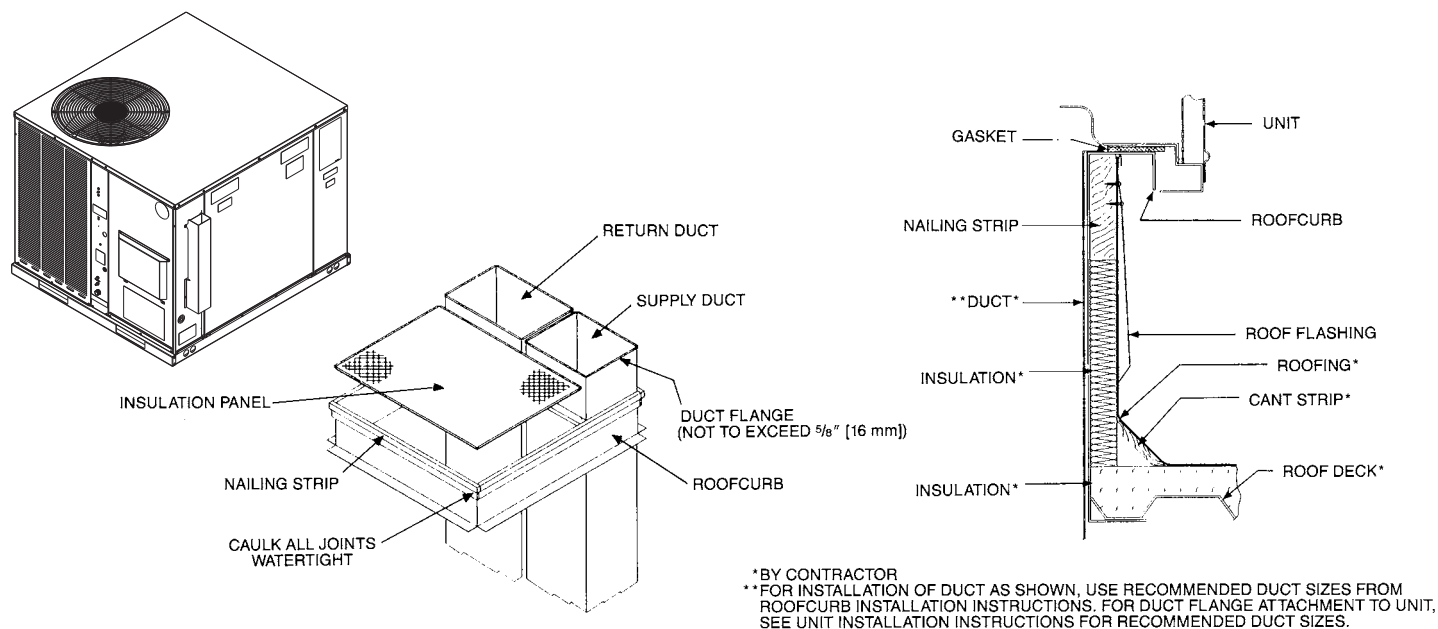
NOTE: PERIMETER OF ROOFCURB IS SUPPLIED  
WITH A NOMINAL 1" [25.4 mm] x 4" [102 mm]  
PINE NAILING STRIP.

**RXSG-AAA24**  
(24" [610 mm] High)



[ ] Designates Metric Conversions

## PACKAGE AIR CONDITIONERS & PACKAGE GAS/ELECTRIC UNITS ROOFCURB INSTALLATION (Full Perimeter)



## ROOFCURB ADAPTERS

Fabricated from galvanized steel to adapt the New cabinet to the old style curb. All are furnished with a New gasket.

### OLD MODEL

#### SMALL CABINET

(1½-2 TON) [5.28-7.03 kW]  
 RSNC-, RSND-, RSNE-  
 RRGE-, RRGF-, RRGG-, RSNY

20 SERIES

### OLD CURB MODEL

RXPA-CA20 (1)  
 RXRA-DB20 (2)

### NEW MODEL TO OLD MODEL ROOFCURB ADAPTER

RXPX-BACCA20  
 RXRX-BACDB20  
 RXPX-BACCA21  
 RXRX-BACDB21  
 RXPX-BCCCA22  
 RXRX-BCCDB22  
 RXPX-BCCCA23  
 RXRX-BCCDB23

### NEW MODEL PACKAGE

ONLY 1 CABINET SIZE—  
 ALL MODELS

RGEA

#### MEDIUM CABINET

(2½-3 TON) [8.79-10.55 kW]  
 RSNC-, RSND-, RSNE-  
 RRGE-, RRGF-, RRGG-, RSNY

21 SERIES

RXPA-CA21 (1)  
 RXRA-DB21 (2)

#### LARGE CABINET

(3-3½ TON) [10.55-12.31 kW]  
 RRGE-, RRGF-, RRGG-, RSNY

22 SERIES

RXPA-CA22 (1)  
 RXRA-DB22 (2)

#### EXTRA LARGE CABINET

(3½-5 TON) [12.31-17.6 kW]  
 RSNC-, RSND-, RSNE-  
 RRGE-, RRGF-, RRGG-, RSNY  
 (4-5 TON) [14.07-17.58 kW]

23 SERIES

RXPA-CA23 (1)  
 RXRA-DB23 (2)

