



Air

Package Air Conditioner
RLNL/RLPL Series

The new degree of comfort.™

Rheem *Commercial Classic®* Series Package Air Conditioner



*Unit shown with
optional louver
panels installed.

RLNL- 13 SEER Series

Featuring Industry Standard R-410A Refrigerant
Nominal Sizes 3-5 Tons [10.6-17.6 kW]

RLPL- 14 SEER Series

Featuring Industry Standard R-410A Refrigerant
Nominal Sizes 3-5 Tons [10.6-17.6 kW]



"Proper sizing and installation of equipment is critical to achieve
optimal performance. Ask your Contractor for details or visit
www.energystar.gov."



INTEGRATED AIR & WATER

FORM NO. S11-955

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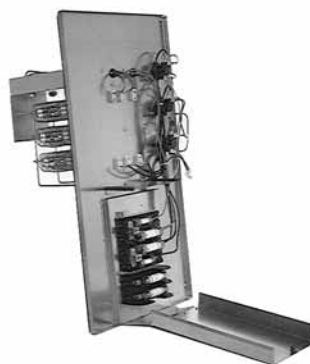
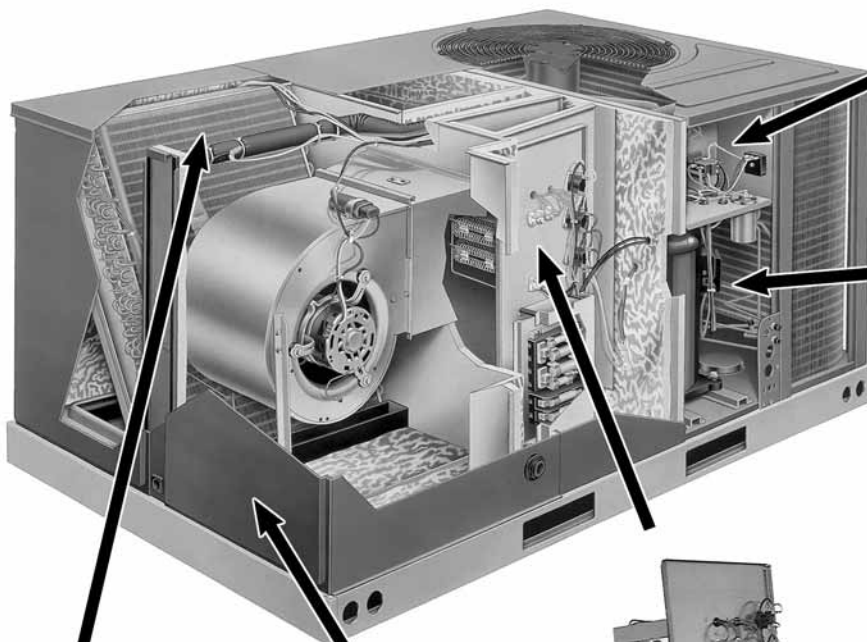


Air

Control Box Access



Compressor Access
(3 to 5 Ton [10.6 to 17.6 kW] Models)



Optional Electric Heater Kit



Evaporator Coil/Filter Access

- Return air filters, normally provided, are removed in this photo.

- Non-corrosive plastic condensate pan

Blower Access

- Belt drive model shown. (Available on 3-phase models only.)



[] Designates Metric Conversions



RLNL - A036, A042, A048, A060
RLPL - A036, A042, A048, A060

STANDARD FEATURES INCLUDE:

- R-410A HFC refrigerant.
- Complete factory charged, wired and run tested.
- Scroll compressors with internal line break overload and high-pressure protection.
- Single stage compressor on all models.
- Convertible airflow.
- TXV refrigerant metering system on each circuit.
- High Pressure and Low Pressure/Loss of charge protection standard on all models.
- Solid Core liquid line filter drier on each circuit.
- Single slab, single pass designed evaporator coil facilitates easy cleaning for maintained high efficiencies.
- Cooling operation up to 125 degree F ambient.
- Easily removable filter, blower, gas heat, and compressor/control access panels permits prompt service.
- Powder Paint Finish meets ASTM B117 steel coated on each side for maximum protection. G90 galvanized.
- One piece top cover and one piece base pan with drawn supply and return opening for superior water management.
- Externally mounted refrigerant gauge ports for easy service diagnostics.
- Factory or field-installed electric heat kits available up to 24 kW.
- Easy to install plug-in; slip in, 100% fully modulating economizer.
- Forkable base rails for easy handling and lifting.
- Single point electrical and gas connections.
- Direct drive or high performance belt drive motor with variable pitch pulleys and quick adjust belt system.
- Permanently lubricated evaporator, condenser and gas heat inducer motors.
- Condenser motors are internally protected, totally enclosed with shaft down design.
- 1 inch filter standard with slide out design.
- Colored and labeled wiring.
- Copper tube/Aluminum Fin coils.
- Molded compressor plug.

RLNL- SELECTION PROCEDURES

1. Determine cooling and heating requirements at design conditions.

Example:

Power supply208/230 - 3 Phase
Total cooling capacity42,500 BTUH [12.44 kW]
Sensible cooling capacity34,000 BTUH [9.96 kW]
Heating capacityNone
Condenser entering air95°F [35°C]
Evaporator entering air63°F [17°C] wb/76°F [24°C] db
Indoor air flow1600 CFM [755 L/s]
External static pressure1.1 in wg
Required efficiency13 SEER

2. Select unit to meet cooling requirements.

Since total cooling is within the range of 4 ton [14.07 kW] unit and requires 13 SEER efficiency level, enter cooling performance from the RLNL-A048 table, at 95°F [35°C] outdoor temperature, 63°F [17°C] wb entering indoor air, and 1600 CFM [755 L/s]:

Total capacity45,100 BTUH [13.21 kW]
Power supply44,100 BTUH [12.91 kW]
Power input3.6 kW

And also, at 76°F [24°C] db indoor entering air, and using the formula at the bottom of the page:

Sensible capacity38,327 BTUH [11.22 kW]

3. Determine blower speed and power to meet the system requirements.

At the given external static pressure of 1.1 in wg, the belt model must be selected. Enter the belt drive blower performance table at 1600 CFM [755 L/s] and 1.1 in wg ESP:

RPM1195
Watts755
DriveM

4. Calculate indoor blower BTUH heat effect.

BTUH = Watts x 3.413 = 2577

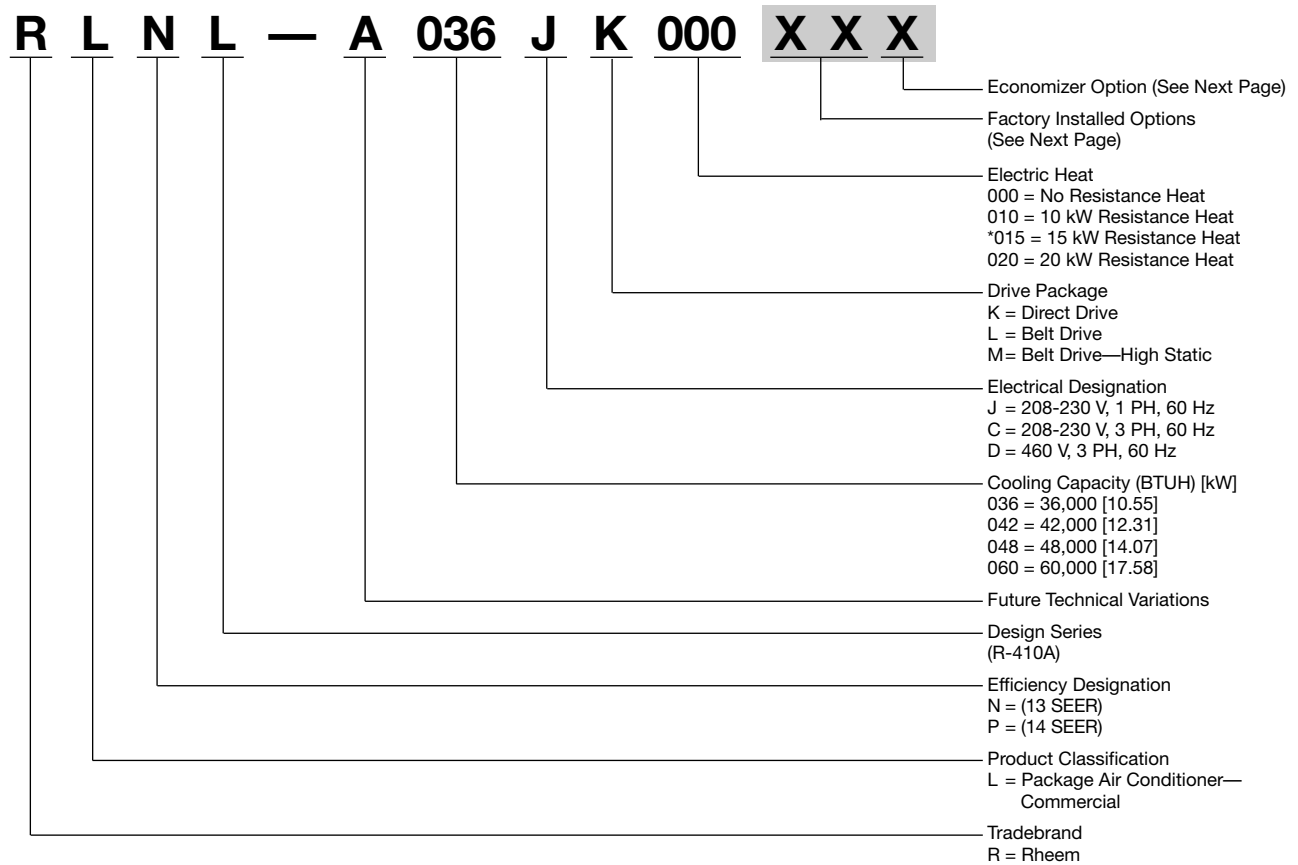
5. Calculate net cooling capacities.

Net total cooling = 45,100 – 2577 = 42,523 BTUH [12.45 kW]
Net sensible cooling = 36,908 – 2577 = 35,750 BTUH [10.06 kW]

6. Select Model

RLNL-A048CM000

[] Designates Metric Conversions



*Electric Heat Approved for Canada

[] Designates Metric Conversions

FACTORY INSTALLED OPTION CODES FOR RLNL/RLPL- (3-5 Ton) [10.6-17.6 kW] (A036, A042, A048, A060)

Option Code	Hail Guard	Non-Powered Convenience Outlet	Low Ambient/ Freeze Stat
AD	X		
AG		X	
AP			X
BY	X		X
BJ	X	X	
CX	X	X	X
JC		X	X

Example: RLNL-A060JK000XXX (where XX is factory installed option)

Example: No Options

RLNL-A060JK000

Example: No Options with Factory Installed Economizer

RLNL-A060JK000AAB

Example: Options with Hailguard with no Factory Installed Economizer

RLNL-A060JK000ADA

Example: Options same as above with Factory Installed Economizer

RLNL-A060JK000ADB

ECONOMIZER SELECTION FOR RLNL/RLPL- (3-5 Ton) [10.6-17.6 kW] (A036, A042, A048, A060)

	No Economizer	Single Enthalpy Economizer With Barometric Relief
A	X	
F		X

"x" indicates factory installed option.

[] Designates Metric Conversions

NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

Model RLNL - Series	A036CK	A036CL	A036CM	A036DK
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	36,800 [10.78]	36,800 [10.78]	36,800 [10.78]	36,800 [10.78]
EER/SEER ²	11.4/13	11.4/13	11.4/13	11.4/13
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]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]
Net Sensible Capacity Btu [kW]	26,200 [7.68]	26,200 [7.68]	26,200 [7.68]	26,200 [7.68]
Net Latent Capacity Btu [kW]	9,200 [2.7]	9,200 [2.7]	9,200 [2.7]	9,200 [2.7]
Net System Power kW	3.1	3.1	3.1	3.1
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	78	78	78	78
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]
Indoor Coil - Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	2 / 17 [7]	2 / 17 [7]	2 / 17 [7]	2 / 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]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
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
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Direct/3	Belt/Variable	Belt/Variable	Direct/3
No. Motors	1	1	1	1
Motor HP	1/2	1/2	3/4	1/2
Motor RPM	1075	1725	1725	1075
Motor Frame Size	48	48	56	48
Filter - Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	96 [2722]	96 [2722]	96 [2722]	96 [2722]
Weights				
Net Weight lbs. [kg]	543 [246]	543 [246]	543 [246]	543 [246]
Ship Weight lbs. [kg]	550 [249]	550 [249]	550 [249]	550 [249]

See Page 24 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

Model RLNL- Series	A036DL	A036DM	A036JK	A036YL
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	36,800 [10.78]	36,800 [10.78]	36,800 [10.78]	42,500 [12.45]
EER/SEER ²	11.4/13	11.4/13	11.4/13	11.4/13
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]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]	35,400 [10.37]
Net Sensible Capacity Btu [kW]	26,200 [7.68]	26,200 [7.68]	26,200 [7.68]	26,200 [7.68]
Net Latent Capacity Btu [kW]	9,200 [2.7]	9,200 [2.7]	9,200 [2.7]	9,200 [2.7]
Net System Power kW	3.1	3.1	3.1	3.1
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	78	78	78	78
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]
Indoor Coil - Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	2 / 17 [7]	2 / 17 [7]	2 / 17 [7]	2 / 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]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
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
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Direct/3	Belt/Variable
No. Motors	1	1	1	1
Motor HP	1/2	3/4	1/2	3/4
Motor RPM	1725	1725	1075	1725
Motor Frame Size	48	56	48	56
Filter - Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	96 [2722]	96 [2722]	96 [2722]	96 [2722]
Weights				
Net Weight lbs. [kg]	543 [246]	543 [246]	543 [246]	543 [246]
Ship Weight lbs. [kg]	550 [249]	550 [249]	550 [249]	550 [249]

See Page 24 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

Model RLNL - Series	A036YM	A042CK	A042CL	A042CM
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	42,500 [12.45]	42,500 [12.45]	42,500 [12.45]	42,500 [12.45]
EER/SEER ²	11.4/13	11.2/13	11.2/13	11.2/13
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1400/1450 [661/684]	1400/1450 [661/684]	1400/1450 [661/684]
AHRI Net Cooling Capacity Btu [kW]	35,400 [10.37]	40,500 [11.87]	40,500 [11.87]	40,500 [11.87]
Net Sensible Capacity Btu [kW]	26,200 [7.68]	30,600 [8.97]	30,600 [8.97]	30,600 [8.97]
Net Latent Capacity Btu [kW]	9,200 [2.7]	9,900 [2.9]	9,900 [2.9]	9,900 [2.9]
Net System Power kW	3.1	3.62	3.62	3.62
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	78	78	78	78
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1 / 22 [9]	1.53 / 22 [9]	1.53 / 22 [9]	1.53 / 22 [9]
Indoor Coil - Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	2 / 17 [7]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]
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]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
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
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Direct/3	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	3/4	1/2	1/2	3/4
Motor RPM	1725	1075	1725	1725
Motor Frame Size	56	48	48	56
Filter - Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	96 [2722]	125 [3544]	125 [3544]	125 [3544]
Weights				
Net Weight lbs. [kg]	543 [246]	570 [259]	570 [259]	570 [259]
Ship Weight lbs. [kg]	550 [249]	577 [262]	577 [262]	577 [262]

See Page 24 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

Model RLNL - Series	A042DK	A042DL	A042DM	A042JK
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	42,500 [12.45]	42,500 [12.45]	42,500 [12.45]	50,000 [14.65]
EER/SEER ²	11.2/13	11.2/13	11.2/13	11.2/13
Nominal CFM/AHRI Rated CFM [L/s]	1400/1450 [661/684]	1400/1450 [661/684]	1400/1450 [661/684]	1400/1450 [661/684]
AHRI Net Cooling Capacity Btu [kW]	40,500 [11.87]	40,500 [11.87]	40,500 [11.87]	40,500 [11.87]
Net Sensible Capacity Btu [kW]	30,600 [8.97]	30,600 [8.97]	30,600 [8.97]	30,600 [8.97]
Net Latent Capacity Btu [kW]	9,900 [2.9]	9,900 [2.9]	9,900 [2.9]	9,900 [2.9]
Net System Power kW	3.62	3.62	3.62	3.62
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	78	78	78	78
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1.53 / 22 [9]	1.53 / 22 [9]	1.53 / 22 [9]	1.53 / 22 [9]
Indoor Coil - Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]
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]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
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
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Direct/3	Belt/Variable	Belt/Variable	Direct/3
No. Motors	1	1	1	1
Motor HP	1/2	1/2	3/4	1/2
Motor RPM	1075	1725	1725	1075
Motor Frame Size	48	48	56	48
Filter - Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	125 [3544]	125 [3544]	125 [3544]	125 [3544]
Weights				
Net Weight lbs. [kg]	570 [259]	570 [259]	570 [259]	570 [259]
Ship Weight lbs. [kg]	577 [262]	577 [262]	577 [262]	577 [262]

See Page 24 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

Model RLNL- Series	A048CK	A048CL	A048CM	A048DK
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	50,000 [14.65]	50,000 [14.65]	50,000 [14.65]	50,000 [14.65]
EER/SEER ²	11.45/13	11.45/13	11.45/13	11.45/13
Nominal CFM/AHRI Rated CFM [L/s]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]
AHRI Net Cooling Capacity Btu [kW]	48,000 [14.06]	48,000 [14.06]	48,000 [14.06]	48,000 [14.06]
Net Sensible Capacity Btu [kW]	35,600 [10.43]	35,600 [10.43]	35,600 [10.43]	35,600 [10.43]
Net Latent Capacity Btu [kW]	12,400 [3.63]	12,400 [3.63]	12,400 [3.63]	12,400 [3.63]
Net System Power kW	4.19	4.19	4.19	4.19
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	78	78	78	78
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil - Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
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
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Direct/3	Belt/Variable	Belt/Variable	Direct/3
No. Motors	1	1	1	1
Motor HP	1/2	1/2	3/4	1/2
Motor RPM	1075	1725	1725	1075
Motor Frame Size	48	48	56	48
Filter - Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	165 [4678]	165 [4678]	165 [4678]	165 [4678]
Weights				
Net Weight lbs. [kg]	580 [263]	580 [263]	580 [263]	580 [263]
Ship Weight lbs. [kg]	587 [266]	587 [266]	587 [266]	587 [266]

See Page 24 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

Model RLNL- Series	A048DL	A048DM	A048JK	A048YL
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	50,000 [14.65]	50,000 [14.65]	50,000 [14.65]	61,000 [17.87]
EER/SEER ²	11.45/13	11.45/13	11.45/13	11.45/13
Nominal CFM/AHRI Rated CFM [L/s]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]
AHRI Net Cooling Capacity Btu [kW]	48,000 [14.06]	48,000 [14.06]	48,000 [14.06]	48,000 [14.06]
Net Sensible Capacity Btu [kW]	35,600 [10.43]	35,600 [10.43]	35,600 [10.43]	35,600 [10.43]
Net Latent Capacity Btu [kW]	12,400 [3.63]	12,400 [3.63]	12,400 [3.63]	12,400 [3.63]
Net System Power kW	4.19	4.19	4.19	4.19
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	78	78	78	78
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil - Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
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
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Direct/3	Belt/Variable
No. Motors	1	1	1	1
Motor HP	1/2	3/4	1/2	3/4
Motor RPM	1725	1725	1075	1725
Motor Frame Size	48	56	48	56
Filter - Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	165 [4678]	165 [4678]	165 [4678]	165 [4678]
Weights				
Net Weight lbs. [kg]	580 [263]	580 [263]	580 [263]	580 [263]
Ship Weight lbs. [kg]	587 [266]	587 [266]	587 [266]	587 [266]

See Page 24 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

Model RLNL- Series	A048YM	A060CK	A060CL	A060CM
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	50,000 [14.65]	61,000 [17.87]	61,000 [17.87]	61,000 [17.87]
EER/SEER ²	11.45/13	11.1/13	11.1/13	11.1/13
Nominal CFM/AHRI Rated CFM [L/s]	1600/1600 [755/755]	2000/1900 [944/897]	2000/1900 [944/897]	2000/1900 [944/897]
AHRI Net Cooling Capacity Btu [kW]	48,000 [14.06]	59,000 [17.29]	59,000 [17.29]	59,000 [17.29]
Net Sensible Capacity Btu [kW]	35,600 [10.43]	42,000 [12.31]	42,000 [12.31]	42,000 [12.31]
Net Latent Capacity Btu [kW]	12,400 [3.63]	17,000 [4.98]	17,000 [4.98]	17,000 [4.98]
Net System Power kW	4.19	5.32	5.32	5.32
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	78	83	83	83
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil - Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3930 [1855]	3930 [1855]	3930 [1855]
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
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Direct/3	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	3/4	1	3/4	1
Motor RPM	1725	1075	1725	1725
Motor Frame Size	56	48	56	56
Filter - Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	165 [4678]	160 [4536]	160 [4536]	160 [4536]
Weights				
Net Weight lbs. [kg]	580 [263]	590 [268]	590 [268]	590 [268]
Ship Weight lbs. [kg]	587 [266]	597 [271]	597 [271]	597 [271]

See Page 24 for Notes.

[] Designates Metric Conversions



Air

General Data
RLNL Series**NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]**

Model RLNL- Series	A060DK	A060DL	A060DM	A060JK
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	61,000 [17.87]	61,000 [17.87]	61,000 [17.87]	61,000 [17.87]
EER/SEER ²	11.1/13	11.1/13	11.1/13	11.1/13
Nominal CFM/AHRI Rated CFM [L/s]	2000/1900 [944/897]	2000/1900 [944/897]	2000/1900 [944/897]	2000/1900 [944/897]
AHRI Net Cooling Capacity Btu [kW]	59,000 [17.29]	59,000 [17.29]	59,000 [17.29]	59,000 [17.29]
Net Sensible Capacity Btu [kW]	42,000 [12.31]	42,000 [12.31]	42,000 [12.31]	42,000 [12.31]
Net Latent Capacity Btu [kW]	17,000 [4.98]	17,000 [4.98]	17,000 [4.98]	17,000 [4.98]
Net System Power kW	5.32	5.32	5.32	5.32
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	83	83	83	83
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil - Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3930 [1855]	3930 [1855]	3930 [1855]	3930 [1855]
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
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Direct/3	Belt/Variable	Belt/Variable	Direct/3
No. Motors	1	1	1	1
Motor HP	1	3/4	1	1
Motor RPM	1075	1725	1725	1075
Motor Frame Size	48	56	56	48
Filter - Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	160 [4536]	160 [4536]	160 [4536]	160 [4536]
Weights				
Net Weight lbs. [kg]	590 [268]	590 [268]	590 [268]	590 [268]
Ship Weight lbs. [kg]	597 [271]	597 [271]	597 [271]	597 [271]

See Page 24 for Notes.

[] Designates Metric Conversions



INTEGRATED AIR & WATER

NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

Model RLNL - Series	A060YL	A060YM
Cooling Performance¹		
Gross Cooling Capacity Btu [kW]	61,000 [17.87]	61,000 [17.87]
EER/SEER ²	11.1/13	11.1/13
Nominal CFM/AHRI Rated CFM [L/s]	2000/1900 [944/897]	2000/1900 [944/897]
AHRI Net Cooling Capacity Btu [kW]	59,000 [17.29]	59,000 [17.29]
Net Sensible Capacity Btu [kW]	42,000 [12.31]	42,000 [12.31]
Net Latent Capacity Btu [kW]	17,000 [4.98]	17,000 [4.98]
Net System Power kW	5.32	5.32
Compressor		
No./Type	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³		
	83	83
Outdoor Coil - Fin Type		
Tube Type	Louvered	Louvered
Tube Size in. [mm] OD	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]
Indoor Coil - Fin Type		
Tube Type	Corrugated	Corrugated
Tube Type	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]
Refrigerant Control	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type		
No. Used/Diameter in. [mm]	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1
CFM [L/s]	3930 [1855]	3930 [1855]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075
Indoor Fan - Type		
No. Used/Diameter in. [mm]	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable
No. Motors	1	1
Motor HP	3/4	1
Motor RPM	1725	1725
Motor Frame Size	56	56
Filter - Type		
Furnished	Disposable	Disposable
Furnished	Yes	Yes
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]		
	160 [4536]	160 [4536]
Weights		
Net Weight lbs. [kg]	590 [268]	590 [268]
Ship Weight lbs. [kg]	597 [271]	597 [271]

See Page 24 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

Model RLPL- Series	A036CK	A036CL	A036CM	A036DK
Cooling Performance¹				CONTINUED 
Gross Cooling Capacity Btu [kW]	36,600 [10.72]	36,600 [10.72]	36,600 [10.72]	36,600 [10.72]
EER/SEER ²	12.05/14	12.05/14	12.05/14	12.05/14
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]	35,800 [10.49]	35,800 [10.49]	35,800 [10.49]	35,800 [10.49]
Net Sensible Capacity Btu [kW]	27,000 [7.91]	27,000 [7.91]	27,000 [7.91]	27,000 [7.91]
Net Latent Capacity Btu [kW]	8,800 [2.58]	8,800 [2.58]	8,800 [2.58]	8,800 [2.58]
Net System Power kW	2.97	2.97	2.97	2.97
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	78	78	78	78
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]
Indoor Coil - Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	2 / 17 [7]	2 / 17 [7]	2 / 17 [7]	2 / 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]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
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
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Direct/4	Belt/Variable	Belt/Variable	Direct/4
No. Motors	1	1	1	1
Motor HP	1/2	1/2	3/4	1/2
Motor RPM	1075	1725	1725	1075
Motor Frame Size	48	48	56	48
Filter - Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	96 [2722]	96 [2722]	96 [2722]	96 [2722]
Weights				
Net Weight lbs. [kg]	543 [246]	543 [246]	543 [246]	543 [246]
Ship Weight lbs. [kg]	550 [249]	550 [249]	550 [249]	550 [249]

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[] Designates Metric Conversions

NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

Model RLPL - Series	A036DL	A036DM	A036JK	A042CK
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	36,600 [10.72]	36,600 [10.72]	36,600 [10.72]	43,000 [12.6]
EER/SEER ²	12.05/14	12.05/14	12.05/14	11.85/14
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1200/1200 [566/566]	1200/1200 [566/566]	1400/1450 [661/684]
AHRI Net Cooling Capacity Btu [kW]	35,800 [10.49]	35,800 [10.49]	35,800 [10.49]	41,500 [12.16]
Net Sensible Capacity Btu [kW]	27,000 [7.91]	27,000 [7.91]	27,000 [7.91]	31,200 [9.14]
Net Latent Capacity Btu [kW]	8,800 [2.58]	8,800 [2.58]	8,800 [2.58]	10,300 [3.02]
Net System Power kW	2.97	2.97	2.97	3.5
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	78	78	78	78
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]	1.53 / 22 [9]
Indoor Coil - Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	2 / 17 [7]	2 / 17 [7]	2 / 17 [7]	3 / 13 [5]
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]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
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
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Direct/4	Direct/4
No. Motors	1	1	1	1
Motor HP	1/2	3/4	1/2	3/4
Motor RPM	1725	1725	1075	1075
Motor Frame Size	48	56	48	48
Filter - Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	96 [2722]	96 [2722]	96 [2722]	125 [3544]
Weights				
Net Weight lbs. [kg]	543 [246]	543 [246]	543 [246]	570 [259]
Ship Weight lbs. [kg]	550 [249]	550 [249]	550 [249]	577 [262]

See Page 24 for Notes.

[] Designates Metric Conversions



NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

Model RLPL- Series	A042CL	A042CM	A042DK	A042DL
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	43,000 [12.6]	43,000 [12.6]	43,000 [12.6]	43,000 [12.6]
EER/SEER ²	11.85/14	11.85/14	11.85/14	11.85/14
Nominal CFM/AHRI Rated CFM [L/s]	1400/1450 [661/684]	1400/1450 [661/684]	1400/1450 [661/684]	1400/1450 [661/684]
AHRI Net Cooling Capacity Btu [kW]	41,500 [12.16]	41,500 [12.16]	41,500 [12.16]	41,500 [12.16]
Net Sensible Capacity Btu [kW]	31,200 [9.14]	31,200 [9.14]	31,200 [9.14]	31,200 [9.14]
Net Latent Capacity Btu [kW]	10,300 [3.02]	10,300 [3.02]	10,300 [3.02]	10,300 [3.02]
Net System Power kW	3.5	3.5	3.5	3.5
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	78	78	78	78
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]	16.91 [1.57]
Rows / FPI [FPcm]	1.53 / 22 [9]	1.53 / 22 [9]	1.53 / 22 [9]	1.53 / 22 [9]
Indoor Coil - Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]
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]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
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
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Belt/Variable	Direct/4	Belt/Variable
No. Motors	1	1	1	1
Motor HP	1/2	3/4	3/4	1/2
Motor RPM	1725	1725	1075	1725
Motor Frame Size	48	56	48	48
Filter - Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	125 [3544]	125 [3544]	125 [3544]	125 [3544]
Weights				
Net Weight lbs. [kg]	570 [259]	570 [259]	570 [259]	570 [259]
Ship Weight lbs. [kg]	577 [262]	577 [262]	577 [262]	577 [262]

See Page 24 for Notes.

[] Designates Metric Conversions



NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

Model RLPL- Series	A042DM	A042JK	A048CK	A048CL
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	43,000 [12.6]	43,000 [12.6]	50,500 [14.8]	50,500 [14.8]
EER/SEER ²	11.85/14	11.85/14	12.15/14	12.15/14
Nominal CFM/AHRI Rated CFM [L/s]	1400/1450 [661/684]	1400/1450 [661/684]	1600/1600 [755/755]	1600/1600 [755/755]
AHRI Net Cooling Capacity Btu [kW]	41,500 [12.16]	41,500 [12.16]	49,000 [14.36]	49,000 [14.36]
Net Sensible Capacity Btu [kW]	31,200 [9.14]	31,200 [9.14]	36,400 [10.67]	36,400 [10.67]
Net Latent Capacity Btu [kW]	10,300 [3.02]	10,300 [3.02]	12,600 [3.69]	12,600 [3.69]
Net System Power kW	3.5	3.5	4.03	4.03
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	78	78	78	78
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.91 [1.57]	16.91 [1.57]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	1.53 / 22 [9]	1.53 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil - Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 13 [5]	3 / 13 [5]	3 / 15 [6]	3 / 15 [6]
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]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
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
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Direct/4	Direct/4	Belt/Variable
No. Motors	1	1	1	1
Motor HP	3/4	3/4	3/4	1/2
Motor RPM	1725	1075	1075	1725
Motor Frame Size	56	48	48	48
Filter - Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	125 [3544]	125 [3544]	165 [4678]	165 [4678]
Weights				
Net Weight lbs. [kg]	570 [259]	570 [259]	580 [263]	580 [263]
Ship Weight lbs. [kg]	577 [262]	577 [262]	587 [266]	587 [266]

See Page 24 for Notes.

[] Designates Metric Conversions



NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

Model RLPL- Series	A048CM	A048DK	A048DL	A048DM
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	50,500 [14.8]	50,500 [14.8]	50,500 [14.8]	50,500 [14.8]
EER/SEER ²	12.15/14	12.15/14	12.15/14	12.15/14
Nominal CFM/AHRI Rated CFM [L/s]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]	1600/1600 [755/755]
AHRI Net Cooling Capacity Btu [kW]	49,000 [14.36]	49,000 [14.36]	49,000 [14.36]	49,000 [14.36]
Net Sensible Capacity Btu [kW]	36,400 [10.67]	36,400 [10.67]	36,400 [10.67]	36,400 [10.67]
Net Latent Capacity Btu [kW]	12,600 [3.69]	12,600 [3.69]	12,600 [3.69]	12,600 [3.69]
Net System Power kW	4.03	4.03	4.03	4.03
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	78	78	78	78
Outdoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil - Fin Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Rows / FPI [FPcm]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3680 [1737]	3680 [1737]	3680 [1737]
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
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Belt/Variable	Direct/4	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	3/4	3/4	1/2	3/4
Motor RPM	1725	1075	1725	1725
Motor Frame Size	56	48	48	56
Filter - Type	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]	165 [4678]	165 [4678]	165 [4678]	165 [4678]
Weights				
Net Weight lbs. [kg]	580 [263]	580 [263]	580 [263]	580 [263]
Ship Weight lbs. [kg]	587 [266]	587 [266]	587 [266]	587 [266]

See Page 24 for Notes.

[] Designates Metric Conversions



NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

Model RLPL- Series	A048JK	A060CK	A060CL	A060CM
Cooling Performance¹				
Gross Cooling Capacity Btu [kW]	50,500 [14.8]	61,500 [18.02]	61,500 [18.02]	61,500 [18.02]
EER/SEER ²	12.15/14	12.25/14	12.25/14	12.25/14
Nominal CFM/AHRI Rated CFM [L/s]	1600/1600 [755/755]	2000/1850 [944/873]	2000/1850 [944/873]	2000/1850 [944/873]
AHRI Net Cooling Capacity Btu [kW]	49,000 [14.36]	60,000 [17.58]	60,000 [17.58]	60,000 [17.58]
Net Sensible Capacity Btu [kW]	36,400 [10.67]	42,500 [12.45]	42,500 [12.45]	42,500 [12.45]
Net Latent Capacity Btu [kW]	12,600 [3.69]	17,500 [5.13]	17,500 [5.13]	17,500 [5.13]
Net System Power kW	4.03	4.9	4.9	4.9
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³				
	78	83	83	83
Outdoor Coil - Fin Type				
Tube Type	Louvered	Louvered	Louvered	Louvered
Tube Size in. [mm] OD	Rifled	Rifled	Rifled	Rifled
Face Area sq. ft. [sq. m]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Rows / FPI [FPcm]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil - Fin Type				
Tube Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Size in. [mm]	Rifled	Rifled	Rifled	Rifled
Face Area sq. ft. [sq. m]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Rows / FPI [FPcm]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
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]
Outdoor Fan - Type				
	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3680 [1737]	3930 [1855]	3930 [1855]	3930 [1855]
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
Indoor Fan - Type				
	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/10x10 [254x254]	1/11x10 [279.4x254]	1/11x10 [279.4x254]
Drive Type/No. Speeds	Direct/4	Direct/3	Belt/Variable	Belt/Variable
No. Motors	1	1	1	1
Motor HP	3/4	1	3/4	1
Motor RPM	1075	1075	1725	1725
Motor Frame Size	48	48	56	56
Filter - Type				
Furnished	Disposable	Disposable	Disposable	Disposable
	Yes	Yes	Yes	Yes
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]				
	165 [4678]	147 [4167]	147 [4167]	147 [4167]
Weights				
Net Weight lbs. [kg]	580 [263]	590 [268]	590 [268]	590 [268]
Ship Weight lbs. [kg]	587 [266]	597 [271]	597 [271]	597 [271]

See Page 24 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

Model RLPL- Series	A060DK	A060DL	A060DM	A060JK
Cooling Performance¹				
Gross Cooling Capacity Btu [kW]	61,500 [18.02]	61,500 [18.02]	61,500 [18.02]	61,500 [18.02]
EER/SEER ²	12.25/14	12.25/14	12.25/14	12.25/14
Nominal CFM/AHRI Rated CFM [L/s]	2000/1850 [944/873]	2000/1850 [944/873]	2000/1850 [944/873]	2000/1850 [944/873]
AHRI Net Cooling Capacity Btu [kW]	60,000 [17.58]	60,000 [17.58]	60,000 [17.58]	60,000 [17.58]
Net Sensible Capacity Btu [kW]	42,500 [12.45]	42,500 [12.45]	42,500 [12.45]	42,500 [12.45]
Net Latent Capacity Btu [kW]	17,500 [5.13]	17,500 [5.13]	17,500 [5.13]	17,500 [5.13]
Net System Power kW	4.9	4.9	4.9	4.9
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³				
	83	83	83	83
Outdoor Coil - Fin Type				
Tube Type	Louvered	Louvered	Louvered	Louvered
Tube Size in. [mm] OD	Rifled	Rifled	Rifled	Rifled
Face Area sq. ft. [sq. m]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Rows / FPI [FPcm]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]	16.56 [1.54]
	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
Indoor Coil - Fin Type				
Tube Type	Corrugated	Corrugated	Corrugated	Corrugated
Tube Size in. [mm]	Rifled	Rifled	Rifled	Rifled
Face Area sq. ft. [sq. m]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Rows / FPI [FPcm]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]	5.17 [0.48]
Refrigerant Control	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]	3 / 15 [6]
TX Valves	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]
Outdoor Fan - Type				
Propeller	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3930 [1855]	3930 [1855]	3930 [1855]	3930 [1855]
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
Indoor Fan - Type				
FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x10 [254x254]	1/11x10 [279.4x254]	1/11x10 [279.4x254]	1/10x10 [254x254]
Drive Type/No. Speeds	Direct/3	Belt/Variable	Belt/Variable	Direct/3
No. Motors	1	1	1	1
Motor HP	1	3/4	1	1
Motor RPM	1075	1725	1725	1075
Motor Frame Size	48	56	56	48
Filter - Type				
Disposable	Disposable	Disposable	Disposable	Disposable
Furnished	Yes	Yes	Yes	Yes
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]	(1)1x16x25 [25x406x635]
Refrigerant Charge Oz. [g]				
	147 [4167]	147 [4167]	147 [4167]	147 [4167]
Weights				
Net Weight lbs. [kg]	590 [268]	590 [268]	590 [268]	590 [268]
Ship Weight lbs. [kg]	597 [271]	597 [271]	597 [271]	597 [271]

See Page 24 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 to $\pm 20\%$ of nominal CFM. 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. Outdoor Sound Rating shown is tested in accordance with AHRI Standard 270.

**GROSS SYSTEMS PERFORMANCE DATA—RLNL-A036**

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]			1500 [708]	1200 [566]	900 [425]	1500 [708]	1200 [566]	900 [425]	1500 [708]	1200 [566]	900 [425]
DR ①			.19	.15	.11	.19	.15	.11	.19	.15	.11
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	46.6 [13.66]	44.6 [13.07]	42.5 [12.46]	43.2 [12.66]	41.4 [12.13]	39.5 [11.58]	40.2 [11.78]	38.4 [11.25]	36.7 [10.76]
		Sens BTUH [kW]	28.3 [8.29]	25.3 [7.41]	22.4 [6.56]	33.4 [9.79]	29.9 [8.76]	26.4 [7.74]	38.6 [11.31]	34.6 [10.14]	30.5 [8.94]
		Power	2.1	2.1	2.0	2.2	2.1	2.1	2.2	2.1	2.1
	80 [26.7]	Total BTUH [kW]	45.4 [13.31]	43.5 [12.75]	41.5 [12.16]	42.1 [12.34]	40.3 [11.81]	38.4 [11.25]	39.0 [11.43]	37.3 [10.93]	35.6 [10.43]
		Sens BTUH [kW]	27.7 [8.12]	24.8 [7.27]	21.9 [6.42]	32.8 [9.61]	29.4 [8.62]	25.9 [7.59]	38.0 [11.14]	34.0 [9.96]	30.1 [8.82]
		Power	2.3	2.2	2.2	2.3	2.3	2.2	2.3	2.3	2.2
	85 [29.4]	Total BTUH [kW]	44.3 [12.98]	42.3 [12.40]	40.4 [11.84]	40.9 [11.99]	39.2 [11.49]	37.4 [10.96]	37.9 [11.11]	36.2 [10.61]	34.6 [10.14]
		Sens BTUH [kW]	27.1 [7.94]	24.2 [7.09]	21.4 [6.27]	32.2 [9.44]	28.8 [8.44]	25.4 [7.44]	37.4 [10.96]	33.5 [9.82]	29.6 [8.67]
		Power	2.4	2.4	2.3	2.4	2.4	2.4	2.5	2.4	2.4
90 [32.2]	Total BTUH [kW]	43.1 [12.63]	41.2 [12.07]	39.3 [11.52]	39.8 [11.66]	38.0 [11.14]	36.3 [10.64]	36.7 [10.76]	35.1 [10.29]	33.5 [9.82]	
	Sens BTUH [kW]	26.4 [7.74]	23.7 [6.95]	20.9 [6.13]	31.5 [9.23]	28.2 [8.26]	25.0 [7.33]	36.7 [10.76]	32.9 [9.64]	29.1 [8.53]	
	Power	2.5	2.5	2.4	2.6	2.5	2.5	2.6	2.5	2.5	
95 [35]	Total BTUH [kW]	41.9 [12.28]	40.1 [11.75]	38.3 [11.22]	38.6 [11.31]	36.9 [10.81]	35.2 [10.32]	35.5 [10.40]	33.9 [9.94]	32.4 [9.50]	
	Sens BTUH [kW]	25.8 [7.56]	23.1 [6.77]	20.4 [5.98]	30.9 [9.06]	27.7 [8.12]	24.5 [7.18]	35.5 [10.40]	32.4 [9.50]	28.6 [8.38]	
	Power	2.7	2.6	2.6	2.7	2.7	2.6	2.7	2.7	2.6	
100 [37.8]	Total BTUH [kW]	40.7 [11.93]	38.9 [11.40]	37.1 [10.87]	37.3 [10.93]	35.7 [10.46]	34.1 [9.99]	34.3 [10.05]	32.8 [9.61]	31.3 [9.17]	
	Sens BTUH [kW]	25.2 [7.39]	22.5 [6.59]	19.9 [5.83]	30.3 [8.88]	27.1 [7.94]	23.9 [7.00]	34.3 [10.05]	31.8 [9.32]	28.1 [8.24]	
	Power	2.8	2.8	2.7	2.9	2.8	2.7	2.9	2.8	2.8	
105 [40.6]	Total BTUH [kW]	39.4 [11.55]	37.7 [11.05]	36.0 [10.55]	36.1 [10.58]	34.5 [10.11]	32.9 [9.64]	33.0 [9.67]	31.6 [9.26]	30.1 [8.82]	
	Sens BTUH [kW]	24.5 [7.18]	21.9 [6.42]	19.4 [5.69]	29.6 [8.67]	26.5 [7.77]	23.4 [6.86]	33.0 [9.67]	31.2 [9.14]	27.5 [8.06]	
	Power	3.0	2.9	2.8	3.0	2.9	2.9	3.0	2.9	2.9	
110 [43.3]	Total BTUH [kW]	38.1 [11.17]	36.5 [10.70]	34.8 [10.20]	34.8 [10.20]	33.3 [9.76]	31.8 [9.32]	31.7 [9.29]	30.3 [8.88]	29.0 [8.50]	
	Sens BTUH [kW]	23.7 [6.95]	21.3 [6.24]	18.8 [5.51]	28.8 [8.44]	25.8 [7.56]	22.8 [6.68]	31.7 [9.29]	30.3 [8.88]	26.9 [7.88]	
	Power	3.1	3.0	3.0	3.1	3.1	3.0	3.1	3.1	3.0	
115 [46.1]	Total BTUH [kW]	36.8 [10.79]	35.2 [10.32]	33.6 [9.85]	33.5 [9.82]	32.0 [9.38]	30.6 [8.97]	30.4 [8.91]	29.1 [8.53]	27.7 [8.12]	
	Sens BTUH [kW]	23.0 [6.74]	20.6 [6.04]	18.2 [5.33]	28.1 [8.24]	25.1 [7.36]	22.2 [6.51]	30.4 [8.91]	29.1 [8.53]	26.3 [7.71]	
	Power	3.2	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1	

GROSS SYSTEMS PERFORMANCE DATA—RLNL-A042

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]			1810 [854.2]	1450 [684.3]	1090 [514.4]	1810 [854.2]	1450 [684.3]	1090 [514.4]	1810 [854.2]	1450 [684.3]	1090 [514.4]
DR ①			.20	.16	.10	.20	.16	.10	.20	.16	.10
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	52.9 [15.50]	50.6 [14.83]	48.3 [14.16]	49.8 [14.59]	47.6 [13.95]	45.5 [13.33]	47.4 [13.89]	45.3 [13.28]	43.3 [12.69]
		Sens BTUH [kW]	32.9 [9.64]	29.4 [8.62]	26.0 [7.62]	39.1 [11.46]	35.0 [10.26]	30.9 [9.06]	45.3 [13.28]	40.6 [11.90]	35.9 [10.52]
		Power	2.5	2.5	2.4	2.5	2.5	2.4	2.5	2.5	2.4
	80 [26.7]	Total BTUH [kW]	51.5 [15.09]	49.3 [14.45]	47.0 [13.77]	48.5 [14.21]	46.3 [13.57]	44.2 [12.95]	46.0 [13.48]	44.0 [12.90]	42.0 [12.31]
		Sens BTUH [kW]	32.1 [9.41]	28.7 [8.41]	25.4 [7.44]	38.3 [11.22]	34.3 [10.05]	30.3 [8.88]	44.8 [13.13]	39.9 [11.69]	35.3 [10.35]
		Power	2.7	2.6	2.6	2.7	2.6	2.6	2.7	2.6	2.6
	85 [29.4]	Total BTUH [kW]	50.1 [14.68]	48.0 [14.07]	45.8 [13.42]	47.1 [13.80]	45.0 [13.19]	43.0 [12.60]	44.7 [13.10]	42.7 [12.51]	40.8 [11.96]
		Sens BTUH [kW]	31.3 [9.17]	28.1 [8.24]	24.8 [7.27]	37.6 [11.02]	33.6 [9.85]	29.7 [8.70]	44.0 [12.90]	39.3 [11.52]	34.7 [10.17]
		Power	2.8	2.8	2.7	2.8	2.8	2.7	2.8	2.8	2.7
90 [32.2]	Total BTUH [kW]	48.7 [14.27]	46.6 [13.66]	44.5 [13.04]	45.7 [13.39]	43.7 [12.81]	41.7 [12.22]	43.2 [12.66]	41.4 [12.13]	39.5 [11.58]	
	Sens BTUH [kW]	30.7 [9.00]	27.4 [8.03]	24.2 [7.09]	36.9 [10.81]	33.0 [9.67]	29.2 [8.56]	43.0 [12.60]	38.7 [11.34]	34.2 [10.02]	
	Power	3.0	2.9	2.9	3.0	2.9	2.9	3.0	2.9	2.9	
95 [35]	Total BTUH [kW]	47.3 [13.86]	45.2 [13.25]	43.2 [12.66]	44.2 [12.95]	42.3 [12.40]	40.4 [11.84]	41.8 [12.25]	40.0 [11.72]	38.2 [11.20]	
	Sens BTUH [kW]	30.0 [8.79]	26.8 [7.85]	23.7 [6.95]	36.2 [10.61]	32.4 [9.50]	28.6 [8.38]	41.8 [12.25]	38.0 [11.14]	33.6 [9.85]	
	Power	3.2	3.1	3.0	3.2	3.1	3.0	3.2	3.1	3.0	
100 [37.8]	Total BTUH [kW]	45.8 [13.42]	43.8 [12.84]	41.8 [12.25]	42.7 [12.51]	40.9 [11.99]	39.0 [11.43]	40.3 [11.81]	38.6 [11.31]	36.8 [10.79]	
	Sens BTUH [kW]	29.2 [8.56]	26.2 [7.68]	23.1 [6.77]	35.4 [10.37]	31.7 [9.29]	28.0 [8.21]	40.3 [11.81]	37.4 [10.96]	33.0 [9.67]	
	Power	3.3	3.3	3.2	3.3	3.2	3.2	3.3	3.2	3.2	
105 [40.6]	Total BTUH [kW]	44.3 [12.98]	42.3 [12.40]	40.4 [11.84]	41.2 [12.07]	39.4 [11.55]	37.6 [11.02]	38.8 [11.37]	37.1 [10.87]	35.4 [10.37]	
	Sens BTUH [kW]	28.5 [8.35]	25.5 [7.47]	22.5 [6.59]	34.7 [10.17]	31.0 [9.09]	27.4 [8.03]	38.8 [11.37]	36.7 [10.76]	32.4 [9.50]	
	Power	3.5	3.4	3.3	3.5	3.4	3.3	3.5	3.4	3.3	
110 [43.3]	Total BTUH [kW]	42.7 [12.51]	40.8 [11.96]	39.0 [11.43]	39.6 [11.61]	37.9 [11.11]	36.2 [10.61]	37.2 [10.90]	35.6 [10.43]	34.0 [9.96]	
	Sens BTUH [kW]	27.6 [8.09]	24.7 [7.24]	21.8 [6.39]	33.8 [9.91]	30.3 [8.88]	26.7 [7.83]	37.2 [10.90]	35.6 [10.43]	31.7 [9.29]	
	Power	3.6	3.6	3.5	3.6	3.6	3.5	3.6	3.6	3.5	
115 [46.1]	Total BTUH [kW]	41.1 [12.05]	39.3 [11.52]	37.5 [10.99]	38.0 [11.14]	36.3 [10.64]	34.7 [10.17]	35.6 [10.43]	34.0 [9.96]	32.5 [9.52]	
	Sens BTUH [kW]	26.6 [7.80]	23.9 [7.00]	21.1 [6.18]	32.9 [9.64]	29.4 [8.62]	26.0 [7.62]	35.6 [10.43]	34.0 [9.96]	31.0 [9.09]	
	Power	3.8	3.7	3.6	3.8	3.7	3.6	3.8	3.7	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—RLNL-A048