(1) SLOPE TYPE

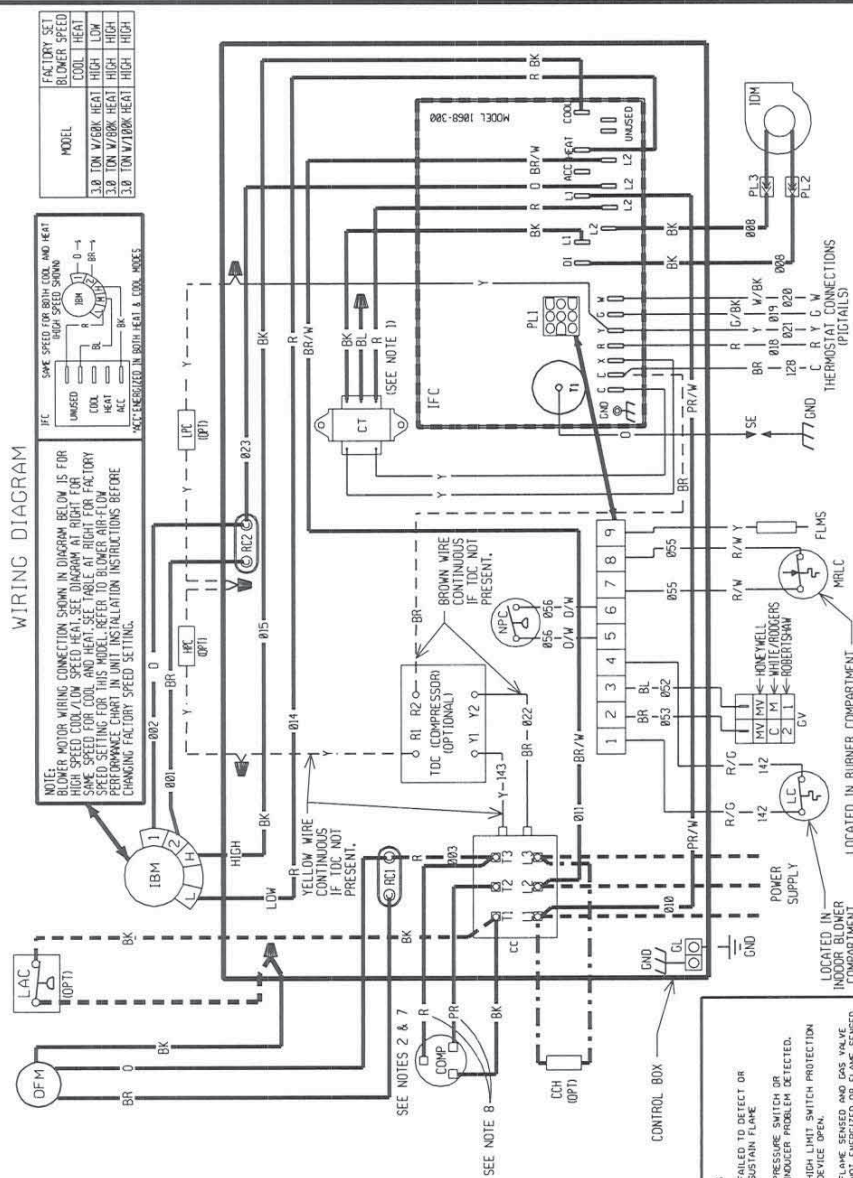
(2) FULL PERIMETER TYPE

[ ] Designates Metric Conversions

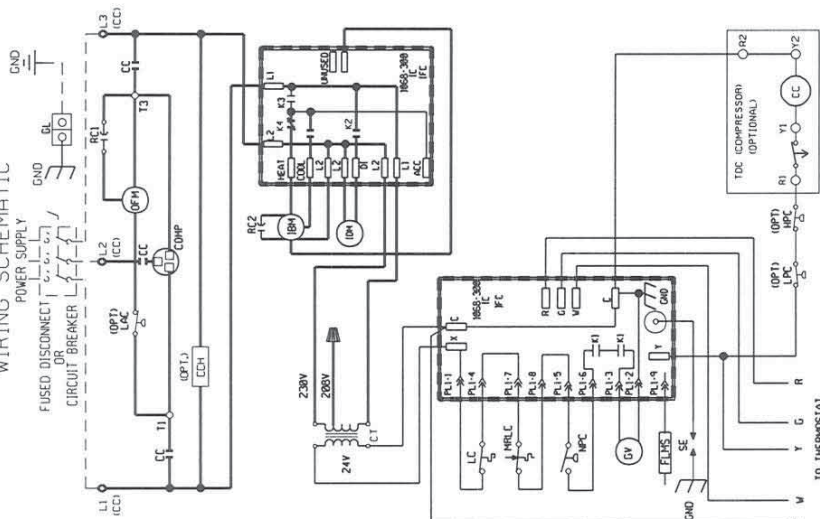
|                                                                                                          |                                                                   |
|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <p><b>PRINTING INSTRUCTIONS:</b> MAKE EXACTLY 8.0 IN X 10.0 IN. WHITE BACKGROUND WITH BLACK PRINTING</p> | <p><b>MATERIAL:</b> PRESSURE SENSITIVE, ADHESIVE BACKED LABEL</p> |
|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|

**MATERIAL:** PRESSURE SENSITIVE,  
ADHESIVE BACKED LABEL

## WIRING DIAGRAM



## WIRING SCHEMATIC



## WIRE COLOR CODE

**WIRE COLOR CODE**

|              |              |               |
|--------------|--------------|---------------|
| BK.....BLACK | G.....GREEN  | PR.....PURPLE |
| BR.....BROWN | GY.....GRAY  | R.....RED     |
| BL.....BLUE  | O.....ORANGE | W.....WHITE   |
|              |              | Y.....YELLOW  |

## ELECTRICAL WIRING DIAGRAM

3.0 TON GAS/ELECTRIC  
W/ INTEGRATED FURNACE CONTROL  
W/PSC BLOWER MOTOR  
208/230V, 3-PHASE

|                              |                             |                       |
|------------------------------|-----------------------------|-----------------------|
| APPROVED: <i>[Signature]</i> | CHECKED: <i>[Signature]</i> | ORIGINAL RELEASE NO.: |
| MODELED BY: ZJW              | DATE: 05-07-14              | R-1059S015            |
| PART NO.: 90-23626-23        |                             | REV: 00               |

## COMPONENT CODES

[illegible]

## NOTES

- NOTES**
1. MAIN UNIT TRANSFORMER PRIMARY LEADS:  
50 HZ DOWN BLUE-208 V BLACK-230 V  
REFERENCE BUS & BLUE LEADS FOR  
208 V TRANSFORMER OPERATION.
  2. MOTORS & COMPRESSOR THERMALLY PROTECTED.  
3. CONNECTORS SUITABLE FOR USE WITH COPPER  
CONDUCTORS ONLY.
  4. CONNECT FIELD WIRING IN GROUND RAINIGHT  
CONDUIT TO 60 HZ FUSED DISCONNECT.
  5. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH  
A CLASS 2 TRANSFORMER 24 VOLT, 50/60  
HERTZ SUPPLIED.
  6. REPLACEMENT FUSES MUST BE SAME TYPE &  
RATING AS ORIGINALS.
  7. COMPRESSOR PROTECTED UNDER PRIMARY  
CIRCUITS PHASE CONDITIONS.
  8. COMPRESSOR WIRES ARE ALL BLACK FOR UNITS  
WITHOUT MOLDED COMPRESSOR PLUG.

## WIRING INFORMATION

**WIRING INFORMATION**

|                   |       |
|-------------------|-------|
| LINE VOLTAGE      | _____ |
| -FACTORY STANDARD | _____ |
| -FACTORY OPTION   | _____ |
| -FIELD INSTALLED  | _____ |
| LOW VOLTAGE       | _____ |
| -FACTORY STANDARD | _____ |
| -FIELD INSTALLED  | _____ |

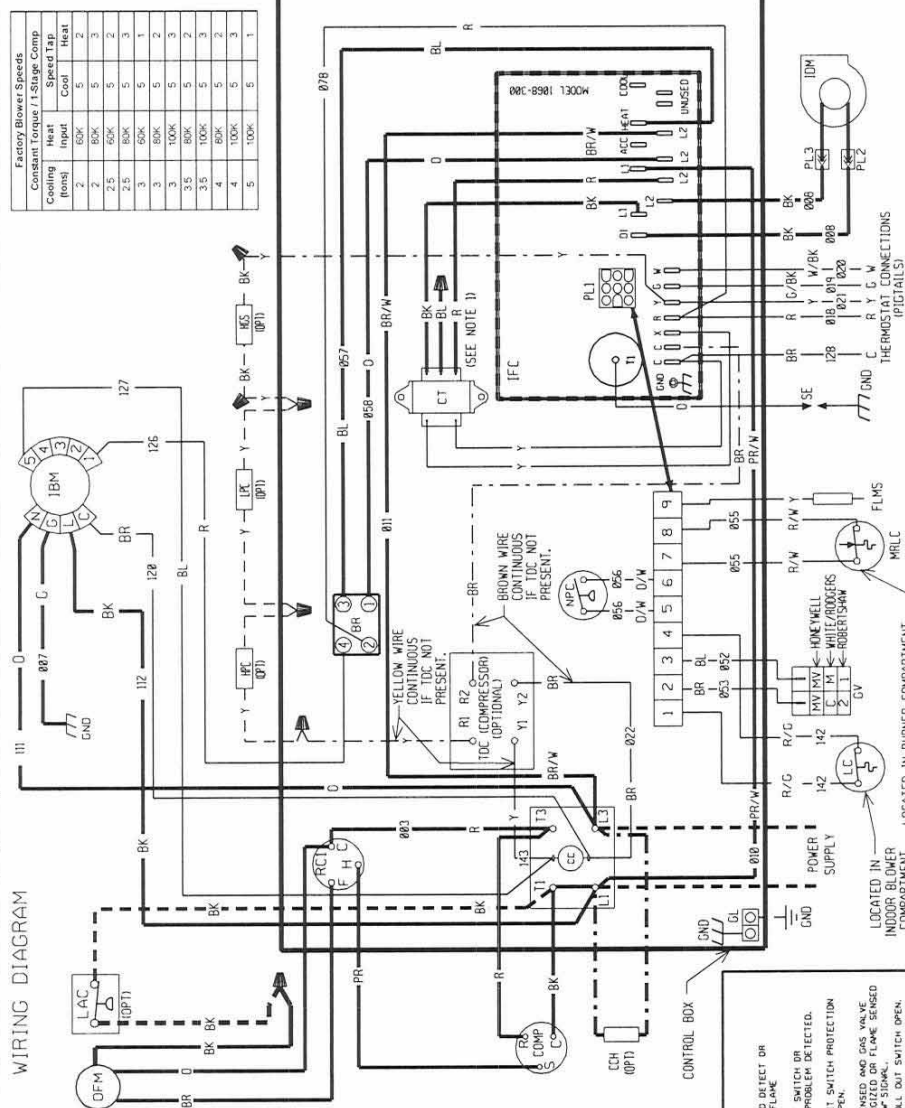
**REPLACEMENT WIRE**  
-MUST BE THE SAME SIZE AND TYPE  
OF INSULATION AS ORIGINAL (105C. MIN.)