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]			2000 [943.8]	1600 [755.1]	1200 [566.3]	2000 [943.8]	1600 [755.1]	1200 [566.3]	2000 [943.8]	1600 [755.1]	1200 [566.3]
DR ①			.18	.14	.09	.18	.14	.09	.18	.14	.09
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	63.8 [18.70]	61.1 [17.91]	58.3 [17.09]	59.4 [17.41]	56.9 [16.68]	54.3 [15.91]	54.4 [15.94]	52.0 [15.24]	49.6 [14.54]
		Sens BTUH [kW]	38.9 [11.40]	34.9 [10.23]	30.8 [9.03]	45.9 [13.45]	41.1 [12.05]	36.3 [10.64]	53.0 [15.53]	47.5 [13.92]	42.0 [12.31]
		Power	2.9	2.8	2.8	2.9	2.9	2.8	2.9	2.8	2.7
	80 [26.7]	Total BTUH [kW]	62.0 [18.17]	59.3 [17.38]	56.6 [16.59]	57.6 [16.88]	55.1 [16.15]	52.6 [15.42]	52.5 [15.39]	50.3 [14.74]	48.0 [14.07]
		Sens BTUH [kW]	38.0 [11.14]	34.0 [9.96]	30.0 [8.79]	44.9 [13.16]	40.2 [11.78]	35.5 [10.40]	52.1 [15.27]	46.6 [13.66]	41.2 [12.07]
		Power	3.1	3.0	3.0	3.1	3.0	3.0	3.1	3.0	2.9
	85 [29.4]	Total BTUH [kW]	60.2 [17.64]	57.6 [16.88]	55.0 [16.12]	55.8 [16.35]	53.4 [15.65]	50.9 [14.92]	50.7 [14.86]	48.5 [14.21]	46.3 [13.57]
		Sens BTUH [kW]	37.0 [10.84]	33.1 [9.70]	29.2 [8.56]	43.9 [12.87]	39.3 [11.52]	34.7 [10.17]	50.7 [14.86]	45.7 [13.39]	40.4 [11.84]
		Power	3.3	3.2	3.1	3.3	3.2	3.2	3.3	3.2	3.1
	90 [32.2]	Total BTUH [kW]	58.4 [17.12]	55.9 [16.38]	53.3 [15.62]	54.0 [15.83]	51.7 [15.15]	49.3 [14.45]	48.9 [14.33]	46.8 [13.72]	44.7 [13.10]
Sens BTUH [kW]		36.0 [10.55]	32.2 [9.44]	28.4 [8.32]	42.9 [12.57]	38.4 [11.25]	34.0 [9.96]	48.9 [14.33]	44.8 [13.13]	39.6 [11.61]	
Power		3.5	3.4	3.3	3.5	3.4	3.4	3.4	3.4	3.3	
95 [35]	Total BTUH [kW]	56.6 [16.59]	54.2 [15.88]	51.7 [15.15]	52.2 [15.30]	50.0 [14.65]	47.7 [13.98]	47.2 [13.83]	45.1 [13.22]	43.1 [12.63]	
	Sens BTUH [kW]	35.0 [10.26]	31.3 [9.17]	27.7 [8.12]	42.0 [12.31]	37.6 [11.02]	33.2 [9.73]	47.2 [13.83]	44.1 [12.92]	38.8 [11.37]	
	Power	3.7	3.6	3.5	3.7	3.6	3.5	3.6	3.6	3.5	
100 [37.8]	Total BTUH [kW]	54.9 [16.09]	52.6 [15.42]	50.2 [14.71]	50.5 [14.80]	48.4 [14.18]	46.2 [13.54]	45.5 [13.33]	43.5 [12.75]	41.5 [12.16]	
	Sens BTUH [kW]	34.1 [9.99]	30.5 [8.94]	26.9 [7.88]	41.0 [12.02]	36.7 [10.76]	32.5 [9.52]	45.5 [13.33]	43.1 [12.63]	38.1 [11.17]	
	Power	3.9	3.8	3.7	3.9	3.8	3.7	3.8	3.8	3.7	
105 [40.6]	Total BTUH [kW]	53.3 [15.62]	51.0 [14.95]	48.7 [14.27]	48.9 [14.33]	46.8 [13.72]	44.7 [13.10]	43.9 [12.87]	42.0 [12.31]	40.1 [11.75]	
	Sens BTUH [kW]	33.2 [9.73]	29.7 [8.70]	26.3 [7.71]	40.2 [11.78]	36.0 [10.55]	31.8 [9.32]	43.9 [12.87]	42.0 [12.31]	37.4 [10.96]	
	Power	4.0	4.0	3.9	4.1	4.0	3.9	4.0	3.9	3.9	
110 [43.3]	Total BTUH [kW]	51.9 [15.21]	49.6 [14.54]	47.4 [13.89]	47.5 [13.92]	45.4 [13.31]	43.3 [12.69]	42.4 [12.43]	40.5 [11.87]	38.7 [11.34]	
	Sens BTUH [kW]	32.4 [9.50]	29.1 [8.53]	25.7 [7.53]	39.4 [11.55]	35.3 [10.35]	31.2 [9.14]	42.4 [12.43]	40.5 [11.87]	36.8 [10.79]	
	Power	4.2	4.2	4.1	4.3	4.2	4.1	4.2	4.1	4.1	
115 [46.1]	Total BTUH [kW]	50.5 [14.80]	48.3 [14.16]	46.1 [13.51]	46.1 [13.51]	44.1 [12.92]	42.1 [12.34]	41.0 [12.02]	39.3 [11.52]	37.5 [10.99]	
	Sens BTUH [kW]	31.8 [9.32]	28.5 [8.35]	25.1 [7.36]	38.8 [11.37]	34.7 [10.17]	30.7 [9.00]	41.0 [12.02]	39.3 [11.52]	36.3 [10.64]	
	Power	4.4	4.3	4.3	4.5	4.4	4.3	4.4	4.3	4.2	

GROSS SYSTEMS PERFORMANCE DATA—RLNL-A060

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]			2380 [1123.2]	1900 [896.7]	1420 [670.1]	2380 [1123.2]	1900 [896.7]	1420 [670.1]	2380 [1123.2]	1900 [896.7]	1420 [670.1]
DR ①			.22	.18	.15	.22	.18	.15	.22	.18	.15
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	78.2 [22.92]	74.8 [21.92]	71.4 [20.93]	72.4 [21.22]	69.2 [20.28]	66.1 [19.37]	70.5 [20.66]	67.4 [19.75]	64.3 [18.84]
		Sens BTUH [kW]	46.4 [13.60]	41.5 [12.16]	36.7 [10.76]	53.7 [15.74]	48.1 [14.10]	42.5 [12.46]	61.8 [18.11]	55.3 [16.21]	48.9 [14.33]
		Power	3.9	3.8	3.7	3.9	3.8	3.7	3.8	3.7	3.6
	80 [26.7]	Total BTUH [kW]	76.2 [22.33]	72.9 [21.36]	69.6 [20.40]	70.4 [20.63]	67.3 [19.72]	64.2 [18.82]	68.4 [20.05]	65.4 [19.17]	62.5 [18.32]
		Sens BTUH [kW]	45.5 [13.33]	40.7 [11.93]	36.0 [10.55]	52.8 [15.47]	47.2 [13.83]	41.7 [12.22]	60.9 [17.85]	54.5 [15.97]	48.1 [14.10]
		Power	4.1	4.0	3.9	4.1	4.0	3.9	4.0	3.9	3.8
	85 [29.4]	Total BTUH [kW]	74.1 [21.72]	70.8 [20.75]	67.6 [19.81]	68.2 [19.99]	65.3 [19.14]	62.3 [18.26]	66.3 [19.43]	63.4 [18.58]	60.5 [17.73]
		Sens BTUH [kW]	44.4 [13.01]	39.7 [11.63]	35.1 [10.29]	51.6 [15.12]	46.2 [13.54]	40.8 [11.96]	59.7 [17.50]	53.5 [15.68]	47.3 [13.86]
		Power	4.3	4.3	4.2	4.4	4.3	4.2	4.2	4.2	4.1
	90 [32.2]	Total BTUH [kW]	71.9 [21.07]	68.7 [20.13]	65.6 [19.23]	66.0 [19.34]	63.1 [18.49]	60.3 [17.67]	64.1 [18.79]	61.3 [17.97]	58.5 [17.14]
Sens BTUH [kW]		43.1 [12.63]	38.6 [11.31]	34.1 [9.99]	50.4 [14.77]	45.1 [13.22]	39.9 [11.69]	58.5 [17.14]	52.4 [15.36]	46.3 [13.57]	
Power		4.6	4.5	4.4	4.6	4.5	4.4	4.5	4.4	4.3	
95 [35]	Total BTUH [kW]	69.6 [20.40]	66.6 [19.52]	63.6 [18.64]	63.8 [18.70]	61.0 [17.88]	58.2 [17.06]	61.8 [18.11]	59.1 [17.32]	56.4 [16.53]	
	Sens BTUH [kW]	41.8 [12.25]	37.5 [10.99]	33.1 [9.70]	49.1 [14.39]	44.0 [12.90]	38.9 [11.40]	57.2 [16.76]	51.2 [15.01]	45.3 [13.28]	
	Power	4.8	4.7	4.6	4.8	4.7	4.6	4.7	4.6	4.5	
100 [37.8]	Total BTUH [kW]	67.4 [19.75]	64.4 [18.87]	61.5 [18.02]	61.5 [18.02]	58.9 [17.26]	56.2 [16.47]	59.6 [17.47]	57.0 [16.71]	54.4 [15.94]	
	Sens BTUH [kW]	40.6 [11.90]	36.3 [10.64]	32.1 [9.41]	47.8 [14.01]	42.8 [12.54]	37.8 [11.08]	55.9 [16.38]	50.1 [14.68]	44.3 [12.98]	
	Power	5.1	5.0	4.9	5.1	5.0	4.9	5.0	4.9	4.8	
105 [40.6]	Total BTUH [kW]	65.2 [19.11]	62.4 [18.29]	59.5 [17.44]	59.3 [17.38]	56.8 [16.65]	54.2 [15.88]	57.4 [16.82]	54.9 [16.09]	52.4 [15.36]	
	Sens BTUH [kW]	39.3 [11.52]	35.2 [10.32]	31.1 [9.11]	46.6 [13.66]	41.8 [12.25]	36.9 [10.81]	54.7 [16.03]	49.0 [14.36]	43.3 [12.69]	
	Power	5.3	5.2	5.1	5.3	5.2	5.1	5.2	5.1	5.0	
110 [43.3]	Total BTUH [kW]	63.1 [18.49]	60.4 [17.70]	57.6 [16.88]	57.3 [16.79]	54.8 [16.06]	52.3 [15.33]	55.3 [16.21]	52.9 [15.50]	50.5 [14.80]	
	Sens BTUH [kW]	38.3 [11.22]	34.3 [10.05]	30.3 [8.88]	45.5 [13.33]	40.8 [11.96]	36.0 [10.55]	53.6 [15.71]	48.0 [14.07]	42.4 [12.43]	
	Power	5.6	5.4	5.3	5.6	5.5	5.3	5.5	5.3	5.2	
115 [46.1]	Total BTUH [kW]	61.1 [17.91]	58.5 [17.14]	55.8 [16.35]	55.3 [16.21]	52.9 [15.50]	50.5 [14.80]	53.3 [15.62]	51.0 [14.95]	48.7 [14.27]	
	Sens BTUH [kW]	37.4 [10.96]	33.5 [9.82]	29.6 [8.67]	44.6 [13.07]	40.0 [11.72]	35.3 [10.35]	52.7 [15.44]	47.2 [13.83]	41.7 [12.22]	
	Power	5.8	5.7	5.6	5.8	5.7	5.6	5.7	5.6	5.5	

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—RLPL-A036**

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]		1500 [708]	1200 [566]	900 [425]	1500 [708]	1200 [566]	900 [425]	1500 [708]	1200 [566]	900 [425]
DR ①		.18	.14	.08	.18	.14	.08	.18	.14	.08
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	46.9 [13.75] 28.0 [8.21] 2.1	44.8 [13.13] 25.0 [7.33] 2.0	42.8 [12.54] 22.1 [6.48] 2.0	43.3 [12.69] 33.3 [9.76] 2.2	41.4 [12.13] 29.9 [8.76] 2.1	39.5 [11.58] 26.4 [7.74] 2.1	40.5 [11.87] 38.2 [11.20] 2.1	38.7 [11.34] 34.3 [10.05] 2.1
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	45.8 [13.42] 27.7 [8.12] 2.2	43.8 [12.84] 24.8 [7.27] 2.2	41.8 [12.25] 21.9 [6.42] 2.1	42.2 [12.37] 33.1 [9.70] 2.3	40.3 [11.81] 29.6 [8.67] 2.3	38.5 [11.28] 26.1 [7.65] 2.2	39.3 [11.52] 38.1 [11.17] 2.3	37.6 [11.02] 34.0 [9.96] 2.2
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	44.5 [13.04] 27.2 [7.97] 2.4	42.6 [12.48] 24.3 [7.12] 2.3	40.7 [11.93] 21.5 [6.30] 2.3	41.0 [12.02] 32.6 [9.55] 2.5	39.2 [11.49] 29.2 [8.56] 2.4	37.4 [10.96] 25.8 [7.56] 2.4	38.1 [11.17] 37.5 [10.99] 2.4	36.5 [10.70] 33.6 [9.85] 2.4
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	43.3 [12.69] 26.5 [7.77] 2.5	41.4 [12.13] 23.7 [6.95] 2.5	39.5 [11.58] 21.0 [6.15] 2.4	39.7 [11.63] 31.9 [9.35] 2.6	37.9 [11.11] 28.6 [8.38] 2.6	36.2 [10.61] 25.2 [7.39] 2.5	36.8 [10.79] 36.7 [10.76] 2.6	35.2 [10.32] 33.0 [9.67] 2.5
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	41.9 [12.28] 25.8 [7.56] 2.7	40.1 [11.75] 23.1 [6.77] 2.6	38.3 [11.22] 20.4 [5.98] 2.6	38.4 [11.25] 31.1 [9.11] 2.8	36.7 [10.76] 27.9 [8.18] 2.7	35.0 [10.26] 24.6 [7.21] 2.7	35.5 [10.40] 35.5 [10.40] 2.7	34.0 [9.96] 32.3 [9.47] 2.7
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	40.6 [11.90] 24.9 [7.30] 2.8	38.9 [11.40] 22.3 [6.54] 2.8	37.1 [10.87] 19.7 [5.77] 2.7	37.0 [10.84] 30.3 [8.88] 2.9	35.4 [10.37] 27.2 [7.97] 2.9	33.8 [9.91] 24.0 [7.03] 2.8	34.2 [10.02] 34.2 [10.02] 2.9	32.7 [9.58] 31.6 [9.26] 2.8
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	39.4 [11.55] 24.1 [7.06] 3.0	37.6 [11.02] 21.6 [6.33] 2.9	35.9 [10.52] 19.1 [5.60] 2.8	35.8 [10.49] 29.5 [8.65] 3.1	34.2 [10.02] 26.4 [7.74] 3.0	32.7 [9.58] 23.3 [6.83] 2.9	33.0 [9.67] 33.0 [9.67] 3.0	31.5 [9.23] 30.8 [9.03] 3.0
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	38.2 [11.20] 23.3 [6.83] 3.1	36.5 [10.70] 20.9 [6.13] 3.1	34.8 [10.20] 18.4 [5.39] 3.0	34.6 [10.14] 28.7 [8.41] 3.2	33.1 [9.70] 25.7 [7.53] 3.1	31.6 [9.26] 22.7 [6.65] 3.1	31.8 [9.32] 31.8 [9.32] 3.2	30.4 [8.91] 30.1 [8.82] 3.1
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	37.1 [10.87] 22.6 [6.62] 3.3	35.5 [10.40] 20.3 [5.95] 3.2	33.9 [9.94] 17.9 [5.25] 3.1	33.5 [9.82] 28.0 [8.21] 3.4	32.0 [9.38] 25.1 [7.36] 3.3	30.6 [8.97] 22.2 [6.51] 3.2	30.7 [9.00] 30.7 [9.00] 3.3	29.3 [8.59] 29.3 [8.59] 3.3

GROSS SYSTEMS PERFORMANCE DATA—RLPL-A042

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]		1810 [854.2]	1450 [684.3]	1090 [514.4]	1810 [854.2]	1450 [684.3]	1090 [514.4]	1810 [854.2]	1450 [684.3]	1090 [514.4]
DR ①		.20	.16	.11	.20	.16	.11	.20	.16	.11
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	52.7 [15.44] 32.4 [9.50] 2.6	50.4 [14.77] 29.0 [8.50] 2.5	48.1 [14.10] 25.6 [7.50] 2.5	50.0 [14.65] 39.0 [11.43] 2.5	47.8 [14.01] 34.9 [10.23] 2.5	45.7 [13.39] 30.9 [9.06] 2.4	46.1 [13.51] 45.2 [13.25] 2.5	44.1 [12.92] 40.5 [11.87] 2.5
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	51.8 [15.18] 31.9 [9.35] 2.7	49.5 [14.51] 28.5 [8.35] 2.7	47.3 [13.86] 25.2 [7.39] 2.6	49.1 [14.39] 38.5 [11.28] 2.7	46.9 [13.75] 34.5 [10.11] 2.6	44.8 [13.13] 30.4 [8.91] 2.6	45.2 [13.25] 44.7 [13.10] 2.7	43.2 [12.66] 40.0 [11.72] 2.6
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	50.6 [14.83] 31.3 [9.17] 2.9	48.4 [14.18] 28.0 [8.21] 2.8	46.2 [13.54] 24.7 [7.24] 2.8	47.9 [14.04] 37.9 [11.11] 2.9	45.8 [13.42] 33.9 [9.94] 2.8	43.7 [12.81] 30.0 [8.79] 2.7	43.9 [12.87] 43.9 [12.87] 2.8	42.0 [12.31] 39.5 [11.58] 2.8
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	49.1 [14.39] 30.5 [8.94] 3.0	47.0 [13.77] 27.3 [8.00] 3.0	44.9 [13.16] 24.2 [7.09] 2.9	46.4 [13.60] 37.1 [10.87] 3.0	44.4 [13.01] 33.3 [9.76] 2.9	42.4 [12.43] 29.4 [8.62] 2.9	42.5 [12.46] 42.5 [12.46] 3.0	40.7 [11.93] 38.8 [11.37] 2.9
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	47.5 [13.92] 29.7 [8.70] 3.2	45.5 [13.33] 26.6 [7.80] 3.1	43.4 [12.72] 23.5 [6.89] 3.1	44.8 [13.13] 36.4 [10.67] 3.2	42.9 [12.57] 32.6 [9.55] 3.1	40.9 [11.99] 28.8 [8.44] 3.0	40.9 [11.99] 40.9 [11.99] 3.2	39.1 [11.46] 38.3 [11.22] 3.1
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	45.8 [13.42] 28.9 [8.47] 3.4	43.8 [12.84] 25.9 [7.59] 3.3	41.8 [12.25] 22.9 [6.71] 3.2	43.1 [12.63] 35.5 [10.40] 3.3	41.2 [12.07] 31.8 [9.32] 3.3	39.4 [11.55] 28.1 [8.24] 3.2	39.2 [11.49] 39.2 [11.49] 3.3	37.5 [10.99] 37.2 [10.90] 3.2
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	44.1 [12.92] 28.0 [8.21] 3.5	42.1 [12.34] 25.1 [7.36] 3.4	40.2 [11.78] 22.2 [6.51] 3.4	41.3 [12.10] 34.6 [10.14] 3.5	39.5 [11.58] 31.0 [9.09] 3.4	37.7 [11.05] 27.4 [8.03] 3.3	37.4 [10.96] 37.4 [10.96] 3.5	35.8 [10.49] 35.8 [10.49] 3.4
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	42.3 [12.40] 27.1 [7.94] 3.7	40.5 [11.87] 24.3 [7.12] 3.6	38.6 [11.31] 21.5 [6.30] 3.5	39.6 [11.61] 33.7 [9.88] 3.6	37.9 [11.11] 30.2 [8.85] 3.6	36.2 [10.61] 26.7 [7.83] 3.5	35.7 [10.46] 35.7 [10.46] 3.6	34.1 [9.99] 34.1 [9.99] 3.6
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	40.6 [11.90] 26.2 [7.68] 3.8	38.9 [11.40] 23.5 [6.89] 3.7	37.1 [10.87] 20.8 [6.10] 3.7	37.9 [11.11] 32.8 [9.61] 3.8	36.3 [10.64] 29.4 [8.62] 3.7	34.6 [10.14] 26.0 [7.62] 3.6	34.0 [9.96] 34.0 [9.96] 3.8	32.5 [9.52] 32.5 [9.52] 3.7

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—RLPL-A048

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]			2000 [943.8]	1600 [755.1]	1200 [566.3]	2000 [943.8]	1600 [755.1]	1200 [566.3]	2000 [943.8]	1600 [755.1]	1200 [566.3]
DR ①			.17	.13	.08	.17	.13	.08	.17	.13	.08
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	63.2 [18.52]	60.4 [17.70]	57.7 [16.91]	59.4 [17.41]	56.8 [16.65]	54.2 [15.88]	53.7 [15.74]	51.4 [15.06]	49.0 [14.36]
		Sens BTUH [kW]	38.5 [11.28]	34.4 [10.08]	30.4 [8.91]	45.8 [13.42]	41.0 [12.02]	36.2 [10.61]	52.6 [15.42]	47.1 [13.80]	41.6 [12.19]
		Power	2.9	2.8	2.8	2.9	2.9	2.8	2.9	2.8	2.8
	80 [26.7]	Total BTUH [kW]	61.1 [17.91]	58.5 [17.14]	55.8 [16.35]	57.3 [16.79]	54.8 [16.06]	52.3 [15.33]	51.6 [15.12]	49.4 [14.48]	47.1 [13.80]
		Sens BTUH [kW]	37.1 [10.87]	33.3 [9.76]	29.4 [8.62]	44.5 [13.04]	39.9 [11.69]	35.2 [10.32]	51.3 [15.03]	45.9 [13.45]	40.5 [11.87]
		Power	3.1	3.0	3.0	3.1	3.0	3.0	3.1	3.0	2.9
	85 [29.4]	Total BTUH [kW]	59.4 [17.41]	56.8 [16.65]	54.2 [15.88]	55.6 [16.29]	53.2 [15.59]	50.8 [14.89]	49.9 [14.62]	47.7 [13.98]	45.6 [13.36]
		Sens BTUH [kW]	36.2 [10.61]	32.4 [9.50]	28.6 [8.38]	43.6 [12.78]	39.0 [11.43]	34.5 [10.11]	49.9 [14.62]	45.1 [13.22]	39.8 [11.66]
		Power	3.3	3.2	3.1	3.3	3.2	3.2	3.3	3.2	3.1
	90 [32.2]	Total BTUH [kW]	57.9 [16.97]	55.4 [16.24]	52.9 [15.50]	54.1 [15.86]	51.8 [15.18]	49.4 [14.48]	48.4 [14.18]	46.3 [13.57]	44.2 [12.95]
Sens BTUH [kW]		35.5 [10.40]	31.8 [9.32]	28.1 [8.24]	42.9 [12.57]	38.4 [11.25]	33.9 [9.94]	48.4 [14.18]	44.4 [13.01]	39.2 [11.49]	
Power		3.5	3.4	3.3	3.5	3.4	3.3	3.5	3.4	3.3	
95 [35]	Total BTUH [kW]	56.6 [16.59]	54.1 [15.86]	51.7 [15.15]	52.8 [15.47]	50.5 [14.80]	48.2 [14.13]	47.1 [13.80]	45.0 [13.19]	43.0 [12.60]	
	Sens BTUH [kW]	34.9 [10.23]	31.3 [9.17]	27.6 [8.09]	42.3 [12.40]	37.9 [11.11]	33.4 [9.79]	47.1 [13.80]	44.0 [12.90]	38.8 [11.37]	
	Power	3.7	3.6	3.5	3.7	3.6	3.5	3.6	3.6	3.5	
100 [37.8]	Total BTUH [kW]	55.2 [16.18]	52.8 [15.47]	50.4 [14.77]	51.4 [15.06]	49.2 [14.42]	46.9 [13.75]	45.7 [13.39]	43.7 [12.81]	41.8 [12.25]	
	Sens BTUH [kW]	34.3 [10.05]	30.8 [9.03]	27.2 [7.97]	41.7 [12.22]	37.3 [10.93]	33.0 [9.67]	45.7 [13.39]	43.3 [12.69]	38.3 [11.22]	
	Power	3.9	3.8	3.7	3.9	3.8	3.7	3.8	3.8	3.7	
105 [40.6]	Total BTUH [kW]	53.7 [15.74]	51.4 [15.06]	49.1 [14.39]	49.9 [14.62]	47.7 [13.98]	45.6 [13.36]	44.2 [12.95]	42.3 [12.40]	40.4 [11.84]	
	Sens BTUH [kW]	33.6 [9.85]	30.1 [8.82]	26.6 [7.80]	41.0 [12.02]	36.7 [10.76]	32.4 [9.50]	44.2 [12.95]	42.3 [12.40]	37.8 [11.08]	
	Power	4.0	4.0	3.9	4.1	4.0	3.9	4.0	3.9	3.9	
110 [43.3]	Total BTUH [kW]	52.0 [15.24]	49.7 [14.57]	47.5 [13.92]	48.2 [14.13]	46.1 [13.51]	44.0 [12.90]	42.5 [12.46]	40.7 [11.93]	38.8 [11.37]	
	Sens BTUH [kW]	32.7 [9.58]	29.3 [8.59]	25.8 [7.56]	40.0 [11.72]	35.8 [10.49]	31.7 [9.29]	42.5 [12.46]	40.7 [11.93]	37.0 [10.84]	
	Power	4.2	4.1	4.1	4.2	4.2	4.1	4.2	4.1	4.0	
115 [46.1]	Total BTUH [kW]	49.9 [14.62]	47.7 [13.98]	45.5 [13.33]	46.0 [13.48]	44.0 [12.90]	42.0 [12.31]	40.4 [11.84]	38.6 [11.31]	36.9 [10.81]	
	Sens BTUH [kW]	31.3 [9.17]	28.0 [8.21]	24.8 [7.27]	38.7 [11.34]	34.6 [10.14]	30.6 [8.97]	40.4 [11.84]	38.6 [11.31]	35.9 [10.52]	
	Power	4.4	4.3	4.2	4.4	4.3	4.3	4.4	4.3	4.2	

GROSS SYSTEMS PERFORMANCE DATA—RLPL-A060

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]			2310 [1090.1]	1850 [873.1]	1390 [656]	2310 [1090.1]	1850 [873.1]	1390 [656]	2310 [1090.1]	1850 [873.1]	2310 [1090.1]
DR ①			.20	.17	.13	.20	.17	.13	.20	.17	.13
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	77.5 [22.71]	74.2 [21.75]	70.8 [20.75]	71.2 [20.87]	68.1 [19.96]	65.0 [19.05]	65.8 [19.28]	63.0 [18.46]	60.1 [17.61]
		Sens BTUH [kW]	45.5 [13.33]	40.7 [11.93]	36.0 [10.55]	52.6 [15.42]	47.1 [13.80]	41.6 [12.19]	62.5 [18.32]	56.0 [16.41]	49.5 [14.51]
		Power	3.6	3.5	3.5	3.6	3.5	3.4	3.6	3.5	3.4
	80 [26.7]	Total BTUH [kW]	75.7 [22.19]	72.4 [21.22]	69.1 [20.25]	69.4 [20.34]	66.4 [19.46]	63.4 [18.58]	64.0 [18.76]	61.2 [17.94]	58.4 [17.12]
		Sens BTUH [kW]	44.6 [13.07]	40.0 [11.72]	35.3 [10.35]	51.8 [15.18]	46.4 [13.60]	41.0 [12.02]	61.8 [18.11]	55.3 [16.21]	48.8 [14.30]
		Power	3.8	3.8	3.7	3.8	3.7	3.7	3.8	3.7	3.6
	85 [29.4]	Total BTUH [kW]	74.0 [21.69]	70.8 [20.75]	67.6 [19.81]	67.7 [19.84]	64.8 [18.99]	61.9 [18.14]	62.4 [18.29]	59.6 [17.47]	56.9 [16.68]
		Sens BTUH [kW]	43.8 [12.84]	39.2 [11.49]	34.7 [10.17]	51.0 [14.95]	45.6 [13.36]	40.3 [11.81]	61.0 [17.88]	54.6 [16.00]	48.2 [14.13]
		Power	4.1	4.0	3.9	4.0	4.0	3.9	4.0	3.9	3.8
	90 [32.2]	Total BTUH [kW]	72.4 [21.22]	69.3 [20.31]	66.1 [19.37]	66.1 [19.37]	63.3 [18.55]	60.4 [17.70]	60.7 [17.79]	58.1 [17.03]	55.5 [16.27]
Sens BTUH [kW]		43.0 [12.60]	38.5 [11.28]	34.0 [9.96]	50.2 [14.71]	44.9 [13.16]	39.7 [11.63]	60.1 [17.61]	53.9 [15.80]	47.6 [13.95]	
Power		4.3	4.2	4.1	4.3	4.2	4.1	4.2	4.1	4.1	
95 [35]	Total BTUH [kW]	70.8 [20.75]	67.7 [19.84]	64.6 [18.93]	64.5 [18.90]	61.7 [18.08]	58.9 [17.26]	59.1 [17.32]	56.5 [16.56]	54.0 [15.83]	
	Sens BTUH [kW]	42.2 [12.37]	37.8 [11.08]	33.4 [9.79]	49.4 [14.48]	44.2 [12.95]	39.0 [11.43]	59.1 [17.32]	53.1 [15.56]	46.9 [13.75]	
	Power	4.5	4.4	4.3	4.5	4.4	4.3	4.5	4.4	4.3	
100 [37.8]	Total BTUH [kW]	69.0 [20.22]	66.0 [19.34]	63.0 [18.46]	62.7 [18.38]	60.0 [17.58]	57.3 [16.79]	57.3 [16.79]	54.8 [16.06]	52.3 [15.33]	
	Sens BTUH [kW]	41.3 [12.10]	37.0 [10.84]	32.7 [9.58]	48.5 [14.21]	43.4 [12.72]	38.3 [11.22]	57.3 [16.79]	52.3 [15.33]	46.2 [13.54]	
	Power	4.7	4.6	4.6	4.7	4.6	4.5	4.7	4.6	4.5	
105 [40.6]	Total BTUH [kW]	67.0 [19.64]	64.1 [18.79]	61.2 [17.94]	60.7 [17.79]	58.1 [17.03]	55.4 [16.24]	55.3 [16.21]	52.9 [15.50]	50.5 [14.80]	
	Sens BTUH [kW]	40.3 [11.81]	36.1 [10.58]	31.9 [9.35]	47.5 [13.92]	42.5 [12.46]	37.5 [10.99]	55.3 [16.21]	51.4 [15.06]	45.4 [13.31]	
	Power	5.0	4.9	4.8	4.9	4.8	4.7	4.9	4.8	4.7	
110 [43.3]	Total BTUH [kW]	64.7 [18.96]	61.9 [18.14]	59.1 [17.32]	58.4 [17.12]	55.9 [16.38]	53.3 [15.62]	53.0 [15.53]	50.7 [14.86]	48.4 [14.18]	
	Sens BTUH [kW]	39.2 [11.49]	35.1 [10.29]	31.0 [9.09]	46.3 [13.57]	41.5 [12.16]	36.6 [10.73]	53.0 [15.53]	50.4 [14.77]	44.5 [13.04]	
	Power	5.2	5.1	5.0	5.2	5.1	5.0	5.1	5.0	4.9	
115 [46.1]	Total BTUH [kW]	61.9 [18.14]	59.2 [17.35]	56.6 [16.59]	55.6 [16.29]	53.2 [15.59]	50.8 [14.89]	50.3 [14.74]	48.1 [14.10]	45.9 [13.45]	
	Sens BTUH [kW]	37.8 [11.08]	33.9 [9.94]	29.9 [8.76]	45.0 [13.19]	40.3 [11.81]	35.6 [10.43]	50.3 [14.74]	48.1 [14.10]	43.4 [12.72]	
	Power	5.4	5.3	5.2	5.4	5.3	5.2	5.4	5.3	5.1	

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 $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] Designates Metric Conversions





Air

Airflow Performance
RLNL Series

DIRECT-DRIVE 208 AIRFLOW PERFORMANCE

Unit Model	Motor Speed From Factory		Heating Input BTU/hr [kW]	Manufacturer Recommended Air-Flow Range (Min/Max) CFM	Blower Size/ Motor HP [w] # of Speeds	Motor Speed	CFM [L/s] Air Delivery/RPM/Watts—208 Volts								
							External Static Pressure—Inches W.C. [kPa]								
	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]	
RLNL-A036	Low	Low	[06] [10] [12] [15] [20]	1050/1350	10x10 1/2 HP [373] 3 Speed Motor	Low	CFM	1210 [571]	1193 [563]	1175 [555]	1155 [545]	1125 [531]	1075 [507]	1015 [479]	925 [437]
							Watts	450	400	395	385	380	375	370	360
						Med	CFM	1515 [715]	1500 [708]	1475 [696]	1450 [684]	1405 [663]	1350 [637]	1275 [602]	1180 [557]
							Watts	525	515	510	505	490	475	460	445
						High	CFM	1680 [793]	1650 [779]	1625 [767]	1580 [746]	1530 [722]	1460 [689]	1390 [656]	1280 [604]
							Watts	650	640	630	610	580	560	545	515
						Low	CFM	1210 [571]	1193 [563]	1175 [555]	1155 [545]	1125 [531]	1075 [507]	1015 [479]	925 [437]
							Watts	450	400	395	385	380	375	370	360
RLNL-A042	Med	Med	[06] [10] [12] [15] [20]	1225/1575	10x10 1/2 HP [373] 3 Speed Motor	Med	CFM	1515 [715]	1500 [708]	1475 [696]	1450 [684]	1405 [663]	1350 [637]	1275 [602]	1180 [557]
							Watts	525	515	510	505	490	475	460	445
						High	CFM	1680 [793]	1650 [779]	1625 [767]	1580 [746]	1530 [722]	1460 [689]	1390 [656]	1280 [604]
							Watts	650	640	630	610	580	560	545	515
RLNL-A048	Med	Med	[06] [10] [12] [15] [20]	1400/1800	10x10 1/2 HP [373] 3 Speed Motor	Low	CFM	1210 [571]	1193 [563]	1175 [555]	1155 [545]	1125 [531]	1075 [507]	1015 [479]	925 [437]
							Watts	450	400	395	385	380	375	370	360
						Med	CFM	1515 [715]	1500 [708]	1475 [696]	1450 [684]	1405 [663]	1350 [637]	1275 [602]	1180 [557]
							Watts	525	515	510	505	490	475	460	445
						High	CFM	1680 [793]	1650 [779]	1625 [767]	1580 [746]	1530 [722]	1460 [689]	1390 [656]	1280 [604]
							Watts	650	640	630	610	580	560	545	515
						Low	CFM	1210 [571]	1193 [563]	1175 [555]	1155 [545]	1125 [531]	1075 [507]	1015 [479]	925 [437]
							Watts	450	400	395	385	380	375	370	360
RLNL-A060	Med	Med	[06] [10] [12] [15] [20]	1750/2250	10x10 1 HP [745] 3 Speed Motor (X-13)	Low	CFM	1575 [743]	1536 [725]	1496 [706]	1457 [688]	1417 [669]	1377 [650]	1338 [631]	1298 [613]
							Watts	297	314	330	347	364	381	397	414
						Med	CFM	1985 [937]	1954 [922]	1919 [906]	1876 [885]	1824 [861]	1759 [830]	1679 [792]	1581 [746]
							Watts	535	553	574	593	606	609	599	572
						High	CFM	2431 [1147]	2372 [1119]	2306 [1088]	2228 [1051]	2138 [1009]	2032 [959]	1907 [900]	1762 [832]
							Watts	970	981	964	926	872	806	736	665

[] Designates Metric Conversions



INTEGRATED AIR & WATER

DIRECT-DRIVE 230 AIRFLOW PERFORMANCE

Unit Model	Motor Speed From Factory		Heating Input BTU/hr [kW]	Manufacturer Recommended Air-Flow Range (Min/Max) CFM	Blower Size/ Motor HP [w] # of Speeds	Motor Speed	CFM [L/s] Air Delivery/RPM/Watts—230 Volts									
							External Static Pressure—Inches W.C. [kPa]									
	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]		
RLNL-A036	Low	Low	[06] [10] [12] [15] [20]	1050/1350	10x10 1/2 HP [373] 3 Speed Motor	Low	CFM 1400 [661]	1375 [649]	1360 [642]	1335 [630]	1305 [616]	1255 [592]	1210 [571]	1100 [519]	410	
							Watts 470	460	455	450	440	435	425	410		
						Med	CFM 1685 [795]	1620 [765]	1580 [746]	1550 [732]	1500 [708]	1430 [675]	1350 [637]	1230 [580]		
							Watts 635	600	580	570	550	535	505	475		
RLNL-A042	Med	Med	[06] [10] [12] [15] [20]	1225/1575	10x10 1/2 HP [373] 3 Speed Motor	High	CFM 1870 [883]	1830 [864]	1790 [845]	1730 [816]	1660 [783]	1580 [746]	1500 [708]	1375 [649]	555	
							Watts 780	760	740	700	660	635	600	555		
						Low	CFM 1400 [661]	1375 [649]	1360 [642]	1335 [630]	1305 [616]	1255 [592]	1210 [571]	1100 [519]	410	
							Watts 470	460	455	450	440	435	425	410		
RLNL-A048	Med	Med	[06] [10] [12] [15] [20]	1400/1800	10x10 1/2 HP [373] 3 Speed Motor	Med	CFM 1685 [795]	1620 [765]	1580 [746]	1550 [732]	1500 [708]	1430 [675]	1350 [637]	1230 [580]	475	
							Watts 635	600	580	570	550	535	505	475		
						High	CFM 1870 [883]	1830 [864]	1790 [845]	1730 [816]	1660 [783]	1580 [746]	1500 [708]	1375 [649]	555	
							Watts 780	760	740	700	660	635	600	555		
RLNL-A060	Med	Med	[06] [10] [12] [15] [20]	1750/2250	10x10 1 HP [745] 3 Speed Motor (X-13)	Low	CFM 1575 [743]	1536 [725]	1496 [706]	1457 [688]	1417 [669]	1377 [650]	1338 [631]	1298 [613]	414	
							Watts 297	314	330	347	364	381	397	414		
						Med	CFM 1985 [937]	1954 [922]	1919 [906]	1876 [885]	1824 [861]	1759 [830]	1679 [792]	1581 [746]	572	
							Watts 535	553	574	593	606	609	599	572		
RLNL-A060	Med	Med	[06] [10] [12] [15] [20]	1750/2250	10x10 1 HP [745] 3 Speed Motor (X-13)	High	CFM 2431 [1147]	2372 [1119]	2306 [1088]	2228 [1051]	2138 [1009]	2032 [959]	1907 [900]	1762 [832]	665	
							Watts 970	981	964	926	872	806	736	665		

[] Designates Metric Conversions

DIRECT-DRIVE 460 AIRFLOW PERFORMANCE

Unit Model	Motor Speed From Factory		Heating Input BTU/hr [kW]	Manufacturer Recommended Air-Flow Range (Min/Max) CFM	Blower Size/ Motor HP [w] # of Speeds	Motor Speed	CFM [L/s] Air Delivery/RPM/Watts—460 Volts									
							External Static Pressure—Inches W.C. [kPa]									
	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]		
RLNL-A036	Low	Low	[06] [10] [12] [15] [20]	1050/1350	10x10 1/2 HP [373] 3 Speed Motor (PSC)	Low	CFM	1400 [661]	1375 [649]	1360 [642]	1335 [630]	1305 [616]	1255 [592]	1210 [571]	1100 [519]	
						Watts	470	460	455	450	440	435	425	410		
						Med	CFM	1685 [795]	1620 [765]	1580 [746]	1550 [732]	1500 [708]	1430 [675]	1350 [637]	1230 [580]	
						Watts	635	600	580	570	550	535	505	475		
RLNL-A042	Med	Med	[06] [10] [12] [15] [20]	1225/1575	10x10 1/2 HP [373] 3 Speed Motor (PSC)	High	CFM	1870 [883]	1830 [864]	1790 [845]	1730 [816]	1660 [783]	1580 [746]	1500 [708]	1375 [649]	
						Watts	780	760	740	700	660	635	600	555		
						Low	CFM	1400 [661]	1375 [649]	1360 [642]	1335 [630]	1305 [616]	1255 [592]	1210 [571]	1100 [519]	
						Watts	470	460	455	450	440	435	425	410		
RLNL-A048	Med	Med	[06] [10] [12] [15] [20]	1400/1800	10x10 1/2 HP [373] 3 Speed Motor (PSC)	Med	CFM	1685 [795]	1620 [765]	1580 [746]	1550 [732]	1500 [708]	1430 [675]	1350 [637]	1230 [580]	
						Watts	635	600	580	570	550	535	505	475		
						High	CFM	1870 [883]	1830 [864]	1790 [845]	1730 [816]	1660 [783]	1580 [746]	1500 [708]	1375 [649]	
						Watts	780	760	740	700	660	635	600	555		
RLNL-A060	Med	Med	[06] [10] [12] [15] [20]	1750/2250	10x10 1 HP [745] 3 Speed Motor (X-13)	Low	CFM	1575 [743]	1536 [725]	1496 [706]	1457 [688]	1417 [669]	1377 [650]	1338 [631]	1298 [613]	
						Watts	297	314	330	347	364	381	397	414		
						Med	CFM	1985 [937]	1954 [922]	1919 [906]	1876 [885]	1824 [861]	1759 [830]	1679 [792]	1581 [746]	
						Watts	535	553	574	593	606	609	599	572		
RLNL-A060	Med	Med	[06] [10] [12] [15] [20]	1750/2250	10x10 1 HP [745] 3 Speed Motor (X-13)	High	CFM	2431 [1147]	2372 [1119]	2306 [1088]	2228 [1051]	2138 [1009]	2032 [959]	1907 [900]	1762 [832]	
						Watts	970	981	964	926	872	806	736	665		