**WARNING**  
-CABINET MUST BE PERMANENTLY GROUNDED  
AND CONFORM TO I.E.C., N.E.C., C.E.C.,  
NATIONAL WIRING REGULATIONS, AND LOCAL  
CODES AS APPLICABLE

**MATERIAL:** PRESSURE SENSITIVE,  
ADHESIVE BACKED LAMINATE

**MATERIAL:** PRESSURE SENSITIVE,  
ADHESIVE BACKED LAMINATE

## WIRING DIAGRAM



| DIAGNOSTICS        |
|--------------------|
| 1 FLASH - FA<br>SU |
| 2 FLASH - PR<br>IM |
| 3 FLASH - MI<br>DE |
| 4 FLASH - FL<br>NO |

## WIRING INFORMATION

LINE VOLTAGE  
-FACTORY STANDARD  
-FACTORY OPTION  
-FIELD INSTALLED

LOW VOLTAGE  
-FACTORY STANDARD  
-FIELD INSTALLED

REPLACE THE WIRE  
-MUST BE THE SAME  
OF INSULATION AS ORIGINAL

WARNING  
-CABINET MUST BE PERMITTED  
AND CONFORM TO LISTED  
NATIONAL WIRING REGULATORY  
CODES AS APPLICABLE

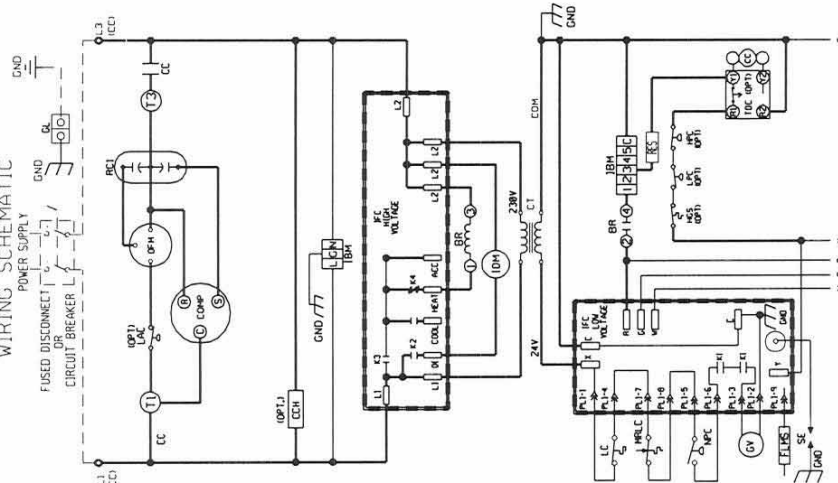
## NOTES

1. MAIN UNIT TRANSFORMER PRIMARY LEADS:  
60 WATTOMKON BLUE-208 V. BLACK-230 V  
INTERCHANGE BLACK & BLUE LEADS FOR  
208 V TRANSFORMER OPERATION.
2. MOTORS & COMPRESSOR THERMALLY PROTECTED.
3. CONNECTORS SUITABLE FOR USE WITH COPPER  
CONDUCTORS ONLY.
4. CONNECT LINE WIRING IN GROUNDED RAINLIGHT  
CONDUIT TO 60 HZ. FUSED DISCONNECT.
5. LOW VOLTAGE CIRCUITS IS N.E.C. CLASS 2, WITH  
HEAT SUPPRESSED.
6. REPLACEMENT FUSES MUST BE SAME TYPE &  
SIZE AS ORIGINAL.

## COMPONENT CODES

|                             |      |                          |
|-----------------------------|------|--------------------------|
| BLWR RELAY                  | LC   | LIMIT CONTROL            |
| COMPRESSOR CONTACTOR        | LPC  | LOW PRESSURE CONTROL     |
| CRANKCASE HEATER            | MRLC | MAN. RESET LIMIT CONTROL |
| COMPRESSOR                  | NPC  | NEG. PRESSURE CONTROL    |
| CONTROL TRANSFORMER         | OFM  | OUTDOOR FAN MOTOR        |
| CT                          | OPT  | OPTIONAL                 |
| FLMS                        | PL   | PLUG                     |
| GL                          | RC   | RUN CAPACITOR            |
| GROUND LUG                  |      |                          |
| GND                         |      |                          |
| GV                          |      |                          |
| HP                          | SE   | SPARK ELECTRODE          |
| INDOR BLOWER MOTOR          | TDC  | TIME DELAY CONTROL       |
| INDUCED DRAHT MOTOR         |      | WIRE NUT                 |
| INTEGRATED FURNACE CONTROL  |      |                          |
| HGS                         |      |                          |
| HOT GAS SENSOR              |      |                          |
| LOW AMBIENT COOLING CONTROL |      |                          |

## WIRING SCHEMATIC



|         |       |         |        |         |   |
|---------|-------|---------|--------|---------|---|
| BK..... | BLACK | G.....  | GREEN  | PR..... | P |
| BR..... | BROWN | GY..... | GRAY   | R.....  | R |
| BL..... | BLUE  | O.....  | ORANGE | W.....  | W |
|         |       |         |        | Y.....  | Y |

## ELECTRICAL WIRING DIAGRAM

0 - 5.0 TON SINGLE STAGE GAS/ELECTRIC  
W/ INTEGRATED FURNACE CONTROL  
W/ CONSTANT TORQUE BLOWER MOTOR  
208/230V, 1-PHASE

|                              |                             |                      |
|------------------------------|-----------------------------|----------------------|
| APPROVED: <i>[Signature]</i> | CHECKED: <i>[Signature]</i> | ORIGINAL RELEASE NO. |
| MODELED BY: ZJW              | DATE: 05-07-14              | R-1059S015           |
| PART NO.: 90-23626-24        |                             | REV: 00              |

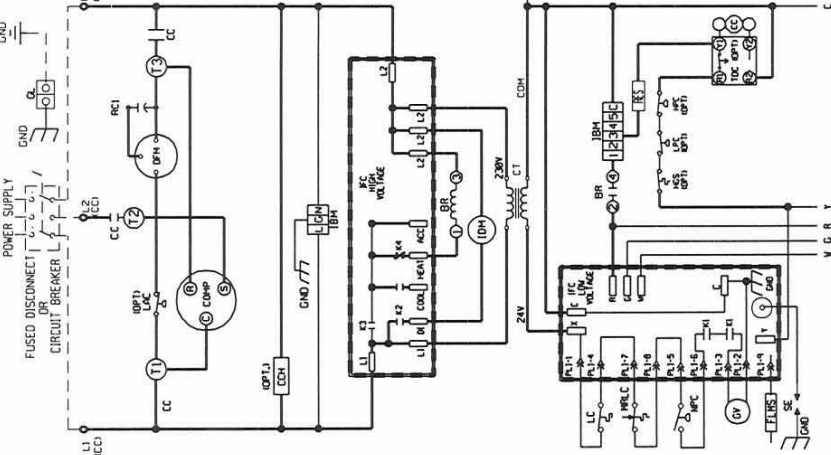


Air

Wiring Diagrams  
RGEA14 Series

NO REVISION TO DESIGN, MATERIAL, TOOLING, OR PROCESS IS ACCEPTABLE WITHOUT PRIOR APPROVAL FROM RHEM THROUGH AN AUTHORIZED CHANGE NOTICE. A REVISED ENGINEERING SPECIFICATION AND A RESAMPLING OF PARTS. THE SUPPLIER IS RESPONSIBLE FOR NOTIFYING RHEM R & D AND PURCHASING DEPARTMENTS IN WRITING OF ANY CHANGES AFFECTING THIS DRAWING. ANY DOCUMENTS REFERRED TO ON THIS DRAWING ARE WORKMANSHIP. ANY DOCUMENTS REFERRED TO ON THIS DRAWING ARE INCLUDED IN THE SPECIFICATIONS FOR THIS COMPONENT.