[] Designates Metric Conversions



Air

Airflow Performance
RLPL Series

DIRECT-DRIVE 208 AIRFLOW PERFORMANCE

Unit Model Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/hr [kW]	Manufacturer Recommended Air-Flow Range (Min/Max) CFM	Blower Size/ Motor HP [w] # of Speeds	Motor Speed	CFM [L/s] Air Delivery/RPM/Watts—208 Volts Side Discharge—Wet Coil									
	Cool	Heat					External Static Pressure—Inches W.C. [kPa]									
							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]		
RLPL-A036 3.0 [10.55]	Low (Tap 2)	Low (Tap 2)	[06] [10] [12] [15] [20]	1050/1350	10 x 10 1/2 HP [373] 3 Speed (X-13 Motor)	Low (Tap 2)	CFM 1381 [652]	1339 [632]	1291 [609]	1236 [583]	1193 [563]	1144 [540]	1079 [509]	1004 [474]	1016	289
						Med. (Tap 3)	RPM 675	717	766	808	855	903	961	1016	336	
						High (Tap 4)	Watts 200	214	225	233	248	262	275	289	442	
							CFM 1479 [698]	1432 [676]	1385 [654]	1346 [635]	1304 [615]	1256 [593]	1201 [567]	1137 [537]	1024	
RLPL-A042 3.5 [12.31]	Med. (Tap 2)	Med. (Tap 2)	[06] [10] [12] [15] [20]	1225/1575	10 x 10 3/4 HP [559] 4 Speed (X-13 Motor)	Low (Tap 1)	CFM 1444 [681]	1396 [659]	1347 [636]	1306 [616]	1265 [597]	1225 [578]	1185 [559]	1108 [523]	1038	317
						Med. (Tap 2)	RPM 681	731	780	827	873	920	966	1038	317	
						High (Tap 3)	Watts 208	223	237	253	268	281	293	317	410	
							CFM 1643 [775]	1605 [757]	1567 [740]	1523 [719]	1479 [698]	1441 [680]	1403 [662]	1365 [644]	1048	
RLPL-A048 4.0 [14.07]	Med. (Tap 2)	Med. (Tap 2)	[06] [10] [12] [15] [20]	1400/1800	10 x 10 3/4 HP [559] 4 Speed (X-13 Motor)	High (Tap 4)	Watts 304	319	333	350	366	381	395	410	806	
						Med. (Tap 3)	CFM 1643 [775]	1605 [757]	1567 [740]	1523 [719]	1479 [698]	1441 [680]	1403 [662]	1365 [644]	1048	
						High (Tap 4)	RPM 768	805	842	887	932	971	1009	1048	410	
							CFM 1875 [885]	1837 [867]	1799 [849]	1755 [828]	1711 [808]	1673 [790]	1635 [772]	1597 [754]	1092	
RLPL-A048 4.0 [14.07]	Med. (Tap 2)	Med. (Tap 2)	[06] [10] [12] [15] [20]	1400/1800	10 x 10 3/4 HP [559] 4 Speed (X-13 Motor)	Low (Tap 1)	Watts 435	452	468	487	505	519	532	546	806	
						Med. (Tap 2)	CFM 1457 [688]	1410 [665]	1363 [643]	1322 [624]	1280 [604]	1235 [583]	1190 [562]	1106 [522]	1061	
						High (Tap 3)	RPM 710	763	816	858	900	951	1002	1061	330	
							Watts 229	241	252	267	282	299	315	330	806	
RLPL-A048 4.0 [14.07]	Med. (Tap 2)	Med. (Tap 2)	[06] [10] [12] [15] [20]	1400/1800	10 x 10 3/4 HP [559] 4 Speed (X-13 Motor)	Med. (Tap 2)	CFM 1717 [810]	1676 [791]	1635 [772]	1596 [753]	1556 [734]	1514 [715]	1471 [694]	1425 [673]	1092	
						High (Tap 4)	RPM 817	854	890	931	971	1012	1052	1092	461	
						Med. (Tap 3)	Watts 360	374	387	402	417	433	449	461	806	
							CFM 1717 [810]	1676 [791]	1635 [772]	1596 [753]	1556 [734]	1514 [715]	1471 [694]	1425 [673]	1092	
RLPL-A060 5.0 [17.59]	Med. (Tap 2)	Med. (Tap 2)	[06] [10] [12] [15] [20]	1750/2250	10 x 10 1 HP [745] 3 Speed (X-13 Motor)	Low (Tap 1)	CFM 1575 [743]	1536 [725]	1496 [706]	1457 [688]	1417 [669]	1377 [650]	1338 [631]	1298 [613]	1032	
						Med. (Tap 2)	RPM 741	783	824	866	907	949	990	1032	414	
						High (Tap 3)	Watts 297	314	330	347	364	381	397	414	806	
							CFM 1985 [937]	1954 [922]	1919 [906]	1876 [885]	1824 [861]	1759 [830]	1679 [792]	1581 [746]	1119	
RLPL-A060 5.0 [17.59]	Med. (Tap 2)	Med. (Tap 2)	[06] [10] [12] [15] [20]	1750/2250	10 x 10 1 HP [745] 3 Speed (X-13 Motor)	Med. (Tap 2)	RPM 902	942	979	1013	1040	1071	1096	1119	572	
						High (Tap 3)	Watts 535	553	574	593	606	609	599	572	806	
							CFM 2431 [1147]	2372 [1119]	2306 [1088]	2228 [1051]	2138 [1009]	2032 [959]	1907 [900]	1762 [832]	1151	
							RPM 1076	1089	1102	1114	1125	1133	1142	1151	665	

[] Designates Metric Conversions



DIRECT-DRIVE 230/460 AIRFLOW PERFORMANCE

Unit Model Cooling Capacity Tons [kW]	Motor Speed from Factory		Heating Input BTU/hr [kW]	Manufacturer Recommended Air-Flow Range (Min/Max) CFM	Blower Size/ Motor HP [w] # of Speeds	Motor Speed	CFM [L/s] Air Delivery/RPM/Watts—230/460 Volts Side Discharge—Wet Coil									
	Cool	Heat					External Static Pressure—Inches W.C. [kPa]									
							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]		
RLPL-A036 3.0 [10.55]			[06]	1050/1350	10 x 10 1/2 HP [373] 3 Speed (X-13 Motor)	Low (Tap 2)	CFM 1381 [652]	1339 [632]	1291 [609]	1236 [583]	1193 [563]	1144 [540]	1079 [509]	1004 [474]		
							RPM 675	717	766	808	855	903	961	1016		
						Watts	200	214	225	233	248	262	275	289		
	Low (Tap 2)		[10] [12]			Med. (Tap 3)	CFM 1479 [698]	1432 [676]	1385 [654]	1346 [635]	1304 [615]	1256 [593]	1201 [567]	1137 [537]		
							RPM 706	751	795	835	874	919	970	1024		
						Watts	242	254	266	282	291	306	319	336		
RLPL-A042 3.5 [12.31]			[06] [10] [12] [15] [20]	1225/1575	10 x 10 3/4 HP [559] 4 Speed (X-13 Motor)	High (Tap 4)	CFM 1669 [788]	1626 [767]	1585 [748]	1544 [729]	1500 [708]	1460 [689]	1418 [669]	1376 [649]		
							RPM 788	827	868	908	941	978	1015	1052		
						Watts	356	370	385	401	411	426	438	442		
	Med. (Tap 2)		[10] [12] [15] [20]			Low (Tap 1)	CFM 1444 [681]	1396 [659]	1347 [636]	1306 [616]	1265 [597]	1225 [578]	1185 [559]	1108 [523]		
							RPM 681	731	780	827	873	920	966	1038		
						Watts	208	223	237	253	268	281	293	317		
RLPL-A048 4.0 [14.07]			[06] [10] [12] [15] [20]	1400/1800	10 x 10 3/4 HP [559] 4 Speed (X-13 Motor)	Med. (Tap 3)	CFM 1643 [775]	1605 [757]	1567 [740]	1523 [719]	1479 [698]	1441 [680]	1403 [662]	1365 [644]		
							RPM 768	805	842	887	932	971	1009	1048		
						Watts	304	319	333	350	366	381	395	410		
	Med. (Tap 2)		[10] [12] [15] [20]			High (Tap 4)	CFM 1875 [885]	1837 [867]	1799 [849]	1755 [828]	1711 [808]	1673 [790]	1635 [772]	1597 [754]		
							RPM 842	880	918	955	991	1025	1058	1092		
						Watts	435	452	468	487	505	519	532	546		
RLPL-A060 5.0 [17.59]			[06] [10] [12] [15] [20]	1750/2250	10 x 10 1 HP [745] 3 Speed (X-13 Motor)	Low (Tap 1)	CFM 1457 [688]	1410 [665]	1363 [643]	1322 [624]	1280 [604]	1235 [583]	1190 [562]	1106 [522]		
							RPM 710	763	816	858	900	951	1002	1061		
						Watts	229	241	252	267	282	299	315	330		
	Med. (Tap 2)		[10] [12] [15] [20]			Med. (Tap 3)	CFM 1717 [810]	1676 [791]	1635 [772]	1596 [753]	1556 [734]	1514 [715]	1471 [694]	1425 [673]		
							RPM 817	854	890	931	971	1012	1052	1092		
						Watts	360	374	387	402	417	433	449	461		
RLPL-A060 5.0 [17.59]			[06] [10] [12] [15] [20]	1750/2250	10 x 10 1 HP [745] 3 Speed (X-13 Motor)	High (Tap 4)	CFM 1717 [810]	1676 [791]	1635 [772]	1596 [753]	1556 [734]	1514 [715]	1471 [694]	1425 [673]		
							RPM 817	854	890	931	971	1012	1052	1092		
						Watts	360	374	387	402	417	433	449	461		
	Med. (Tap 2)		[10] [12] [15] [20]			Med. (Tap 3)	CFM 1875 [885]	1837 [867]	1799 [849]	1757 [829]	1714 [809]	1674 [790]	1633 [771]	1548 [731]		
							RPM 877	911	944	979	1014	1053	1091	1113		
						Watts	458	473	488	503	517	534	550	535		
RLPL-A060 5.0 [17.59]			[06] [10] [12] [15] [20]	1750/2250	10 x 10 1 HP [745] 3 Speed (X-13 Motor)	Low (Tap 1)	CFM 1575 [743]	1536 [725]	1496 [706]	1457 [688]	1417 [669]	1377 [650]	1338 [631]	1298 [613]		
							RPM 741	783	824	866	907	949	990	1032		
						Watts	297	314	330	347	364	381	397	414		
	Med. (Tap 2)		[10] [12] [15] [20]			Med. (Tap 3)	CFM 1985 [937]	1954 [922]	1919 [906]	1876 [885]	1824 [861]	1759 [830]	1679 [792]	1581 [746]		
							RPM 902	942	979	1013	1040	1071	1096	1119		
						Watts	535	553	574	593	606	609	599	572		
RLPL-A060 5.0 [17.59]			[06] [10] [12] [15] [20]	1750/2250	10 x 10 1 HP [745] 3 Speed (X-13 Motor)	High (Tap 3)	CFM 2431 [1147]	2372 [1119]	2306 [1088]	2228 [1051]	2138 [1009]	2032 [959]	1907 [900]	1762 [832]		
							RPM 1076	1089	1102	1114	1125	1133	1142	1151		
						Watts	970	981	964	926	872	806	736	665		

[] Designates Metric Conversions



Air

Airflow Performance
RLPL Series



INTEGRATED AIR & WATER

BELT-DRIVE AIRFLOW PERFORMANCE RLNL/RLPL-

Capacity 3 & 3.5 Ton [10.55 & 12.31 kW] Packaged Air Conditioner (13 & 14 SEER)

Air Flow CFM [L/s]		3 PH—208-230/460 Volt—External Static Pressure—Inches of Water [kPa]																							
		3 PH												3 PH											
		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]		1.1 [.27]		1.2 [.30]	
		RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W
900 [425]	—	—	—	—	—	665	290	730	300	780	315	830	330	875	360	920	375	960	390	990	410	1040	445	1080	470
1000 [472]	—	—	—	625	275	680	295	750	310	805	325	850	345	895	375	935	390	970	410	1015	435	1065	465	1100	500
1100 [519]	—	—	640	300	710	315	780	325	830	340	875	365	915	390	955	405	990	430	1040	450	1080	485	1115	540	1230
1200 [566]	—	—	670	315	735	330	800	345	850	365	890	385	935	410	975	430	1010	450	1060	475	1100	520	1145	560	1280
1300 [614]	625	315	700	330	770	350	830	370	875	400	915	415	955	440	990	450	1040	495	1085	530	1125	565	1165	590	1260
1400 [661]	655	340	730	365	795	385	850	400	890	430	935	445	975	470	1010	500	1070	540	1110	575	1150	615	1195	645	1230
1500 [708]	685	380	755	390	825	415	870	435	915	450	955	480	990	505	1040	545	1090	590	1135	630	1180	660	1220	720	1255
1600 [755]	730	420	790	435	850	455	890	490	935	505	970	525	1005	550	1075	605	1110	640	1160	680	1200	730	1245	780	1280
1700 [802]	755	465	825	475	875	505	915	535	955	550	985	570	1040	630	1100	685	1135	710	1185	750	1225	800	1265	830	1295
1800 [850]	790	500	850	530	890	550	935	570	975	600	1020	650	1080	690	1125	740	1165	770	1210	830	1245	870	1290	910	1310

Bold lines separate L, M and N drives respectively.

Drive Package Motor H.P. [w]		L						M						N (Field-Supplied)					
		1/2 [373]						3/4 [559]						3/4 [559]					
Blower Sheave		6.9 Pitch Diameter						6.4 Pitch Diameter						6.4 Pitch Diameter					
Motor Sheave		Adjustable 2.4-3.4 Pitch Diameter						Adjustable 3.4-4.4 Pitch Diameter						Adjustable 4.0-5.0 Pitch Diameter					
Turns Open		0	1	2	3	4	5	6	0	1	2	3	4	5	6				
RPM		935	875	830	780	730	680	625	1295	1230	1185	1135	1085	1000	955	RPM Range 1090-1365			

NOTES:

- Performance shown with dry coil & standard 2" [50.8 mm] filters.
- Standard CFM @ .075 lbs./cu. ft.
- Motor efficiency = 80%
- BHP = $\frac{\text{Watts} \times \text{Motor Eff.}}{746}$
- Add component resistance to duct static to determine E.S.P. as shown on charts.

Air Flow CFM [L/s]		3 PH—208-230/460 Volt—External Static Pressure—Inches of Water [kPa]																							
		3 PH												3 PH											
		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]		1.1 [.27]		1.2 [.30]	
		RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W
1200 [566]	—	—	—	—	—	745	340	810	375	885	390	900	400	945	420	1000	440	1040	460	1075	490	1115	540	1170	580
1300 [614]	—	—	695	330	770	395	835	835	395	880	415	920	435	975	455	1010	470	1060	490	1100	530	1140	570	1190	600
1400 [661]	—	—	725	350	795	395	855	855	420	895	435	945	455	995	470	1030	500	1070	520	1115	560	1160	600	1205	640
1500 [708]	690	360	750	390	820	425	875	875	450	920	465	970	480	1010	500	1055	560	1100	580	1140	630	1180	660	1230	700
1600 [755]	720	390	780	430	850	460	895	895	480	945	500	990	530	1035	565	1075	590	1115	635	1160	680	1205	725	1250	770
1700 [802]	750	430	810	465	870	485	920	500	500	970	530	1015	570	1055	600	1090	645	1140	695	1180	735	1225	790	1270	845
1800 [850]	780	475	840	515	895	540	945	945	555	990	600	1035	625	1080	660	1115	710	1155	740	1205	860	1250	860	1295	930
1900 [897]	820	520	870	560	925	580	970	600	600	1015	640	1060	690	1115	750	1145	790	1185	835	1225	880	1275	900	1315	1010
2000 [944]	850	585	900	610	950	630	1000	665	1045	1045	715	1090	760	1130	810	1170	865	1205	900	1255	965	1300	1050	1340	1100

Bold lines separate L, M and N drives respectively.

Drive Package Motor H.P. [w]		L						M						N (Field-Supplied)					
		1/2 [373]						3/4 [559]						3/4 [559]					
Blower Sheave		6.9 Pitch Diameter						6.4 Pitch Diameter						6.4 Pitch Diameter					
Motor Sheave		Adjustable 2.8-3.8 Pitch Diameter						Adjustable 3.4-4.4 Pitch Diameter						Adjustable 4.0-5.0 Pitch Diameter					
Turns Open		0	1	2	3	4	5	6	0	1	2	3	4	5	6				
RPM		990	945	895	850	800	750	695	1270	1225	1170	1115	1065	1015	965	RPM Range 1090-1365			

Factory sheave settings are shown in bold print.

NOTES:

- Performance shown with dry coil & standard 2" [50.8 mm] filters.
- Standard CFM @ .075 lbs./cu. ft.
- Motor efficiency = 80%
- BHP = $\frac{\text{Watts} \times \text{Motor Eff.}}{746}$
- Add component resistance to duct static to determine E.S.P. as shown on charts.

BELT-DRIVE AIRFLOW PERFORMANCE—5 TON [17.58 kW] 13 SEER 3 PHASE MODELS

Capacity		5 Ton [17.58 kW]—Package Air Conditioner (13 SEER)																			
Air Flow CFM [L/s]	RPM	3 PH—208-230/460 Volt—External Static Pressure—Inches of Water [kPa]																			
		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]	
		W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM
1400 [661]	—	—	—	—	—	780	370	815	385	875	425	930	460	970	490	1030	540	1065	570	1105	595
1500 [708]	—	—	—	—	—	795	405	840	415	895	440	945	500	995	540	1045	595	1080	615	1135	650
1600 [755]	—	—	—	780	390	805	425	870	470	915	510	965	560	1015	600	1060	640	1105	680	1145	705
1700 [802]	—	—	795	450	840	490	895	530	940	570	990	605	1035	640	1075	680	1120	725	1160	755	1200
1800 [850]	780	455	815	470	870	540	915	540	965	675	1010	660	1055	710	1100	760	1140	785	1175	810	1225
1900 [897]	800	485	850	530	895	590	945	640	995	675	1035	720	1070	775	1120	810	1160	850	1200	890	1245
2000 [944]	830	550	880	605	930	655	970	700	1015	730	1055	790	1105	830	1145	875	1180	910	1225	950	1260
2100 [991]	860	615	915	655	955	705	1005	760	1040	820	1090	870	1130	910	1170	950	1210	995	1250	1020	1290
2200 [1038]	895	680	945	735	995	780	1030	830	1060	880	1120	940	1155	980	1195	1020	1240	1055	1275	1100	1320
2300 [1085]	940	755	975	795	1015	830	1065	910	1100	965	1150	1025	1180	1050	1225	1095	1265	1125	1310	1175	1350
2400 [1133]	970	825	1015	880	1040	925	1100	1005	1145	1055	1175	1085	1225	1140	1260	1175	1300	1210	1340	1255	1370

NOTE: L-Drive left of bold line, M-Drive right of bold line.

Drive Package	L					M						
Motor H.P. [w]	3/4 [559]					1 [746]						
Blower Sheave	6.9 Pitch Diameter					6.9 Pitch Diameter						
Motor Sheave	Adjustable 2.8-3.8 Pitch Diameter					Adjustable 4.0-5.0 Pitch Diameter						
Turns Open	0	1	2	3	4	5	0	1	2	3	4	5
RPM	1007	963	922	880	833	785	1272	1242	1210	1172	1130	1089

Factory sheave settings are shown in bold print.

COMPONENT AIR RESISTANCE

Component	Standard Indoor Airflow—CFM [L/s]					
	2200 [944]	2400 [1133]	2600 [1227]	2800 [1321]	3200 [1510]	3400 [1605]
	Resistance—Inches Water [kPa]					
Wet Coil	.079	.090	.102	.118	.128	.135
Downflow	.061	.079	.089	.100	.108	.112
R.S.I. Economizer R.A. Damper	.09	.10	.11	.12	.13	.15

NOTES:

- 1. Performance shown with dry coil & standard 2" [50.8 mm] filters.
- 2. Standard CFM @ .075 lbs./cu. ft.
- 3. Motor efficiency = 80%
- 4. BHP = $\frac{\text{Watts} \times \text{Motor Eff.}}{746}$
- 5. Add component resistance to duct static to determine E.S.P. as shown on charts.

[] Designates Metric Conversions



BELT-DRIVE AIRFLOW PERFORMANCE—5 TON [17.58 kW] 14 SEER 3 PHASE MODELS

Capacity		5 Ton [17.6 kW]—Package Air Conditioner (14 SEER)													
Air Flow CFM [L/s]		3 PH—208-230/460 Volt—External Static Pressure—Inches of Water [kPa]													
		0.1 [.02]		0.2 [.05]		0.3 [.07]		0.4 [.10]		0.5 [.12]		0.6 [.15]		0.7 [.17]	
		RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W
1400 [661]	—	—	—	—	—	—	—	794	395	835	433	877	467	918	499
1500 [708]	—	—	—	—	—	—	—	810	440	851	478	892	512	934	544
1600 [755]	—	—	—	—	—	789	446	830	489	871	527	913	562	954	593
1700 [802]	—	—	—	—	—	813	501	854	544	896	582	937	616	979	648
1800 [850]	—	—	—	799	470	840	560	882	604	923	642	964	676	1006	708
1900 [897]	788	507	828	574	869	625	910	668	952	706	993	741	1035	772	1057
2000 [944]	817	578	857	644	898	695	939	739	981	777	1022	811	1044	848	1073
2100 [991]	845	653	885	720	927	771	968	814	1009	852	1035	869	1064	943	1093
2200 [1038]	873	734	913	801	955	852	996	896	1037	934	1057	971	1086	1044	1115
2300 [1085]	902	821	942	888	983	939	1024	983	1049	1000	1081	1080	1111	1153	1140
2400 [1133]	933	914	973	981	1014	1032	1036	1028	1075	1116	1107	1196	1137	1270	1165
2500 [1180]	970	1013	1010	1080	1035	1052	1062	1152	1101	1240	1133	1320	1163	1393	1191

NOTE: L-Drive left of bold line, M-Drive right of bold line.

Drive Package	L					M				
Motor H.P. [w]	3/4 [559]					1 [746]				
Blower Sheave	6.9 Pitch Diameter					6.9 Pitch Diameter				
Motor Sheave	Adjustable 2.8-3.8 Pitch Diameter					Adjustable 4.0-5.0 Pitch Diameter				
Turns Open	0	1	2	3	4	5	0	1	2	3
RPM	1007	963	922	880	833	785	1272	1242	1210	1172
										1130
										1089

Factory sheave settings are shown in bold print.

COMPONENT AIR RESISTANCE

Component	Standard Indoor Airflow—CFM [L/s]						
	2200 [944]	2400 [1133]	2600 [1227]	2800 [1321]	3200 [1510]	3400 [1605]	
	Resistance—Inches Water [kPa]						
Wet Coil	.079	.090	.102	.118	.128	.135	
Downflow	.061	.079	.089	.100	.108	.112	
R.S.I. Economizer	.09	.10	.11	.12	.13	.15	
R.A. Damper							

NOTES:

- Performance shown with dry coil & standard 2" [50.8 mm] filters.
- Standard CFM @ .075 lbs./cu. ft.
- Motor efficiency = 80%
- BHP = $\frac{\text{Watts} \times \text{Motor Eff.}}{746}$
- Add component resistance to duct static to determine E.S.P. as shown on charts.

[] Designates Metric Conversions

ELECTRICAL DATA – RLNL SERIES												
		-A036CK	-A036CL	-A036CM	-A036DK	-A036DL	-A036DM	-A036JK	-A036YL	-A036YM	-A042CK	-A042CL
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	414-506	414-506	414-506	187-253	517-633	517-633	187-253	187-253
	Minimum Circuit Ampacity	19/19	18/18	18/18	11	10	10	27/27	7	7	23/23	22/22
	Minimum Overcurrent Protection Device Size	25/25	20/20	25/25	15	15	15	35/35	15	15	30/30	25/25
	Maximum Overcurrent Protection Device Size	25/25	25/25	25/25	15	15	15	40/40	15	15	35/35	30/30
Compressor Motor	No.	1	1	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	460	460	208/230	575	575	208/230	208/230
	Phase	3	3	3	3	3	3	1	3	3	3	3
	HP	3	3	3	3	3	3	3	3	3	3 1/2	3 1/2
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	10.4/10.4	10.4/10.4	10.4/10.4	5.8	5.8	5.8	16.7/16.7	3.8	3.8	13.5/13.5	13.5/13.5
	Amps (LRA)	88/88	88/88	88/88	38	38	38	79/79	36.5	36.5	88/88	88/88
Condenser Motor	No.	1	1	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	460	460	208/230	575	575	208/230	208/230
	Phase	1	1	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	1/3	1/3
	Amps (FLA)	1.5	1.5	1.5	1	1	1	1.5	0.8	0.8	1.5	1.5
	Amps (LRA)	3	3	3	1.9	1.9	1.9	3	1.9	1.9	3	3
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	460	460	208/230	575	575	208/230	208/230
	Phase	1	3	3	1	3	3	1	3	3	1	3
	HP	1/2	1/2	3/4	1/2	1/2	3/4	1/2	3/4	3/4	1/2	1/2
	Amps (FLA)	4	2.8	3.4	2	1.4	1.6	4	1.3	1.3	4	2.8
	Amps (LRA)	6.7	11.3	16.8	3.6	6.2	8.4	6.7	6	6	6.7	11.3

1. Horsepower Per Compressor.

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

ELECTRICAL DATA – RLNL SERIES

		-A042CM	-A042DK	-A042DL	-A042DM	-A042JK	-A048CK	-A048CL	-A048CM	-A048DK	-A048DL	-A048DM
Unit Information	Unit Operating Voltage Range	187-253	414-506	414-506	414-506	187-253	187-253	187-253	187-253	414-506	414-506	414-506
	Minimum Circuit Ampacity	22/22	11	10	11	28/28	23/23	22/22	23/23	11	11	11
	Minimum Overcurrent Protection Device Size	30/30	15	15	15	35/35	30/30	25/25	30/30	15	15	15
	Maximum Overcurrent Protection Device Size	35/35	15	15	15	45/45	35/35	35/35	35/35	15	15	15
Compressor Motor	No.	1	1	1	1	1	1	1	1	1	1	1
	Volts	208/230	460	460	460	208/230	208/230	208/230	208/230	460	460	460
	Phase	3	3	3	3	1	3	3	3	3	3	3
	HP	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	4	4	4	4	4	4
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	13.5/13.5	6	6	6	17.9/17.9	13.7/13.7	13.7/13.7	13.7/13.7	6.2	6.2	6.2
	Amps (LRA)	88/88	44	44	44	112/112	83.1/83.1	83.1/83.1	83.1/83.1	41	41	41
Condenser Motor	No.	1	1	1	1	1	1	1	1	1	1	1
	Volts	208/230	460	460	460	208/230	208/230	208/230	208/230	460	460	460
	Phase	1	1	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	1/3	1/3
	Amps (FLA)	1.5	1	1	1	1.5	1.5	1.5	1.5	1	1	1
	Amps (LRA)	3	1.9	1.9	1.9	3	3	3	3	1.9	1.9	1.9
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1	1	1
	Volts	208/230	460	460	460	208/230	208/230	208/230	208/230	460	460	460
	Phase	3	1	3	3	1	1	3	3	1	3	3
	HP	3/4	1/2	1/2	3/4	1/2	1/2	1/2	3/4	1/2	1/2	3/4
	Amps (FLA)	3.4	2	1.4	1.6	4	4	2.8	3.4	2	1.4	1.6
	Amps (LRA)	16.8	3.6	6.2	8.4	6.7	6.7	11.3	16.8	3.6	6.2	8.4

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

ELECTRICAL DATA – RLNL SERIES													
		-A048JK	-A048YL	-A048YM	-A060CK	-A060CL	-A060CM	-A060DK	-A060DL	-A060DM	-A060JK	-A060YL	-A060YM
Unit Information	Unit Operating Voltage Range	187-253	517-633	517-633	187-253	187-253	187-253	414-506	414-506	414-506	187-253	517-633	517-633
	Minimum Circuit Ampacity	33/33	9	9	30/30	26/26	26/26	15	13	13	43/43	10	10
	Minimum Overcurrent Protection Device Size	40/40	15	15	35/35	30/30	30/30	20	15	15	50/50	15	15
	Maximum Overcurrent Protection Device Size	50/50	15	15	40/40	40/40	40/40	20	20	20	60/60	15	15
Compressor Motor	No.	1	1	1	1	1	1	1	1	1	1	1	1
	Volts	208/230	575	575	208/230	208/230	208/230	460	460	460	208/230	575	575
	Phase	1	3	3	3	3	3	3	3	3	1	3	3
	HP	4	4	4	5	5	5	5	5	5	5	5	5
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	21.8/21.8	4.8	4.8	15.6/15.6	15.6/15.6	15.6/15.6	7.8	7.8	7.8	26.3/26.3	5.8	5.8
	Amps (LRA)	117/117	33	33	110/110	110/110	110/110	52	52	52	134/134	38.9	38.9
Condenser Motor	No.	1	1	1	1	1	1	1	1	1	1	1	1
	Volts	208/230	575	575	208/230	208/230	208/230	460	460	460	208/230	575	575
	Phase	1	1	1	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	1/3	1/3	1/3
	Amps (FLA)	1.5	0.8	0.8	2.2	2.2	2.2	1	1	1	2.2	0.8	0.8
	Amps (LRA)	3	1.9	1.9	4.9	4.9	4.9	1.9	1.9	1.9	4.9	1.9	1.9
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1	1	1	1
	Volts	208/230	575	575	208/230	208/230	208/230	460	460	460	208/230	575	575
	Phase	1	3	3	1	3	3	1	3	3	1	3	3
	HP	1/2	3/4	3/4	1	3/4	1	1	3/4	1	1	3/4	1
	Amps (FLA)	4	1.3	1.3	7.6	3.4	3.8	4	1.6	1.9	7.6	1.3	1.4
	Amps (LRA)	6.7	6	6	0	16.8	24	0	8.4	12	0	6	7.2

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

ELECTRICAL DATA – RLPL SERIES

		-A036CK	-A036CL	-A036CM	-A036DK	-A036DL	-A036DM	-A036JK	-A042CK	-A042CL
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	414-506	414-506	414-506	187-253	187-253	187-253
	Minimum Circuit Ampacity	19/19	18/18	18/18	11	10	10	27/27	25/25	22/22
	Minimum Overcurrent Protection Device Size	25/25	20/20	25/25	15	15	15	35/35	30/30	25/25
	Maximum Overcurrent Protection Device Size	25/25	25/25	25/25	15	15	15	40/40	35/35	30/30
Compressor Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	460	460	208/230	208/230	208/230
	Phase	3	3	3	3	3	3	1	3	3
	HP	3	3	3	3	3	3	3	3 1/2	3 1/2
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	10.4/10.4	10.4/10.4	10.4/10.4	5.8	5.8	5.8	16.7/16.7	13.5/13.5	13.5/13.5
	Amps (LRA)	88/88	88/88	88/88	38	38	38	79/79	88/88	88/88
Condenser Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	460	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)	1.5	1.5	1.5	1	1	1	1.5	1.5	1.5
	Amps (LRA)	3	3	3	1.9	1.9	1.9	3	3	3
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	460	460	460	208/230	208/230	208/230
	Phase	1	3	3	1	3	3	1	1	3
	HP	1/2	1/2	3/4	1/2	1/2	3/4	1/2	3/4	1/2
	Amps (FLA)	4.1	2.8	3.4	2.1	1.4	1.6	4.1	6	2.8
	Amps (LRA)	0	11.3	16.8	0	6.2	8.4	0	0	11.3

1. Horsepower Per Compressor.

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

ELECTRICAL DATA – RLPL SERIES										
		-A042CM	-A042DK	-A042DL	-A042DM	-A042JK	-A048CK	-A048CL	-A048CM	-A048DK
Unit Information	Unit Operating Voltage Range	187-253	414-506	414-506	414-506	187-253	187-253	187-253	187-253	414-506
	Minimum Circuit Ampacity	22/22	12	10	11	30/30	25/25	22/22	23/23	12
	Minimum Overcurrent Protection Device Size	30/30	15	15	15	35/35	30/30	25/25	30/30	15
	Maximum Overcurrent Protection Device Size	35/35	15	15	15	45/45	35/35	35/35	35/35	15
Compressor Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	460	460	460	208/230	208/230	208/230	208/230	460
	Phase	3	3	3	3	1	3	3	3	3
	HP	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	4	4	4	4
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	13.5/13.5	6	6	6	17.9/17.9	13.7/13.7	13.7/13.7	13.7/13.7	6.2
	Amps (LRA)	88/88	44	44	44	112/112	83.1/83.1	83.1/83.1	83.1/83.1	41
Condenser Motor	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	460	460	460	208/230	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
	Amps (FLA)	1.5	1	1	1	1.5	1.5	1.5	1.5	1
	Amps (LRA)	3	1.9	1.9	1.9	3	3	3	3	1.9
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1
	Volts	208/230	460	460	460	208/230	208/230	208/230	208/230	460
	Phase	3	1	3	3	1	1	3	3	1
	HP	3/4	3/4	1/2	3/4	3/4	3/4	1/2	3/4	3/4
	Amps (FLA)	3.4	3.2	1.4	1.6	6	6	2.8	3.4	3.2
	Amps (LRA)	16.8	0	6.2	8.4	0	0	11.3	16.8	0

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

ELECTRICAL DATA – RLPL SERIES

		-A048DL	-A048DM	-A048JK	-A060CK	-A060CL	-A060CM	-A060DK	-A060DL	-A060DM	-A060JK
Unit Information	Unit Operating Voltage Range	414-506	414-506	187-253	187-253	187-253	187-253	414-506	414-506	414-506	187-253
	Minimum Circuit Ampacity	11	11	35/35	30/30	26/26	26/26	15	13	13	43/43
	Minimum Overcurrent Protection Device Size	15	15	45/45	35/35	30/30	35/35	20	15	15	50/50
	Maximum Overcurrent Protection Device Size	15	15	50/50	45/45	40/40	40/40	20	20	20	60/60
Compressor Motor	No.	1	1	1	1	1	1	1	1	1	1
	Volts	460	460	208/230	208/230	208/230	208/230	460	460	460	208/230
	Phase	3	3	1	3	3	3	3	3	3	1
	HP	4	4	4	5	5	5	5	5	5	5
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	6.2	6.2	21.8/21.8	16/16	16/16	16/16	7.8	7.8	7.8	26.4/26.4
	Amps (LRA)	41	41	117/117	110/110	110/110	110/110	52	52	52	134/134
Condenser Motor	No.	1	1	1	1	1	1	1	1	1	1
	Volts	460	460	208/230	208/230	208/230	208/230	460	460	460	208/230
	Phase	1	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	1/3
	Amps (FLA)	1	1	1.5	2.2	2.2	2.2	1	1	1	2.2
	Amps (LRA)	1.9	1.9	3	4.9	4.9	4.9	1.9	1.9	1.9	4.9
Evaporator Fan	No.	1	1	1	1	1	1	1	1	1	1
	Volts	460	460	208/230	208/230	208/230	208/230	460	460	460	208/230
	Phase	3	3	1	1	3	3	1	3	3	1
	HP	1/2	3/4	3/4	1	3/4	1	1	3/4	1	1
	Amps (FLA)	1.4	1.6	6	7.6	3.4	3.8	4	1.6	1.9	7.6
	Amps (LRA)	6.2	8.4	0	0	16.8	24	0	8.4	12	0

1. Horsepower Per Compressor.

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



208/240 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION													
Single Power Supply for Both Unit and Heater Kit							Separate Power Supply for Both Unit and Heater Kit						
Model No. RLNL-	RXJJ- Heater Kit Nominal kW	No. of Sequence Steps	Rated Heater kW @ 208/240V	Heater KBTU/Hr @ 208/240V	Heater Amp. @ 208/240V	Air Conditioner			Heater Kit			Over Current Protective Device Size	
						Unit Min. Ckt. Ampacity @ 208/240V	Min./Max 208V	Min./Max. 240V	Min. Ckt. Ampacity 208/240V	Max. Fuse Size 208/240V	Min. Circuit Ampacity 208/240V	Min./Max. 208V	Min./Max. 240V
A036CK	No Heat	—	—	—	—	19/19	25/25	25/25	—	—	19/19	25/25	25/25
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	20/22	25/25	25/25	15/17	15/20	19/19	25/25	25/25
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	30/34	30/30	35/35	25/29	25/30	19/19	25/25	25/25
	A12C	1	8.4/11.2	28.66/38.21	23.4/27	35/39	35/35	40/40	30/34	30/35	19/19	25/25	25/25
	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	43/49	45/45	50/50	38/44	40/45	19/19	25/25	25/25
A042CK	A20C	1	14.4/19.2	49.13/65.5	40/46.3	55/63	60/60	70/70	50/58	50/60	19/19	25/25	25/25
	No Heat	—	—	—	—	23/23	30/35	30/35	—	—	23/23	30/35	30/35
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	23/23	30/35	30/35	15/17	15/20	23/23	30/35	30/35
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	30/34	30/35	35/35	25/29	25/30	23/23	30/35	30/35
	A12C	1	8.4/11.2	28.66/38.21	23.4/27	35/39	35/35	40/40	30/34	30/35	23/23	30/35	30/35
A048CK	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	43/49	45/45	50/50	38/44	40/45	23/23	30/35	30/35
	A20C	1	14.4/19.2	49.13/65.5	40/46.3	55/63	60/60	70/70	50/58	50/60	23/23	30/35	30/35
	No Heat	—	—	—	—	23/23	30/35	30/35	—	—	23/23	30/35	30/35
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	23/23	30/35	30/35	15/17	15/20	23/23	30/35	30/35
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	30/34	30/35	35/35	25/29	25/30	23/23	30/35	30/35
A060CK	A12C	1	8.4/11.2	28.66/38.21	23.4/27	35/39	35/35	40/40	30/34	30/35	23/23	30/35	30/35
	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	43/49	45/45	50/50	38/44	40/45	23/23	30/35	30/35
	A20C	1	14.4/19.2	49.13/65.5	40/46.3	55/63	60/60	70/70	50/58	50/60	23/23	30/35	30/35
	No Heat	—	—	—	—	30/30	35/40	35/40	—	—	30/30	35/40	35/40
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	30/30	35/40	35/40	15/17	15/20	30/30	35/40	35/40
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	35/39	35/40	40/40	25/29	25/30	30/30	35/40	35/40
	A12C	1	8.4/11.2	28.66/38.21	23.4/27	39/44	40/40	45/45	30/34	30/35	30/30	35/40	35/40
	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	48/53	50/50	60/60	38/44	40/45	30/30	35/40	35/40
	A20C	1	14.4/19.2	49.13/65.5	40/46.3	60/68	60/60	70/70	50/58	50/60	30/30	35/40	35/40



208/240 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION														
Single Power Supply for Both Unit and Heater Kit							Separate Power Supply for Both Unit and Heater Kit							
Model No. RLNL-	RXJJ-Heater Kit Nominal kW	No. of Sequence Steps	Rated Heater kW @ 208/240V	Heater KBTU/Hr @ 208/240V	Heater Amp. @ 208/240V	Air Conditioner				Heater Kit			Air Conditioner	
						Unit Min. Ckt. Ampacity @ 208/240V	Min./Max 208V	Over Current Protective Device Size 240V	Min. Ckt. Ampacity 208/240V	Max. Fuse Size 208/240V	Min. Circuit Ampacity 208/240V	Over Current Protective Device Size Min./Max. 208V	Min./Max. 240V	
A036CL	No Heat	—	—	—	—	18/18	20/25	20/25	—	—	18/18	20/25	20/25	
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	19/21	20/25	25/25	15/17	15/20	18/18	20/25	20/25	
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	29/33	30/30	35/35	25/29	25/30	18/18	20/25	20/25	
	A12C	1	8.4/11.2	28.66/38.21	23.4/27	33/38	35/35	40/40	30/34	30/35	18/18	20/25	20/25	
	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	42/47	45/45	50/50	38/44	40/45	18/18	20/25	20/25	
A042CL	A20C	1	14.4/19.2	49.13/65.5	40/46.3	54/62	60/60	70/70	50/58	50/60	18/18	20/25	20/25	
	No Heat	—	—	—	—	22/22	25/30	25/30	—	—	22/22	25/30	25/30	
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	22/22	25/30	25/30	15/17	15/20	22/22	25/30	25/30	
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	29/33	30/30	35/35	25/29	25/30	22/22	25/30	25/30	
	A12C	1	8.4/11.2	28.66/38.21	23.4/27	33/38	35/35	40/40	30/34	30/35	22/22	25/30	25/30	
A048CL	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	42/47	45/45	50/50	38/44	40/45	22/22	25/30	25/30	
	A20C	1	14.4/19.2	49.13/65.5	40/46.3	54/62	60/60	70/70	50/58	50/60	22/22	25/30	25/30	
	No Heat	—	—	—	—	22/22	25/35	25/35	—	—	22/22	25/35	25/35	
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	22/22	25/35	25/35	15/17	15/20	22/22	25/35	25/35	
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	29/33	30/35	35/35	25/29	25/30	22/22	25/35	25/35	
A060CL	A12C	1	8.4/11.2	28.66/38.21	23.4/27	33/38	35/35	40/40	30/34	30/35	22/22	25/35	25/35	
	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	42/47	45/45	50/50	38/44	40/45	22/22	25/35	25/35	
	A20C	1	14.4/19.2	49.13/65.5	40/46.3	54/62	60/60	70/70	50/58	50/60	22/22	25/35	25/35	
	No Heat	—	—	—	—	26/26	30/40	30/40	—	—	26/26	30/40	30/40	
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	26/26	30/40	30/40	15/17	15/20	26/26	30/40	30/40	
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	30/34	30/40	35/40	25/29	25/30	26/26	30/40	30/40	
	A12C	1	8.4/11.2	28.66/38.21	23.4/27	34/39	35/40	40/40	30/34	30/35	26/26	30/40	30/40	
	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	42/48	45/45	50/50	38/44	40/45	26/26	30/40	30/40	
	A20C	1	14.4/19.2	49.13/65.5	40/46.3	55/63	60/60	70/70	50/58	50/60	26/26	30/40	30/40	
	A24C	1	18/24	61.41/81.88	50/57.7	67/77	70/70	80/80	63/73	70/80	26/26	30/40	30/40	



208/240 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION													
Single Power Supply for Both Unit and Heater Kit							Separate Power Supply for Both Unit and Heater Kit						
Model No. RLNL -	Heater Kit			Air Conditioner				Heater Kit			Air Conditioner		
	RXJJ-Heater Kit Nominal kW	No. of Sequence Steps	Rated Heater kW @ 208/240V	Heater KBTU/Hr @ 208/240V	Heater Amp. @ 208/240V	Unit Min. Ckt. Ampacity @ 208/240V	Over Current Protective Device Size		Min. Ckt. Ampacity 208/240V	Max. Fuse Size 208/240V	Min. Circuit Ampacity 208/240V	Over Current Protective Device Size	
							Min./Max 208V	Min./Max. 240V				Min./Max. 208V	Min./Max. 240V
A036CM	No Heat	—	—	—	—	18/18	25/25	25/25	—	—	18/18	25/25	25/25
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	19/22	25/25	25/25	15/17	15/20	18/18	25/25	25/25
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	30/34	30/30	35/35	25/29	25/30	18/18	25/25	25/25
	A12C	1	8.4/11.2	28.66/38.21	23.4/27	34/39	35/35	40/40	30/34	30/35	18/18	25/25	25/25
	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	42/48	45/45	50/50	38/44	40/45	18/18	25/25	25/25
A042CM	A20C	1	14.4/19.2	49.13/65.5	40/46.3	55/63	60/60	70/70	50/58	50/60	18/18	25/25	25/25
	No Heat	—	—	—	—	22/22	30/35	30/35	—	—	22/22	30/35	30/35
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	22/22	30/35	30/35	15/17	15/20	22/22	30/35	30/35
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	30/34	30/35	35/35	25/29	25/30	22/22	30/35	30/35
	A12C	1	8.4/11.2	28.66/38.21	23.4/27	34/39	35/35	40/40	30/34	30/35	22/22	30/35	30/35
A048CM	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	42/48	45/45	50/50	38/44	40/45	22/22	30/35	30/35
	A20C	1	14.4/19.2	49.13/65.5	40/46.3	55/63	60/60	70/70	50/58	50/60	22/22	30/35	30/35
	No Heat	—	—	—	—	23/23	30/35	30/35	—	—	23/23	30/35	30/35
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	23/23	30/35	30/35	15/17	15/20	23/23	30/35	30/35
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	30/34	30/35	35/35	25/29	25/30	23/23	30/35	30/35
A060CM	A12C	1	8.4/11.2	28.66/38.21	23.4/27	34/39	35/35	40/40	30/34	30/35	23/23	30/35	30/35
	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	42/48	45/45	50/50	38/44	40/45	23/23	30/35	30/35
	A20C	1	14.4/19.2	49.13/65.5	40/46.3	55/63	60/60	70/70	50/58	50/60	23/23	30/35	30/35
	No Heat	—	—	—	—	26/26	30/40	30/40	—	—	26/26	30/40	30/40
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	26/26	30/40	30/40	15/17	15/20	26/26	30/40	30/40
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	30/34	30/40	35/40	25/29	25/30	26/26	30/40	30/40
	A12C	1	8.4/11.2	28.66/38.21	23.4/27	34/39	35/40	40/40	30/34	30/35	26/26	30/40	30/40
	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	43/49	45/45	50/50	38/44	40/45	26/26	30/40	30/40
	A20C	1	14.4/19.2	49.13/65.5	40/46.3	55/63	60/60	70/70	50/58	50/60	26/26	30/40	30/40
	A24C	1	18/24	61.41/81.88	50/57.7	68/77	70/70	80/80	63/73	70/80	26/26	30/40	30/40

480 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION														
Single Power Supply for Both Unit and Heater Kit					Separate Power Supply for Both Unit and Heater Kit									
Model No. RLNL-	Heater Kit				Air Conditioner					Heater Kit				
	RXJJ-Heater Kit Nominal kW	No. of Sequence Steps	Rated Heater kW @ 480V	Heater KBTU/Hr @ 480V	Heater Amp. @ 480V	Unit Min. Ckt. Ampacity @ 480V	Over Current Protective Device Size			Min. Ckt. Ampacity 480V	Max. Fuse Size 480V	Min. Circuit Ampacity 480V	Over Current Protective Device Size	
							Min./Max. 480V	Min./Max. 480V	Min./Max. 480V				Min./Max. 480V	Min./Max. 480V
A036DK	No Heat	—	—	—	—	11	15/15	—	—	—	—	11	15/15	—
	A06D	1	5.6	19.1	6.7	11	15/15	—	9	15	15	11/0	15/15	0/0
	A10D	1	9.6	32.75	11.6	18	20/20	—	15	15	15	11/0	15/15	0/0
	A12D	1	11.2	38.21	13.5	20	20/20	—	17	20	20	11/0	15/15	0/0
	A15D	1	14.4	49.13	17.4	25	25/25	—	22	25	25	11/0	15/15	0/0
A042DK	A20D	1	19.2	65.5	23.3	32	35/35	—	30	30	30	11/0	15/15	0/0
	No Heat	—	—	—	—	11	15/15	—	—	—	—	11	15/15	—
	A06D	1	5.6	19.1	6.7	11	15/15	—	9	15	15	11/0	15/15	0/0
	A10D	1	9.6	32.75	11.6	18	20/20	—	15	15	15	11/0	15/15	0/0
	A12D	1	11.2	38.21	13.5	20	20/20	—	17	20	20	11/0	15/15	0/0
A048DK	A15D	1	14.4	49.13	17.4	25	25/25	—	22	25	25	11/0	15/15	0/0
	A20D	1	19.2	65.5	23.3	32	35/35	—	30	30	30	11/0	15/15	0/0
	No Heat	—	—	—	—	11	15/15	—	—	—	—	11	15/15	—
	A06D	1	5.6	19.1	6.7	11	15/15	—	9	15	15	11/0	15/15	0/0
	A10D	1	9.6	32.75	11.6	18	20/20	—	15	15	15	11/0	15/15	0/0
A060DK	A12D	1	11.2	38.21	13.5	20	20/20	—	17	20	20	11/0	15/15	0/0
	A15D	1	14.4	49.13	17.4	25	25/25	—	22	25	25	11/0	15/15	0/0
	A20D	1	19.2	65.5	23.3	32	35/35	—	30	30	30	11/0	15/15	0/0
	No Heat	—	—	—	—	15	20/20	—	—	—	—	15	20/20	—
	A06D	1	5.6	19.1	6.7	15	20/20	—	9	15	15	15/0	20/20	0/0
	A10D	1	9.6	32.75	11.6	20	20/20	—	15	15	15	15/0	20/20	0/0
	A12D	1	11.2	38.21	13.5	22	25/25	—	17	20	20	15/0	20/20	0/0
	A15D	1	14.4	49.13	17.4	27	30/30	—	22	25	25	15/0	20/20	0/0
	A20D	1	19.2	65.5	23.3	35	35/35	—	30	30	30	15/0	20/20	0/0