## WIRING SCHEMATIC



## WIRE COLOR CODE

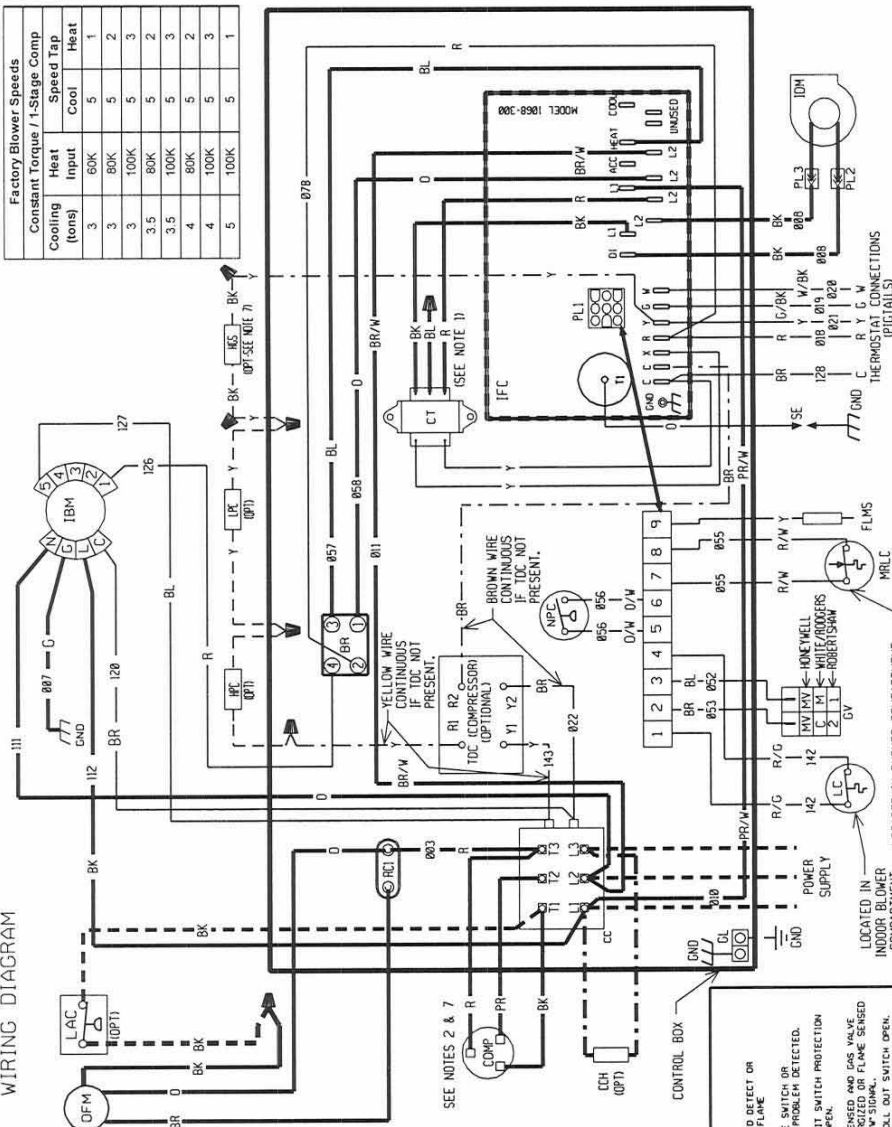
BK.....BLACK G.....GREEN PR.....PURPLE  
BR.....BROWN GR.....GRAY R.....RED  
BL.....BLUE O.....ORANGE W.....WHITE  
Y.....YELLOW

## ELECTRICAL WIRING DIAGRAM

3.0 - 5.0 TON SINGLE STAGE GAS/ELECTRIC  
W/ INTEGRATED FURNACE CONTROL  
W/ CONSTANT TORQUE BLOWER MOTOR  
208/230V, 3-PHASE

|                    |                    |            |                  |
|--------------------|--------------------|------------|------------------|
| APPROVED           | CHECKED            | DATE       | ORIGINAL RELEASE |
| <i>[Signature]</i> | <i>[Signature]</i> | 05-07-14   | NO               |
| MODELED            | DATE               | BY         | REV              |
| ZJW                | 90-23626-25        | R-1059S015 | 00               |
| PART NO.:          |                    |            |                  |

| Factory Blower Speeds          |       |      |      |
|--------------------------------|-------|------|------|
| Constant Torque / 1-Stage Comp | Speed | Heat | Cool |
| 3                              | 60K   | 5    | 1    |
| 3                              | 80K   | 5    | 2    |
| 3                              | 100K  | 5    | 3    |
| 3.5                            | 80K   | 5    | 2    |
| 3.5                            | 100K  | 5    | 3    |
| 4                              | 80K   | 5    | 2    |
| 4                              | 100K  | 5    | 3    |
| 5                              | 100K  | 5    | 1    |



## COMPONENT CODES

|      |                             |          |                          |
|------|-----------------------------|----------|--------------------------|
| BR   | BLOWER RELAY                | LC       | LIMIT CONTROL            |
| CC   | COMPRESSOR CONTACTOR        | LPC      | LOW PRESSURE CONTROL     |
| CCH  | CRANKCASE HEATER            | MRLC     | MAN. RESET LIMIT CONTROL |
| CDMP | COMPRESSOR                  | NPC      | NEG. PRESSURE CONTROL    |
| CT   | CONTROL TRANSFORMER         | OFM      | OUTDOOR FAN MOTOR        |
| FLMS | FLAME SENSOR                | OPT      | OPTIONAL                 |
| GL   | GROUND LUG                  | PL       | PLUG                     |
| GND  | GROUND                      | RC       | RUN CAPACITOR            |
| GV   | GAS VALVE                   | RES      | RESISTOR                 |
| HPC  | HIGH PRESSURE CONTROL       | SE       | SPARK ELECTRODE          |
| IDM  | INDOOR BLOWER MOTOR         | TDC      | TIME DELAY CONTROL       |
| IFC  | INTEGRATED FURNACE CONTROL  | WIRE NUT |                          |
| HGS  | HOT GAS SENSOR              |          |                          |
| LAC  | LOW AMBIENT COOLING CONTROL |          |                          |

## NOTES

1. MAIN UNIT TRANSFORMER PRIMARY LEADS:  
60 HZ RED-COMMON BLUE-208 V BLACK-230 V  
INTERCHANGE BLACK & BLUE LEADS FOR  
208 V TRANSFORMER OPERATION.
2. MOTORS & COMPRESSOR THERMALLY PROTECTED.  
CONNECTORS SUITABLE FOR USE WITH COPPER  
CONDUCT TO 60 HZ FUSED DISCONNECT.
3. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH  
A CLASS 2 TRANSFORMER 24 VOLT, 50/60  
HERTZ SUPPLIED.
4. SET POINTS FOR FUSES MUST BE SAME TYPE &  
CABINET MUST BE PERMANENTLY GROUNDED  
AND CONFORM TO I.E.C. N.E.C. O.E.C.  
NATIONAL WIRING REGULATIONS, AND LOCAL  
CODES AS APPLICABLE.

## WIRING INFORMATION

- FACTORY STANDARD
- FACTORY OPTION
- FIELD INSTALLED
- LOW VOLTAGE
- FACTORY STANDARD
- FIELD INSTALLED
- REPLACEMENT WIRE
- MUST BE THE SAME SIZE AND TYPE
- MUST BE INSULATED AS ORIGINAL (105C. MIN.)
- CABINET MUST BE PERMANENTLY GROUNDED
- AND CONFORM TO I.E.C. N.E.C. O.E.C.
- NATIONAL WIRING REGULATIONS, AND LOCAL
- CODES AS APPLICABLE

PRINTING INSTRUCTIONS: MAKE EXACTLY  
8.0 IN X 10.0 IN. WHITE BACKGROUND  
WITH BLACK PRINTING

MATERIAL: PRESSURE SENSITIVE,  
ADHESIVE BACKED LABEL

## WIRING DIAGRAM



**MATERIAL:** PRESSURE SENSITIVE,  
ADHESIVE BACKED LABEL

BLACK WIRE —  
CONTINUOUS  
IF LAC IS NOT  
PRESENT.