Air

Electric Heater Kits
RLNL Series

480 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION															
Single Power Supply for Both Unit and Heater Kit							Separate Power Supply for Both Unit and Heater Kit								
Heater Kit							Air Conditioner				Heater Kit			Air Conditioner	
Model No. RLNL-	RXJJ-Heater Kit Nominal kW	No. of Sequence Steps	Rated Heater kW @ 480V	Heater KBTU/Hr @ 480V	Heater Amp. @ 480V	Unit Min. Ckt. Ampacity @ 480V	Over Current Protective Device Size 480V		Min. Ckt. Ampacity 480V	Max. Fuse Size 480V	Min. Circuit Ampacity 480V	Over Current Protective Device Size 480V			
							Min./Max	Min./Max.				Min./Max.	Min./Max.		
A036DL	No Heat	—	—	—	—	10	15/15	—	—	—	10	15/15	—		
	A06D	1	5.6	19.1	6.7	11	15/15	—	9	15	10/0	15/15	0/0		
	A10D	1	9.6	32.75	11.6	17	20/20	—	15	15	10/0	15/15	0/0		
	A12D	1	11.2	38.21	13.5	19	20/20	—	17	20	10/0	15/15	0/0		
	A15D	1	14.4	49.13	17.4	24	25/25	—	22	25	10/0	15/15	0/0		
A042DL	A20D	1	19.2	65.5	23.3	31	35/35	—	30	30	10/0	15/15	0/0		
	No Heat	—	—	—	—	10	15/15	—	—	—	10	15/15	—		
	A06D	1	5.6	19.1	6.7	11	15/15	—	9	15	10/0	15/15	0/0		
	A10D	1	9.6	32.75	11.6	17	20/20	—	15	15	10/0	15/15	0/0		
	A12D	1	11.2	38.21	13.5	19	20/20	—	17	20	10/0	15/15	0/0		
A048DL	A15D	1	14.4	49.13	17.4	24	25/25	—	22	25	10/0	15/15	0/0		
	A20D	1	19.2	65.5	23.3	31	35/35	—	30	30	10/0	15/15	0/0		
	No Heat	—	—	—	—	11	15/15	—	—	—	11	15/15	—		
	A06D	1	5.6	19.1	6.7	11	15/15	—	9	15	11/0	15/15	0/0		
	A10D	1	9.6	32.75	11.6	17	20/20	—	15	15	11/0	15/15	0/0		
A060DL	A12D	1	11.2	38.21	13.5	19	20/20	—	17	20	11/0	15/15	0/0		
	A15D	1	14.4	49.13	17.4	24	25/25	—	22	25	11/0	15/15	0/0		
	A20D	1	19.2	65.5	23.3	31	35/35	—	30	30	11/0	15/15	0/0		
	No Heat	—	—	—	—	13	15/20	—	—	—	13	15/20	—		
	A06D	1	5.6	19.1	6.7	13	15/20	—	9	15	13/0	15/20	0/0		
	A10D	1	9.6	32.75	11.6	17	20/20	—	15	15	13/0	15/20	0/0		
	A12D	1	11.2	38.21	13.5	19	20/20	—	17	20	13/0	15/20	0/0		
	A15D	1	14.4	49.13	17.4	24	25/25	—	22	25	13/0	15/20	0/0		
	A20D	1	19.2	65.5	23.3	32	35/35	—	30	30	13/0	15/20	0/0		
	A24D	1	24	81.88	28.9	39	40/40	—	37	40	13/0	15/20	0/0		



INTEGRATED AIR & WATER

480 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION														
Single Power Supply for Both Unit and Heater Kit														
Model No. RLNL-	Heater Kit					Air Conditioner					Separate Power Supply for Both Unit and Heater Kit			
	RXJJ-Heater Kit Nominal kW	No. of Sequence Steps	Rated Heater kW @ 480V	Heater KBTU/Hr @ 480V	Heater Amp. @ 480V	Unit Min. Ckt. Ampacity @ 480V	Over Current Protective Device Size			Heater Kit				Air Conditioner
							Min./Max. 480V	Min./Max. 480V	Min./Max. 480V	Min. Ckt. Ampacity 480V	Max. Fuse Size 480V	Min. Circuit Ampacity 480V	Over Current Protective Device Size Min./Max. 480V	
A036DM	No Heat	—	—	—	—	10	15/15	—	—	—	—	10	15/15	—
	A06D	1	5.6	19.1	6.7	11	15/15	—	—	9	15	10/0	15/15	0/0
	A10D	1	9.6	32.75	11.6	17	20/20	—	—	15	15	10/0	15/15	0/0
	A12D	1	11.2	38.21	13.5	19	20/20	—	—	17	20	10/0	15/15	0/0
	A15D	1	14.4	49.13	17.4	24	25/25	—	—	22	25	10/0	15/15	0/0
A042DM	A20D	1	19.2	65.5	23.3	32	35/35	—	—	30	30	10/0	15/15	0/0
	No Heat	—	—	—	—	11	15/15	—	—	—	—	11	15/15	—
	A06D	1	5.6	19.1	6.7	11	15/15	—	—	9	15	11/0	15/15	0/0
	A10D	1	9.6	32.75	11.6	17	20/20	—	—	15	15	11/0	15/15	0/0
	A12D	1	11.2	38.21	13.5	19	20/20	—	—	17	20	11/0	15/15	0/0
A048DM	A15D	1	14.4	49.13	17.4	24	25/25	—	—	22	25	11/0	15/15	0/0
	A20D	1	19.2	65.5	23.3	32	35/35	—	—	30	30	11/0	15/15	0/0
	No Heat	—	—	—	—	11	15/15	—	—	—	—	11	15/15	—
	A06D	1	5.6	19.1	6.7	11	15/15	—	—	9	15	11/0	15/15	0/0
	A10D	1	9.6	32.75	11.6	17	20/20	—	—	15	15	11/0	15/15	0/0
A060DM	A12D	1	11.2	38.21	13.5	19	20/20	—	—	17	20	11/0	15/15	0/0
	A15D	1	14.4	49.13	17.4	24	25/25	—	—	22	25	11/0	15/15	0/0
	A20D	1	19.2	65.5	23.3	32	35/35	—	—	30	30	11/0	15/15	0/0
	No Heat	—	—	—	—	13	15/20	—	—	—	—	13	15/20	—
	A06D	1	5.6	19.1	6.7	13	15/20	—	—	9	15	13/0	15/20	0/0
	A10D	1	9.6	32.75	11.6	17	20/20	—	—	15	15	13/0	15/20	0/0
	A12D	1	11.2	38.21	13.5	20	20/20	—	—	17	20	13/0	15/20	0/0
	A15D	1	14.4	49.13	17.4	25	25/25	—	—	22	25	13/0	15/20	0/0
	A20D	1	19.2	65.5	23.3	32	35/35	—	—	30	30	13/0	15/20	0/0
	A24D	1	24	81.88	28.9	39	40/40	—	—	37	40	13/0	15/20	0/0



208/240 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION														
Single Power Supply for Both Unit and Heater Kit										Separate Power Supply for Both Unit and Heater Kit				
Model No. RLPL-	RXJJ- Heater Kit Nominal kW	No. of Sequence Steps	Rated Heater kW @ 208/240V	Heater KBTU/Hr @ 208/240V	Heater Amp. @ 208/240V	Air Conditioner				Heater Kit		Air Conditioner		
						Unit Min. Ckt. Ampacity @ 208/240V	Over Current Protective Device Size		Min. Circuit Ampacity 208/240V	Max. Fuse Size 208/240V	Min. Ckt. Ampacity 208/240V	Over Current Protective Device Size		Min./Max. 240V
							Min./Max 208V	Min./Max. 240V				Min./Max. 208V	Min./Max. 240V	
A036CK	No Heat	—	—	—	—	19/19	25/25	25/25	19/19	—	—	25/25	25/25	25/25
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	20/22	25/25	25/25	15/17	15/20	15/17	25/25	25/25	25/25
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	31/35	35/35	35/35	25/29	25/30	19/19	25/25	25/25	25/25
	A12C	1	8.4/11.2	28.66/38.21	23.4/27	35/39	35/35	40/40	30/34	30/35	19/19	25/25	25/25	25/25
	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	43/49	45/45	50/50	38/44	40/45	19/19	25/25	25/25	25/25
A042CK	A20C	1	14.4/19.2	49.13/65.5	40/46.3	56/63	60/60	70/70	50/58	50/60	19/19	25/25	25/25	25/25
	No Heat	—	—	—	—	25/25	30/35	30/35	—	—	—	30/35	30/35	30/35
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	25/25	30/35	30/35	15/17	15/20	25/25	30/35	30/35	30/35
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	33/37	35/35	40/40	25/29	25/30	25/25	30/35	30/35	30/35
	A12C	1	8.4/11.2	28.66/38.21	23.4/27	37/42	40/40	45/45	30/34	30/35	25/25	30/35	30/35	30/35
A048CK	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	46/51	50/50	60/60	38/44	40/45	25/25	30/35	30/35	30/35
	A20C	1	14.4/19.2	49.13/65.5	40/46.3	58/66	60/60	70/70	50/58	50/60	25/25	30/35	30/35	30/35
	No Heat	—	—	—	—	25/25	30/35	30/35	—	—	—	30/35	30/35	30/35
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	25/25	30/35	30/35	15/17	15/20	25/25	30/35	30/35	30/35
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	33/37	35/35	40/40	25/29	25/30	25/25	30/35	30/35	30/35
A060CK	A12C	1	8.4/11.2	28.66/38.21	23.4/27	37/42	40/40	45/45	30/34	30/35	25/25	30/35	30/35	30/35
	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	46/51	50/50	60/60	38/44	40/45	25/25	30/35	30/35	30/35
	A20C	1	14.4/19.2	49.13/65.5	40/46.3	58/66	60/60	70/70	50/58	50/60	25/25	30/35	30/35	30/35
	No Heat	—	—	—	—	30/30	35/45	35/45	—	—	30/30	35/45	35/45	35/45
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	30/30	35/45	35/45	15/17	15/20	30/30	35/45	35/45	35/45
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	35/39	35/45	40/45	25/29	25/30	30/30	35/45	35/45	35/45
	A12C	1	8.4/11.2	28.66/38.21	23.4/27	39/44	40/45	45/45	30/34	30/35	30/30	35/45	35/45	35/45
	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	48/53	50/50	60/60	38/44	40/45	30/30	35/45	35/45	35/45
	A20C	1	14.4/19.2	49.13/65.5	40/46.3	60/68	60/60	70/70	50/58	50/60	30/30	35/45	35/45	35/45



Air

Electric Heater Kits
RLPL Series

208/240 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION															
Single Power Supply for Both Unit and Heater Kit						Separate Power Supply for Both Unit and Heater Kit									
Model No. RLPL-	RXJJ- Heater Kit Nominal kW	No. of Sequence Steps	Rated Heater kW @ 208/240V	Heater KBTU/Hr @ 208/240V	Heater Amp. @ 208/240V	Air Conditioner				Heater Kit			Air Conditioner		
						Unit Min. Ckt. Ampacity @ 208/240V	Over Current Protective Device Size		Min. Ckt. Ampacity 208/240V	Max. Fuse Size 208/240V	Min. Circuit Ampacity 208/240V	Over Current Protective Device Size			
							Min./Max. 208V	Min./Max. 240V				Min./Max. 208V	Min./Max. 240V		
A036CL	No Heat	—	—	—	—	18/18	20/25	20/25	—	—	18/18	20/25	20/25	20/25	
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	19/21	20/25	25/25	15/17	15/20	18/18	20/25	20/25	20/25	
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	29/33	30/30	35/35	25/29	25/30	18/18	20/25	20/25	20/25	
	A12C	1	8.4/11.2	28.66/38.21	23.4/27	33/38	35/35	40/40	30/34	30/35	18/18	20/25	20/25	20/25	
	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	42/47	45/45	50/50	38/44	40/45	18/18	20/25	20/25	20/25	
A20C	1	14.4/19.2	49.13/65.5	40/46.3	54/62	60/60	70/70	50/58	50/60	18/18	20/25	20/25	20/25		
A042CL	No Heat	—	—	—	—	22/22	25/30	25/30	—	—	22/22	25/30	25/30	25/30	
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	22/22	25/30	25/30	15/17	15/20	22/22	25/30	25/30	25/30	
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	29/33	30/30	35/35	25/29	25/30	22/22	25/30	25/30	25/30	
	A12C	1	8.4/11.2	28.66/38.21	23.4/27	33/38	35/35	40/40	30/34	30/35	22/22	25/30	25/30	25/30	
	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	42/47	45/45	50/50	38/44	40/45	22/22	25/30	25/30	25/30	
A20C	1	14.4/19.2	49.13/65.5	40/46.3	54/62	60/60	70/70	50/58	50/60	22/22	25/30	25/30	25/30		
A048CL	No Heat	—	—	—	—	22/22	25/35	25/35	—	—	22/22	25/35	25/35	25/35	
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	22/22	25/35	25/35	15/17	15/20	22/22	25/35	25/35	25/35	
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	29/33	30/35	35/35	25/29	25/30	22/22	25/35	25/35	25/35	
	A12C	1	8.4/11.2	28.66/38.21	23.4/27	33/38	35/35	40/40	30/34	30/35	22/22	25/35	25/35	25/35	
	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	42/47	45/45	50/50	38/44	40/45	22/22	25/35	25/35	25/35	
A20C	1	14.4/19.2	49.13/65.5	40/46.3	54/62	60/60	70/70	50/58	50/60	22/22	25/35	25/35	25/35		
A060CL	No Heat	—	—	—	—	26/26	30/40	30/40	—	—	26/26	30/40	30/40	30/40	
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	26/26	30/40	30/40	15/17	15/20	26/26	30/40	30/40	30/40	
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	30/34	30/40	35/40	25/29	25/30	26/26	30/40	30/40	30/40	
	A12C	1	8.4/11.2	28.66/38.21	23.4/27	34/39	35/40	40/40	30/34	30/35	26/26	30/40	30/40	30/40	
	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	42/48	45/45	50/50	38/44	40/45	26/26	30/40	30/40	30/40	
A20C	1	14.4/19.2	49.13/65.5	40/46.3	55/63	60/60	70/70	50/58	50/60	26/26	30/40	30/40	30/40		



INTEGRATED AIR & WATER



208/240 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION													
Single Power Supply for Both Unit and Heater Kit							Separate Power Supply for Both Unit and Heater Kit						
Model No. RLPL -	RXJJ- Heater Kit Nominal kW	No. of Sequence Steps	Rated Heater kW @ 208/240V	Heater KBTU/Hr @ 208/240V	Heater Amp. @ 208/240V	Air Conditioner			Heater Kit		Air Conditioner		
						Unit Min. Ckt. Ampacity @ 208/240V	Over Current Protective Device Size Min./Max 208V	Min./Max. 240V	Min. Ckt. Ampacity 208/240V	Max. Fuse Size 208/240V	Min. Circuit Ampacity 208/240V	Over Current Protective Device Size Min./Max. 208V	Min./Max. 240V
A036CM	No Heat	—	—	—	—	18/18	25/25	25/25	—	—	18/18	25/25	25/25
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	19/22	25/25	25/25	15/17	15/20	18/18	25/25	25/25
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	30/34	30/30	35/35	25/29	25/30	18/18	25/25	25/25
	A12C	1	8.4/11.2	28.66/38.21	23.4/27	34/39	35/35	40/40	30/34	30/35	18/18	25/25	25/25
	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	42/48	45/45	50/50	38/44	40/45	18/18	25/25	25/25
A042CM	A20C	1	14.4/19.2	49.13/65.5	40/46.3	55/63	60/60	70/70	50/58	50/60	18/18	25/25	25/25
	No Heat	—	—	—	—	22/22	30/35	30/35	—	—	22/22	30/35	30/35
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	22/22	30/35	30/35	15/17	15/20	22/22	30/35	30/35
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	30/34	30/35	35/35	25/29	25/30	22/22	30/35	30/35
	A12C	1	8.4/11.2	28.66/38.21	23.4/27	34/39	35/35	40/40	30/34	30/35	22/22	30/35	30/35
A048CM	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	42/48	45/45	50/50	38/44	40/45	22/22	30/35	30/35
	A20C	1	14.4/19.2	49.13/65.5	40/46.3	55/63	60/60	70/70	50/58	50/60	22/22	30/35	30/35
	No Heat	—	—	—	—	23/23	30/35	30/35	—	—	23/23	30/35	30/35
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	23/23	30/35	30/35	15/17	15/20	23/23	30/35	30/35
	A10C	1	7.2/9.6	24.56/32.75	20/23.1	30/34	30/35	35/35	25/29	25/30	23/23	30/35	30/35
A060CM	A12C	1	8.4/11.2	28.66/38.21	23.4/27	34/39	35/35	40/40	30/34	30/35	23/23	30/35	30/35
	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	42/48	45/45	50/50	38/44	40/45	23/23	30/35	30/35
	A20C	1	14.4/19.2	49.13/65.5	40/46.3	55/63	60/60	70/70	50/58	50/60	23/23	30/35	30/35
	No Heat	—	—	—	—	26/26	35/40	35/40	—	—	26/26	35/40	35/40
	A06C	1	4.2/5.6	14.33/19.1	11.7/13.5	26/26	35/40	35/40	15/17	15/20	26/26	35/40	35/40
A060CM	A10C	1	7.2/9.6	24.56/32.75	20/23.1	30/34	35/40	35/40	25/29	25/30	26/26	35/40	35/40
	A12C	1	8.4/11.2	28.66/38.21	23.4/27	34/39	35/40	40/40	30/34	30/35	26/26	35/40	35/40
	A15C	1	10.8/14.4	36.84/49.13	30.1/34.7	43/49	45/45	50/50	38/44	40/45	26/26	35/40	35/40
	A20C	1	14.4/19.2	49.13/65.5	40/46.3	55/63	60/60	70/70	50/58	50/60	26/26	35/40	35/40
	A24C	1	18/24	61.41/81.88	50/57.7	68/77	70/70	80/80	63/73	70/80	26/26	35/40	35/40



Air

Electric Heater Kits
RLPL Series

480 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION														
Single Power Supply for Both Unit and Heater Kit							Separate Power Supply for Both Unit and Heater Kit							
Model No. RLPL -	RXJJ- Heater Kit Nominal kW	No. of Sequence Steps	Rated Heater kW @ 480V	Heater KBTU/Hr @ 480V	Heater Amp. @ 480V	Unit Min. Ckt. Ampacity @ 480V	Air Conditioner		Heater Kit			Air Conditioner		
							Over Current Protective Device Size		Min. Ckt. Ampacity 480V	Max. Fuse Size 480V	Min. Circuit Ampacity 480V	Over Current Protective Device Size		
							Min./Max. 480V	Min./Max. 480V				Min./Max. 480V	Min./Max. 480V	
A036DK	No Heat	—	—	—	—	11	15/15	—	—	—	—	11	15/15	—
	A06D	1	5.6	19.1	6.7	11	15/15	—	9	15	15/15	11/0	15/15	0/0
	A10D	1	9.6	32.75	11.6	18	20/20	—	15	15	15/15	11/0	15/15	0/0
	A12D	1	11.2	38.21	13.5	20	20/20	—	17	20	15/15	11/0	15/15	0/0
	A15D	1	14.4	49.13	17.4	25	25/25	—	22	25	15/15	11/0	15/15	0/0
A042DK	A20D	1	19.2	65.5	23.3	32	35/35	—	30	30	15/15	11/0	15/15	0/0
	No Heat	—	—	—	—	12	15/15	—	—	—	—	12	15/15	—
	A06D	1	5.6	19.1	6.7	13	15/15	—	9	15	15/15	12/0	15/15	0/0
	A10D	1	9.6	32.75	11.6	19	20/20	—	15	15	15/15	12/0	15/15	0/0
	A12D	1	11.2	38.21	13.5	21	25/25	—	17	20	15/15	12/0	15/15	0/0
A048DK	A15D	1	14.4	49.13	17.4	26	30/30	—	22	25	15/15	12/0	15/15	0/0
	A20D	1	19.2	65.5	23.3	34	35/35	—	30	30	15/15	12/0	15/15	0/0
	No Heat	—	—	—	—	12	15/15	—	—	—	—	12	15/15	—
	A06D	1	5.6	19.1	6.7	13	15/15	—	9	15	15/15	12/0	15/15	0/0
	A10D	1	9.6	32.75	11.6	19	20/20	—	15	15	15/15	12/0	15/15	0/0
A060DK	A12D	1	11.2	38.21	13.5	21	25/25	—	17	20	15/15	12/0	15/15	0/0
	A15D	1	14.4	49.13	17.4	26	30/30	—	22	25	15/15	12/0	15/15	0/0
	A20D	1	19.2	65.5	23.3	34	35/35	—	30	30	15/15	12/0	15/15	0/0
	No Heat	—	—	—	—	15	20/20	—	—	—	—	15	20/20	—
	A06D	1	5.6	19.1	6.7	15	20/20	—	9	15	20/20	15/0	20/20	0/0
	A10D	1	9.6	32.75	11.6	20	20/20	—	15	15	20/20	15/0	20/20	0/0
	A12D	1	11.2	38.21	13.5	22	25/25	—	17	20	20/20	15/0	20/20	0/0
	A15D	1	14.4	49.13	17.4	27	30/30	—	22	25	20/20	15/0	20/20	0/0
	A20D	1	19.2	65.5	23.3	35	35/35	—	30	30	20/20	15/0	20/20	0/0