ROUTE —  
COMPRESSOR  
WIRES THROUGH  
CONDUIT ALSO

[illegible]

**LINE VOLTAGE**

-FACTORY STANDARD —————  
-FACTORY OPTION - - - - -  
-FIELD INSTALLED - - - - -

**LOW VOLTAGE**

-FACTORY STANDARD —————  
-FIELD INSTALLED - - - - -

**REPLACEMENT WIRE**  
**MUST BE THE SAME SIZE AND TYPE**  
**OF INSULATION AS ORIGINAL (105C, MIN.)**

**WARNING**  
**WIRING MUST BE PERMANENTLY GROUNDED**  
**AND CONFORM TO IEC, N.E.C., C.E.C.**  
**NATIONAL WIRING REGULATIONS AND LOCAL**  
**CODES AS APPLICABLE.**

1. MAIN UNIT TRANSFORMER PRIMARY LEADS:  
60 HZ  
RED-COMMON, BLUE-208 V, BLACK-230 V  
RED-COMMON, BLACK, BLUE-480 V
2. MAIN UNIT TRANSFORMER SECONDARY LEADS FOR 240 V TRANSFORMER OPERATION:  
BLACK-240 V, RED-240 V, BLUE-240 V
3. MOTORS & COMPRESSOR THERMALLY PROTECTED CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
4. CONNECT FIELD WIRING IN DISCONNECT RAIN FIELD TO 50 HZ FUSED DISCONNECT.
5. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2, CLASS 2, TRANSFORMER 24 VOLT, 50/60 HZ, 10 VA. REPAIRS MUST BE SAME TYPE AND SIZE AS ORIGINAL.

|     |                             |
|-----|-----------------------------|
| BB  | BLOWER RELAY                |
| CC  | COMPRESSOR CONTACTOR        |
| CC  | CRANKCASE HEATER            |
| CC  | COMPRESSOR                  |
| CT  | CONTROL TRANSFORMER         |
| FL  | FLAME SENSOR                |
| QL  | GROUND LUG                  |
| GV  | GAS VALVE                   |
| HP  | HIGH PRESSURE CONTROL       |
| IBM | INDOOR BLOWER MOTOR         |
| IC  | INDUCED DRAFT MOTOR         |
| IDF | INTEGRATED FURNACE CONTROL  |
| LAC | LOW AMBIENT COOLING CONTROL |

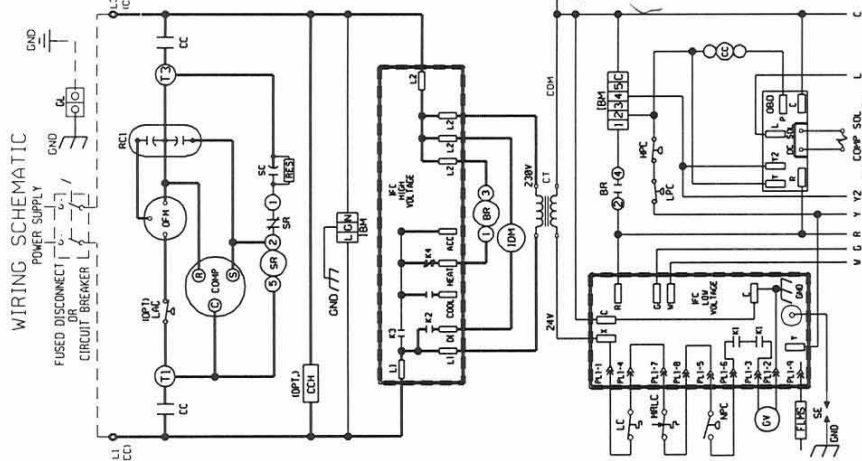
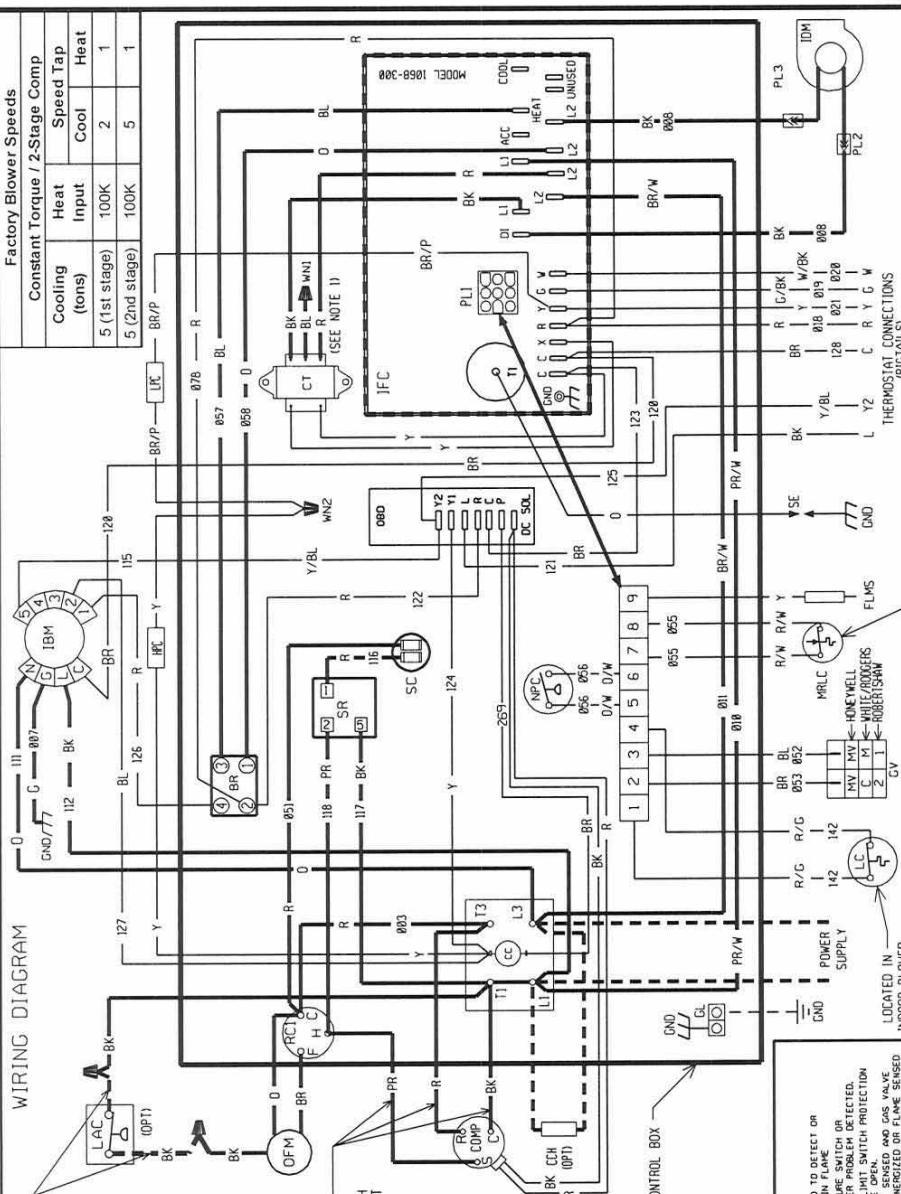
|      |                          |
|------|--------------------------|
| LC   | LIMIT CONTROL            |
| LP   | LOW PRESSURE             |
| LPC  | LOW PRESSURE CONTROL     |
| MRLC | MAN. RESET LIMIT CONTROL |
| NPC  | NES. PRESSURE CONTROL    |
| OBD  | ON BOARD DIAGNOSTICS     |
| OFM  | OUTDOOR FAN MOTOR        |
| OPT  | OPTIONAL                 |
| PL   | PLUG                     |
| RC   | RUN CAPACITOR            |
| SC   | START CAPACITOR          |
| SE   | SPARK ELECTRODE          |
| SR   | START RELAY              |
| W    | WIRE NUT                 |

BK.....BLACK G.....GREEN PR.....PURPLE  
BR.....BROWN GY.....GRAY R.....RED  
BL.....BLUE O.....ORANGE W.....WHITE  
Y.....YELLOW

ELECTRICAL WIRING DIAGRAM

5.0 TON GAS/ELECTRIC  
W/ INTEGRATED FURNACE CONTROL  
W/ CONSTANT TORQUE BLOWER MOTOR  
W/ 2-STAGE COMPRESSOR  
208/230V, 1-PHASE

|             |         |                      |
|-------------|---------|----------------------|
| APPROVED    | CHECKED | ORIGINAL RELEASE NO. |
| MODELED BY: | DATE:   | R-1062S001           |
| PART NO.:   |         | REV: 00              |

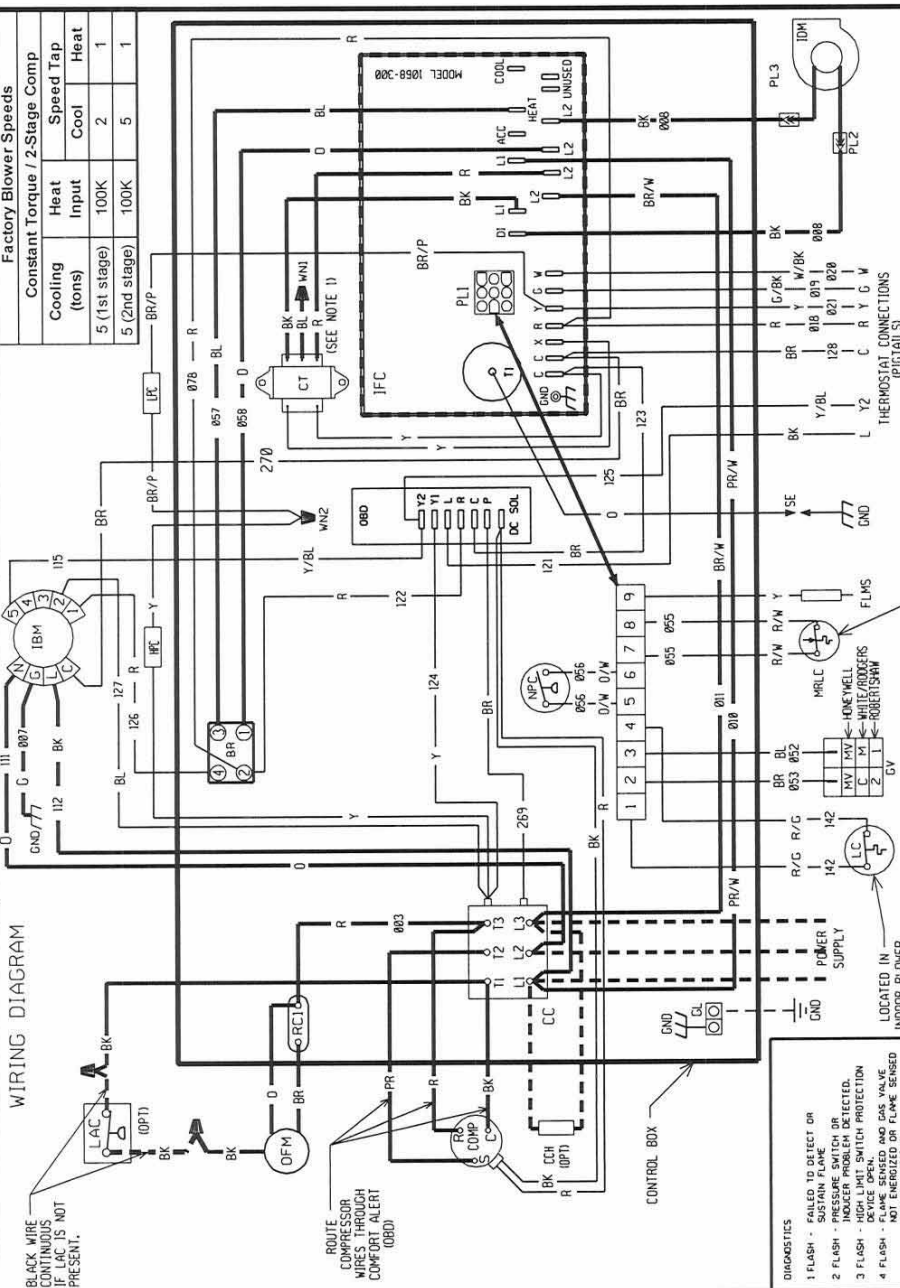


**PRINTING INSTRUCTIONS:** MAKE EXACTLY 8.0 IN X 10.0 IN. WHITE BACKGROUND WITH BLACK PRINTING

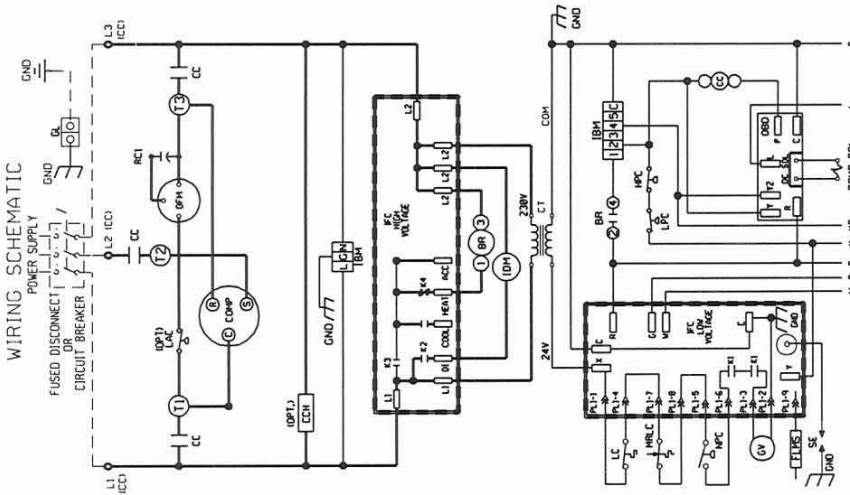
**MATERIAL:** PRESSURE SENSITIVE, ADHESIVE BACKED LABEL

# WIRING DIAGRAM

BLACK WIRE  
IF LAC IS NOT  
PRESENT.



## WIRING SCHEMATIC



## WIRE COLOR CODE

BK.....BLACK G.....GREEN PR.....PURPLE  
BR.....BROWN GR.....GRAY R.....RED  
BL.....BLUE O.....ORANGE W.....WHITE  
Y.....YELLOW

## ELECTRICAL WIRING DIAGRAM

5.0 TON GAS/ELECTRIC  
W/ INTEGRATED FURNACE CONTROL  
W/ CONSTANT TORQUE BLOWER MOTOR  
W/ 2-STAGE COMPRESSOR  
208/230V, 3-PHASE

|           |             |            |     |                  |
|-----------|-------------|------------|-----|------------------|
| APPROVED  | CHECKED     | DATE       | NO. | ORIGINAL RELEASE |
| BY: ZJW   | 05-07-14    | R-1062S001 |     |                  |
| PART NO.: | 90-23626-27 | REV:       | 00  |                  |

## COMPONENT CODES

BR BLOWER RELAY  
CC COMPRESSOR CONTACTOR  
CCH CRANKCASE HEATER  
COMP COMPRESSOR  
CT CONTROL TRANSFORMER  
FLMS FLAME SENSOR  
GND GROUND  
GV GAS VALVE  
HPC HIGH PRESSURE CONTROL  
IBM INDOOR BLOWER MOTOR  
IDM INDUCED DRAFT MOTOR  
IFC INTEGRATED FURNACE CONTROL  
LAC LOW AMBIENT COOLING CONTROL

LC LIMIT CONTROL  
LPC LOW PRESSURE CONTROL  
MLC MAN. RESET LIMIT CONTROL  
NPC NEG. PRESSURE CONTROL  
OBD ON BOARD DIAGNOSTICS  
OFM OUTDOOR FAN MOTOR  
OPT OPTIONAL  
PL PLUG  
RC RUN CAPACITOR  
SC START CAPACITOR  
SE SPARK ELECTRODE  
SR START RELAY  
WIRE NUT

## NOTES

1. MAIN UNIT TRANSFORMER PRIMARY LEADS: REWIND COMMON BLUE-208 V. BLACK-230 V. INTERCHANGE BLACK & BLUE LEADS FOR 208 V. TRANSFORMER OPERATION.
2. MOTORS & COMPRESSOR THERMALLY PROTECTED. CONDUCTORS SUITABLE FOR USE WITH COPPER.
3. CONNECTORS ONLY WIRING IN GROUNDED RAINLIGHT CONDUIT TO FIELD.
4. CONDUIT TO FIELD W/ FUSED DISCONNECT.
5. A CLASS 2 TRANSFORMER 24 VOLT, 50/60 HERTZ SUPPLIED.
6. REPLACEMENT FUSES MUST BE SAME TYPE & SIZE AS ORIGINAL.

## WIRING INFORMATION

LINE VOLTAGE  
-FACTORY STANDARD  
-FACTORY OPTION  
-FIELD INSTALLED  
LOW VOLTAGE  
-FACTORY STANDARD  
-FIELD INSTALLED  
REPLACEMENT WIRE  
-MUST BE THE SAME SIZE AND TYPE  
OF INSULATION AS ORIGINAL (105C. MIN.)  
WARNING  
-CABINET MUST BE PERMANENTLY GROUNDED  
AND CONFORM TO I.E.C. N.E.C. C.E.C.  
NATIONAL WIRING REGULATIONS, AND LOCAL  
CODES AS APPLICABLE



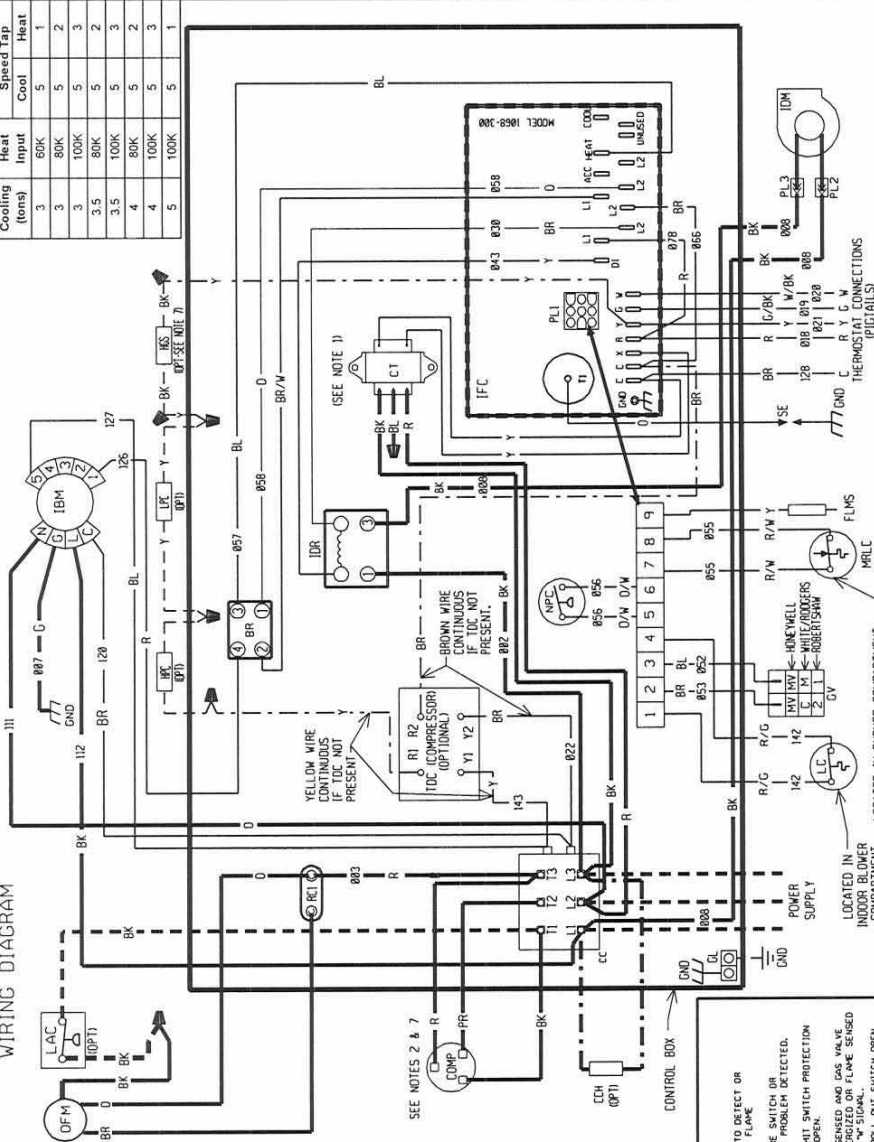
Air

Wiring Diagrams  
RGEA14 Series

PRINTING INSTRUCTIONS: MAKE EXACTLY  
8.0 IN X 10.0 IN. WHITE BACKGROUND  
WITH BLACK PRINTING

MATERIAL: PRESSURE SENSITIVE,  
ADHESIVE BACKED LABEL

## WIRING DIAGRAM



## NOTES

- CONTROL TRANSFORMER PRIMARY LEADS: BLUE - COMMON BK/RO - 460V 60 HZ. / 380V 50 HZ.  
RED - 575V, 60 HZ. / 415V 50 HZ.
- MOTORS & COMPRESSOR THERMALLY PROTECTED.
- CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
- CONNECT FIELD WIRING IN GROUNDED RAINIGHT CONDUIT TO 60 HZ FUSED DISCONNECT.
- LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER 24 VOLT, 50/60 HERTZ SUPPLIED.
- REPLACEMENT FUSES MUST BE SAME TYPE & SIZE AS ORIGINAL.
- COMPRESSOR PROTECTED UNDER NATIONAL WIRING REGULATIONS, AND LOCAL CODES AS APPLICABLE.

## WIRING INFORMATION

LINE VOLTAGE  
-FACTORY STANDARD  
-FACTORY OPTION  
-FIELD INSTALLED  
LOW VOLTAGE  
-FACTORY STANDARD  
-FIELD INSTALLED  
REPLACEMENT WIRE  
MUST BE THE SAME SIZE AND TYPE  
OR INSULATION AS ORIGINAL (100C. MIN.)  
WARNING  
-CABINET MUST BE PERMANENTLY GROUNDED  
-WIRING MUST BE IN ACCORDANCE WITH  
NATIONAL WIRING REGULATIONS, AND LOCAL  
CODES AS APPLICABLE

## COMPONENT CODES

BR BLOWER RELAY  
CC COMPRESSOR CONTACTOR  
CCH CRANKCASE HEATER  
CT CONTROL TRANSFORMER  
FLMS FLAME SENSOR  
GL GROUND LUG  
GV GAS VALVE  
HPC HIGH PRESSURE CONTROL  
IBM INDOOR BLOWER MOTOR  
IDR INDUCED DRAFT RELAY  
IDM INDUCED DRAFT MOTOR  
IFC INTEGRATED FURNACE CONTROL  
HGS HOT GAS SENSOR  
LAC LOW AMBIENT COOLING CONTROL  
LC LIMIT CONTROL  
LPC LOW PRESSURE CONTROL  
MRLC MAN. RESET LIMIT CONTROL  
NPC NEG. PRESSURE CONTROL  
OFM OUTDOOR FAN MOTOR  
OPT OPTIONAL  
PL PLUG  
RC RUN CAPACITOR  
RES RESISTOR  
SEC SPARK ELECTRODE  
SEC TIME DELAY CONTROL  
TDC TIME DELAY CONTROL  
W WIRE NUT

## WIRE COLOR CODE

BK.....BLACK  
BR.....BROWN  
BL.....BLUE  
G.....GREEN  
GY.....GRAY  
O.....ORANGE  
PR.....PURPLE  
R.....RED  
W.....WHITE  
Y.....YELLOW

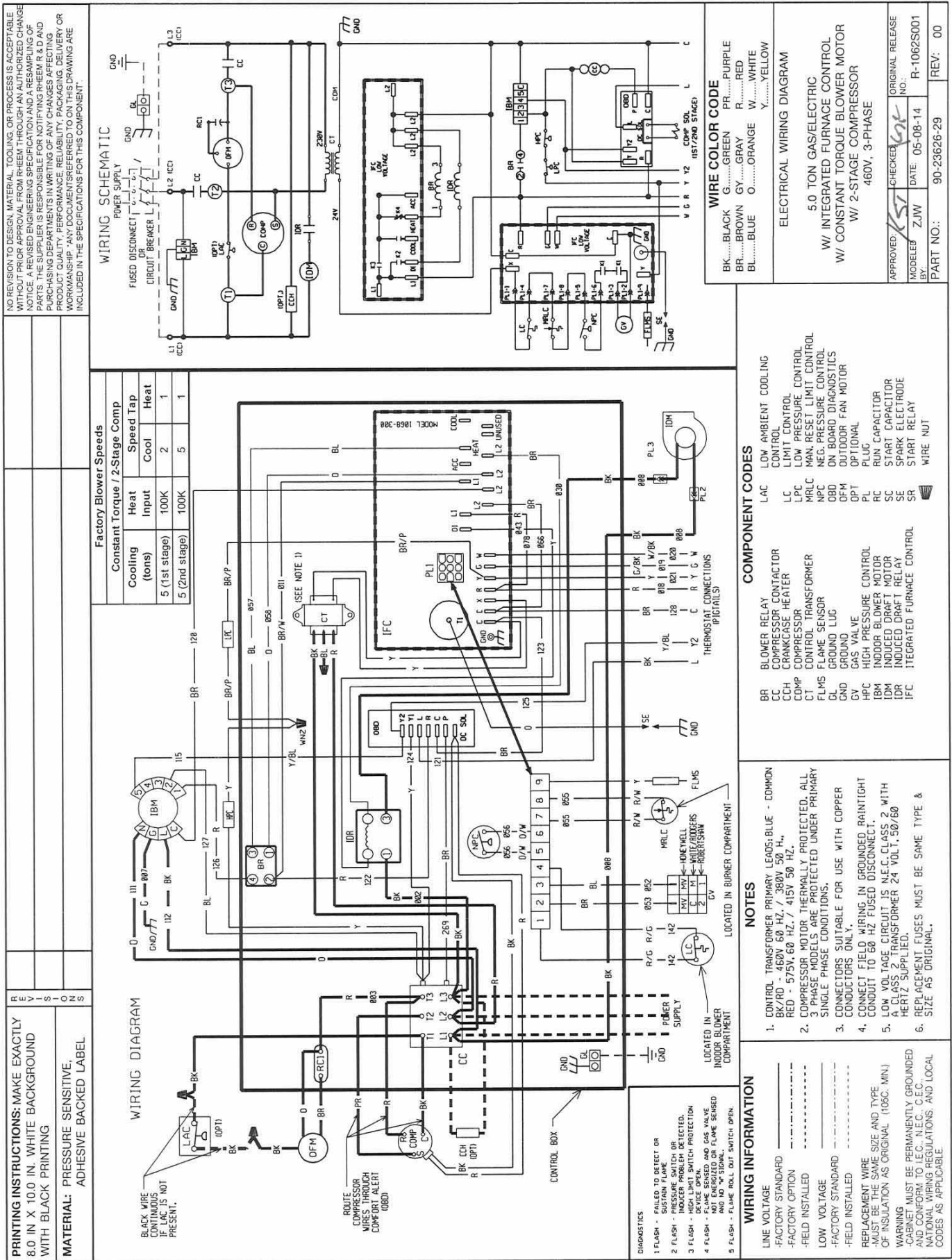
## ELECTRICAL WIRING DIAGRAM

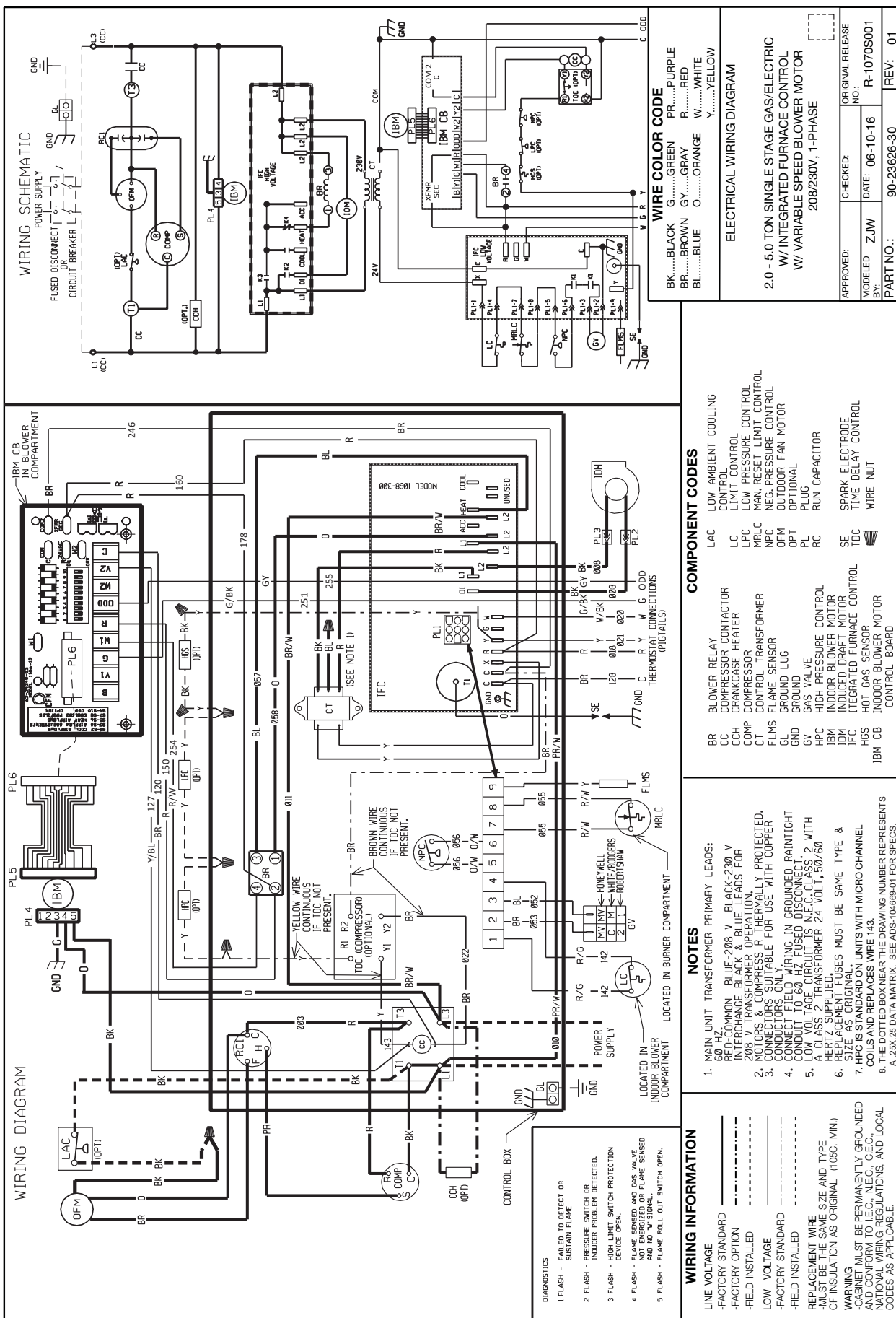
3.0 - 5.0 TON SINGLE STAGE GAS/ELECTRIC  
W/ INTEGRATED FURNACE CONTROL  
W/ CONSTANT TORQUE BLOWER MOTOR  
460V, 3-PHASE

APPROVED:   
MODELED: ZJW  
DATE: 05-08-14  
BY: R-1059S015  
CHECKED:   
DATE: 05-08-14  
BY: R-1059S015  
PART NO.: 90-23626-28  
REV: 00



INTEGRATED AIR &amp; WATER







**BEFORE PURCHASING THIS APPLIANCE, READ IMPORTANT ENERGY COST AND EFFICIENCY INFORMATION AVAILABLE FROM YOUR RETAILER.**

## GENERAL TERMS OF LIMITED WARRANTY\*

Rheem will furnish a replacement for any part of this product which fails in normal use and service within the applicable periods stated, in accordance with the terms of the limited warranty.

### Heat Exchanger

|                                          |                   |
|------------------------------------------|-------------------|
| Factory Standard .....                   | Ten (10) Years    |
| Stainless Steel/1-Phase & 3-Phase Models |                   |
| Commercial Application .....             | Twenty (20) Years |
| Stainless Steel/1-Phase Models           |                   |
| Residential Application .....            | Limited Lifetime  |

\*For complete details of the Limited and Conditional Warranties, including applicable terms and conditions, contact your local contractor or the Manufacturer for a copy of the product warranty certificate.

### Conditional Parts (Registration Required)

|                                         |                |
|-----------------------------------------|----------------|
| 1 Phase, Residential Applications ..... | Ten (10) Years |
|-----------------------------------------|----------------|

### Compressor

|                                            |                |
|--------------------------------------------|----------------|
| 1 Phase, Residential Applications .....    | Ten (10) Years |
| 1 & 3 Phase, Commercial Applications ..... | Five (5) Years |

### Parts

|                               |              |
|-------------------------------|--------------|
| Commercial Applications ..... | One (1) Year |
|-------------------------------|--------------|



Air

Notes

**RGEA14/15 Series**







The new degree of comfort.™

*In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.*

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INTEGRATED HOME COMFORT

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