INTEGRATED AIR & WATER

480 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION														
Separate Power Supply for Both Unit and Heater Kit														
Model No. RLPL-	Heater Kit					Air Conditioner					Heater Kit			
	RXJJ-Heater Kit Nominal kW	No. of Sequence Steps	Rated Heater kW @ 480V	Heater KBTU/Hr @ 480V	Heater Amp. @ 480V	Unit Min. Ckt. Ampacity @ 480V	Over Current Protective Device Size		Min. Circuit Ampacity 480V	Over Current Protective Device Size		Min. Ckt. Ampacity 480V	Max. Fuse Size 480V	Min. Ckt. Ampacity 480V
							Min./Max	480V		Min./Max	480V			
A036DL	No Heat	—	—	—	—	10	15/15	—	—	—	—	10	—	—
	A06D	1	5.6	19.1	6.7	11	15/15	—	—	—	—	10/0	15/15	15/15
	A10D	1	9.6	32.75	11.6	17	20/20	—	—	—	—	10/0	15/15	15/15
	A12D	1	11.2	38.21	13.5	19	20/20	—	—	—	—	10/0	15/15	15/15
	A15D	1	14.4	49.13	17.4	24	25/25	—	—	—	—	10/0	15/15	15/15
A042DL	A20D	1	19.2	65.5	23.3	31	35/35	—	—	—	—	10/0	15/15	15/15
	No Heat	—	—	—	—	10	15/15	—	—	—	—	10	—	—
	A06D	1	5.6	19.1	6.7	11	15/15	—	—	—	—	10/0	15/15	15/15
	A10D	1	9.6	32.75	11.6	17	20/20	—	—	—	—	10/0	15/15	15/15
	A12D	1	11.2	38.21	13.5	19	20/20	—	—	—	—	10/0	15/15	15/15
A048DL	A15D	1	14.4	49.13	17.4	24	25/25	—	—	—	—	10/0	15/15	15/15
	A20D	1	19.2	65.5	23.3	31	35/35	—	—	—	—	10/0	15/15	15/15
	No Heat	—	—	—	—	11	15/15	—	—	—	—	11	—	—
	A06D	1	5.6	19.1	6.7	11	15/15	—	—	—	—	11/0	15/15	15/15
	A10D	1	9.6	32.75	11.6	17	20/20	—	—	—	—	11/0	15/15	15/15
A060DL	A12D	1	11.2	38.21	13.5	19	20/20	—	—	—	—	11/0	15/15	15/15
	A15D	1	14.4	49.13	17.4	24	25/25	—	—	—	—	11/0	15/15	15/15
	A20D	1	19.2	65.5	23.3	31	35/35	—	—	—	—	11/0	15/15	15/15
	No Heat	—	—	—	—	13	15/20	—	—	—	—	13	15/20	15/20
	A06D	1	5.6	19.1	6.7	13	15/20	—	—	—	—	13/0	15/20	15/20
	A10D	1	9.6	32.75	11.6	17	20/20	—	—	—	—	13/0	15/20	15/20
	A12D	1	11.2	38.21	13.5	19	20/20	—	—	—	—	13/0	15/20	15/20
	A15D	1	14.4	49.13	17.4	24	25/25	—	—	—	—	13/0	15/20	15/20
	A20D	1	19.2	65.5	23.3	32	35/35	—	—	—	—	13/0	15/20	15/20
	A24D	1	24	81.88	28.9	39	40/40	—	—	—	—	13/0	15/20	15/20



Air

Electric Heater Kits
RLPL Series

480 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION														
Single Power Supply for Both Unit and Heater Kit														
Model No. RLPL-	RXJJ- Heater Kit Nominal kW	No. of Sequence Steps	Rated Heater kW @ 480V	Heater KBTU/Hr @ 480V	Heater Amp. @ 480V	Air Conditioner				Heater Kit		Air Conditioner		
						Unit Min. Ckt. Ampacity @ 480V	Over Current Protective Device Size		Min. Ckt. Ampacity 480V	Max. Fuse Size 480V	Min. Circuit Ampacity 480V	Over Current Protective Device Size		Min./Max. 480V
							Min./Max 480V	Min./Max. 480V				Min./Max. 480V	Min./Max. 480V	
A036DM	No Heat	—	—	—	—	10	15/15	—	—	—	10	15/15	—	—
	A06D	1	5.6	19.1	6.7	11	15/15	—	—	15	10/0	15/15	0/0	0/0
	A10D	1	9.6	32.75	11.6	17	20/20	—	—	15	10/0	15/15	0/0	0/0
	A12D	1	11.2	38.21	13.5	19	20/20	—	—	17	10/0	15/15	0/0	0/0
	A15D	1	14.4	49.13	17.4	24	25/25	—	—	22	10/0	15/15	0/0	0/0
A042DM	A20D	1	19.2	65.5	23.3	32	35/35	—	—	30	10/0	15/15	0/0	0/0
	No Heat	—	—	—	—	11	15/15	—	—	—	11	15/15	—	—
	A06D	1	5.6	19.1	6.7	11	15/15	—	—	15	11/0	15/15	0/0	0/0
	A10D	1	9.6	32.75	11.6	17	20/20	—	—	15	11/0	15/15	0/0	0/0
	A12D	1	11.2	38.21	13.5	19	20/20	—	—	17	11/0	15/15	0/0	0/0
A048DM	A15D	1	14.4	49.13	17.4	24	25/25	—	—	22	11/0	15/15	0/0	0/0
	A20D	1	19.2	65.5	23.3	32	35/35	—	—	30	11/0	15/15	0/0	0/0
	No Heat	—	—	—	—	11	15/15	—	—	—	11	15/15	—	—
	A06D	1	5.6	19.1	6.7	11	15/15	—	—	15	11/0	15/15	0/0	0/0
	A10D	1	9.6	32.75	11.6	17	20/20	—	—	15	11/0	15/15	0/0	0/0
A060DM	A12D	1	11.2	38.21	13.5	19	20/20	—	—	17	11/0	15/15	0/0	0/0
	A15D	1	14.4	49.13	17.4	24	25/25	—	—	22	11/0	15/15	0/0	0/0
	A20D	1	19.2	65.5	23.3	32	35/35	—	—	30	11/0	15/15	0/0	0/0
	No Heat	—	—	—	—	13	15/20	—	—	—	13	15/20	—	—
	A06D	1	5.6	19.1	6.7	13	15/20	—	—	15	13/0	15/20	0/0	0/0
A060DM	A10D	1	9.6	32.75	11.6	17	20/20	—	—	15	13/0	15/20	0/0	0/0
	A12D	1	11.2	38.21	13.5	20	20/20	—	—	17	13/0	15/20	0/0	0/0
	A15D	1	14.4	49.13	17.4	25	25/25	—	—	22	13/0	15/20	0/0	0/0
	A20D	1	19.2	65.5	23.3	32	35/35	—	—	30	13/0	15/20	0/0	0/0
	A24D	1	24	81.88	28.9	39	40/40	—	—	37	13/0	15/20	0/0	0/0

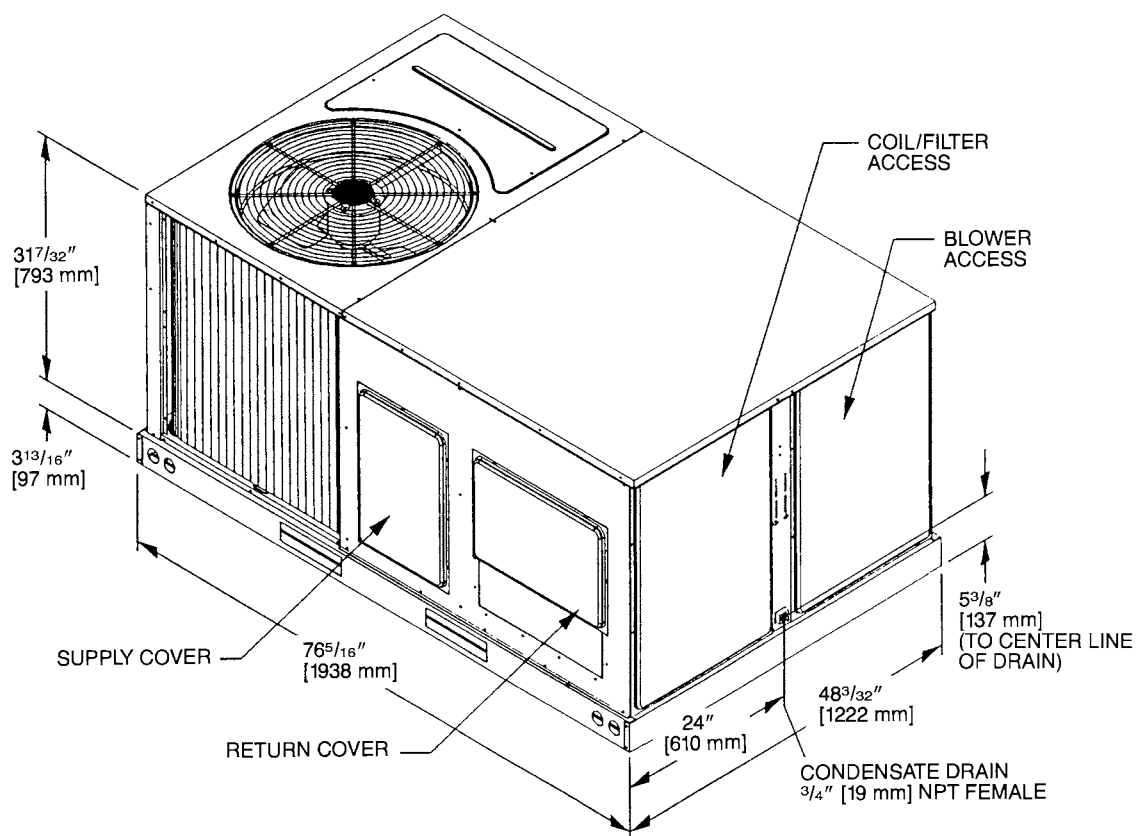


INTEGRATED AIR & WATER

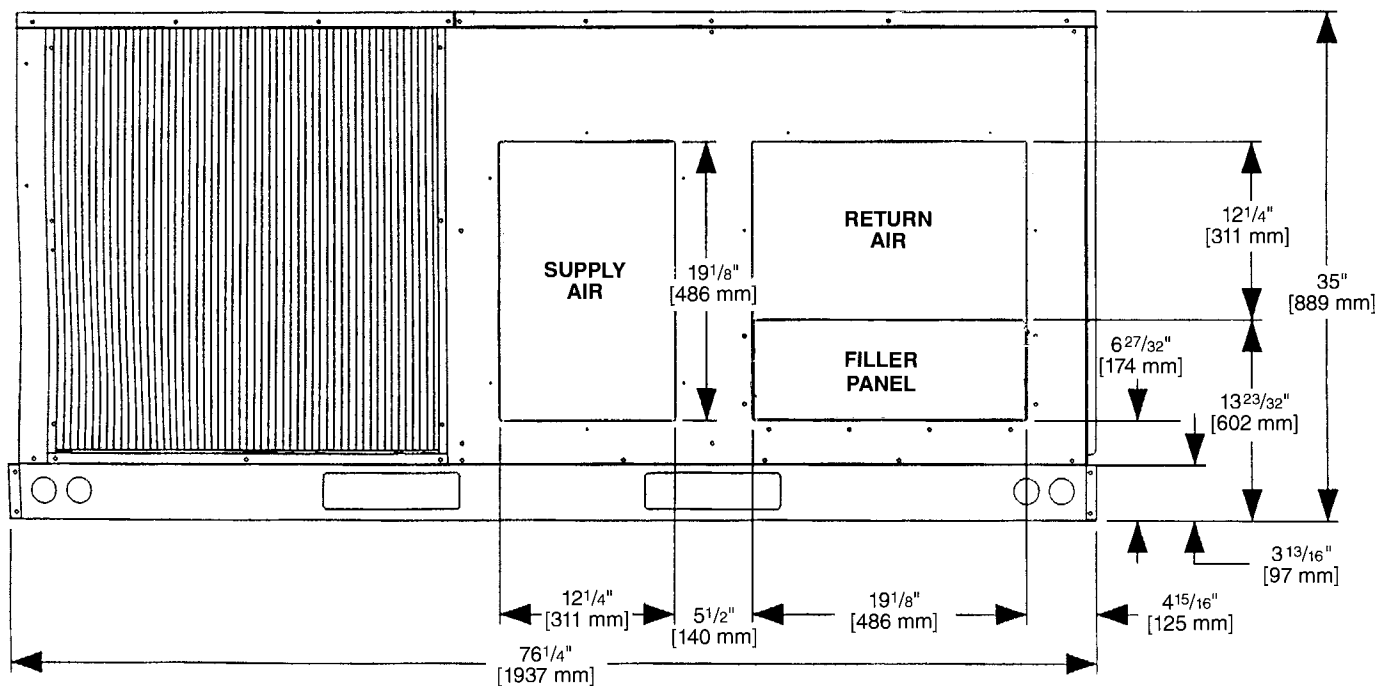


208/240 VOLT, SINGLE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION													
Single Power Supply for Both Unit and Heater Kit							Separate Power Supply for Both Unit and Heater Kit						
Model No. RLPL-	RXJJ-Heater Kit Nominal kW	No. of Sequence Steps	Rated Heater kW @ 208/240V	Heater KBTU/Hr @ 208/240V	Heater Amp. @ 208/240V	Unit Min. Ckt. Ampacity @ 208/240V	Air Conditioner			Heater Kit			
							Over Current Protective Device Size	Min./Max 208V	240V	Min. Ckt. Ampacity 208/240V	Max. Fuse Size 208/240V	Min. Circuit Ampacity 208/240V	Over Current Protective Device Size Min./Max. 208V 240V
A036JK	No Heat	—	—	—	—	27/27	35/40	35/40	35/40	—	—	27/27	35/40
	A06J	1	4.2/5.6	14.33/19.1	20.2/23.3	31/35	35/40	35/40	35/40	26/30	30/30	27/27	35/40
	A10J	1	7.2/9.6	24.56/32.75	34.6/40	49/56	50/50	60/60	35/40	44/50	45/50	27/27	35/40
	A12J	1	8.4/11.2	28.66/38.21	40.4/46.7	56/64	60/60	70/70	35/40	51/59	60/60	27/27	35/40
	A15J	1	10.8/14.4	36.84/49.13	51.9/60	71/81	70/70	90/90	35/40	65/75	70/80	27/27	35/40
A042JK	A20J	1	14.4/19.2	49.13/65.5	69.3/80	92/106	100/100	110/110	35/40	87/100	90/100	27/27	35/40
	No Heat	—	—	—	—	30/30	35/45	35/45	35/45	—	—	30/30	35/45
	A06J	1	4.2/5.6	14.33/19.1	20.2/23.3	33/37	35/45	40/45	35/45	26/30	30/30	30/30	35/45
	A10J	1	7.2/9.6	24.56/32.75	34.6/40	51/58	60/60	60/60	35/45	44/50	45/50	30/30	35/45
	A12J	1	8.4/11.2	28.66/38.21	40.4/46.7	59/66	60/60	70/70	35/45	51/59	60/60	30/30	35/45
A048JK	A15J	1	10.8/14.4	36.84/49.13	51.9/60	73/83	80/80	90/90	35/45	65/75	70/80	30/30	35/45
	A20J	1	14.4/19.2	49.13/65.5	69.3/80	95/108	100/100	110/110	35/45	87/100	90/100	30/30	35/45
	No Heat	—	—	—	—	35/35	45/50	45/50	45/50	—	—	35/35	45/50
	A06J	1	4.2/5.6	14.33/19.1	20.2/23.3	35/37	45/50	45/50	45/50	26/30	30/30	35/35	45/50
	A10J	1	7.2/9.6	24.56/32.75	34.6/40	51/58	60/60	60/60	45/50	44/50	45/50	35/35	45/50
A060JK	A12J	1	8.4/11.2	28.66/38.21	40.4/46.7	59/66	60/60	70/70	45/50	51/59	60/60	35/35	45/50
	A15J	1	10.8/14.4	36.84/49.13	51.9/60	73/83	80/80	90/90	45/50	65/75	70/80	35/35	45/50
	A20J	1	14.4/19.2	49.13/65.5	69.3/80	95/108	100/100	110/110	45/50	87/100	90/100	35/35	45/50
	No Heat	—	—	—	—	43/43	50/60	50/60	50/60	—	—	43/43	50/60
	A06J	1	4.2/5.6	14.33/19.1	20.2/23.3	43/43	50/60	50/60	50/60	26/30	30/30	43/43	50/60
	A10J	1	7.2/9.6	24.56/32.75	34.6/40	53/60	60/60	60/60	50/60	44/50	45/50	43/43	50/60
	A12J	1	8.4/11.2	28.66/38.21	40.4/46.7	61/68	60/60	70/70	50/60	51/59	60/60	43/43	50/60
	A15J	1	10.8/14.4	36.84/49.13	51.9/60	75/85	80/80	90/90	50/60	65/75	70/80	43/43	50/60
	A20J	1	14.4/19.2	49.13/65.5	69.3/80	97/110	100/100	110/110	50/60	87/100	90/100	43/43	50/60

3 TO 5 TON [10.6 TO 17.6 kW] MODELS

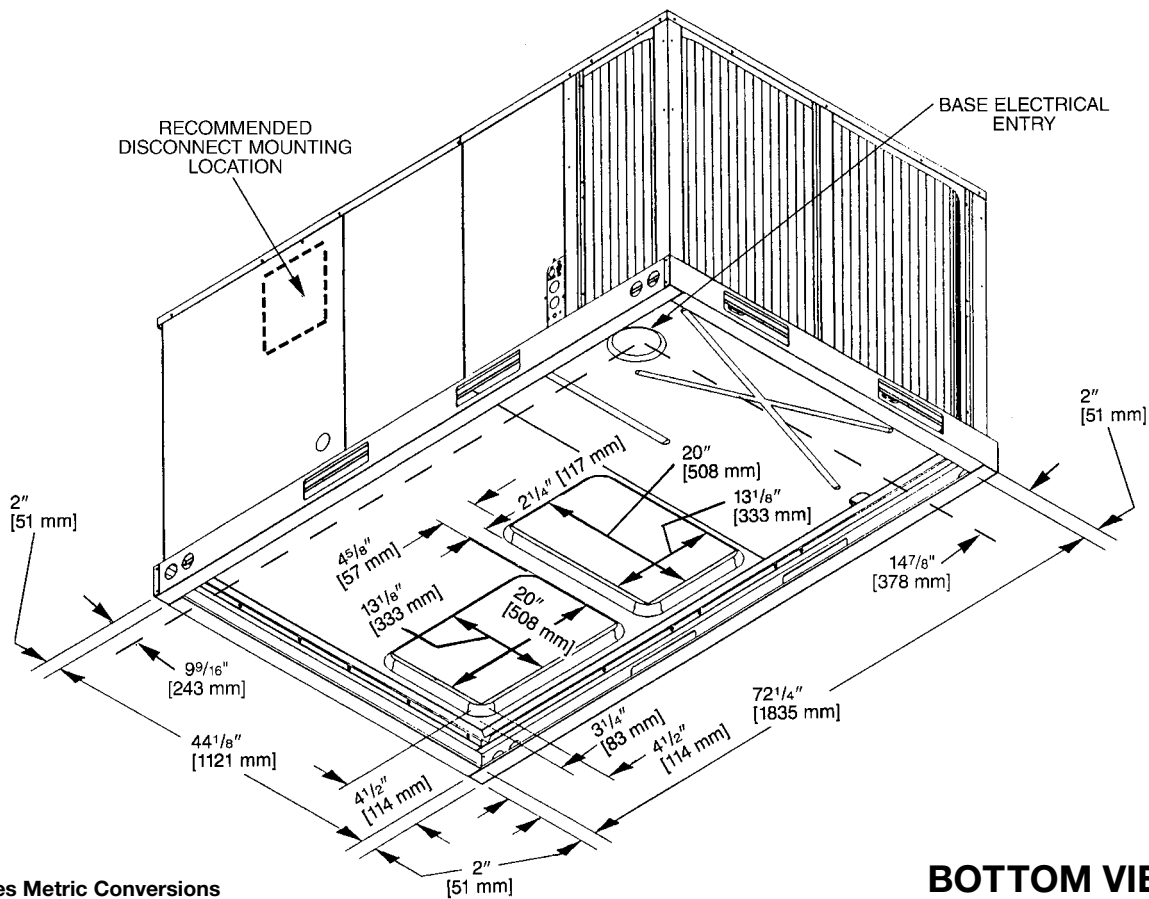
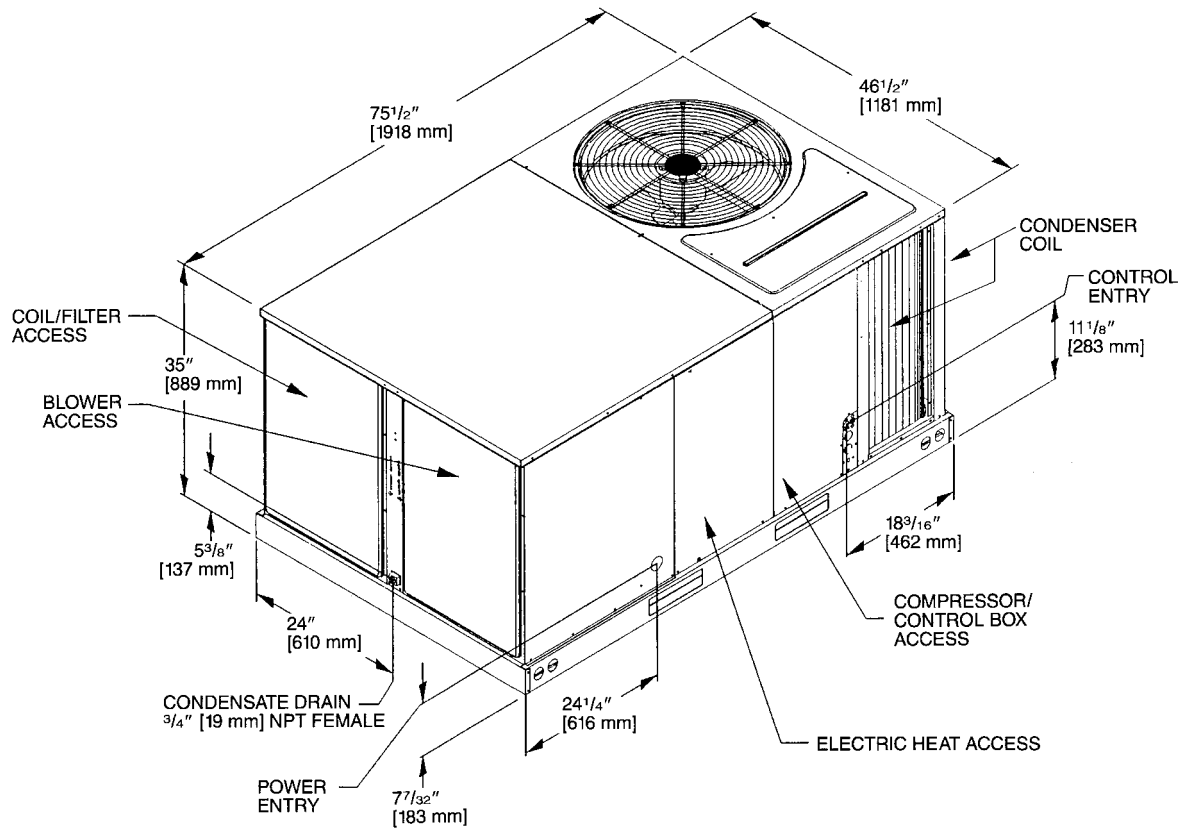


SUPPLY AND RETURN DIMENSIONS



[] Designates Metric Conversions

3 TO 5 TON [10.6 TO 17.6 kW] MODELS



[] Designates Metric Conversions

BOTTOM VIEW

WEIGHTS

Accessory	3-5 Ton [10.6-17.6 kW]	
	Shipping	Operating
	lbs [kg]	lbs [kg]
Economizer with Single Enthalpy	70 [32]	60 [27]
Power Exhaust	70 [32]	67 [30]
Fresh Air Damper (Manual)	11 [5]	9 [4]
Fresh Air Damper (Motorized)	13 [6]	11 [5]
Roof Curb 14"	92 [42]	88 [40]
Roof Curb 24"	108 [49]	104 [47]
Concentric Diffuser 18" Flush	37 [17]	26 [12]
Concentric Diffuser 20" Flush	54 [24]	42 [19]
Side Discharge Concentric Diffuser RXRN-FA60	35 [16]	20 [9]
Side Discharge Concentric Diffuser RXRN-FA65	55 [25]	40 [18]

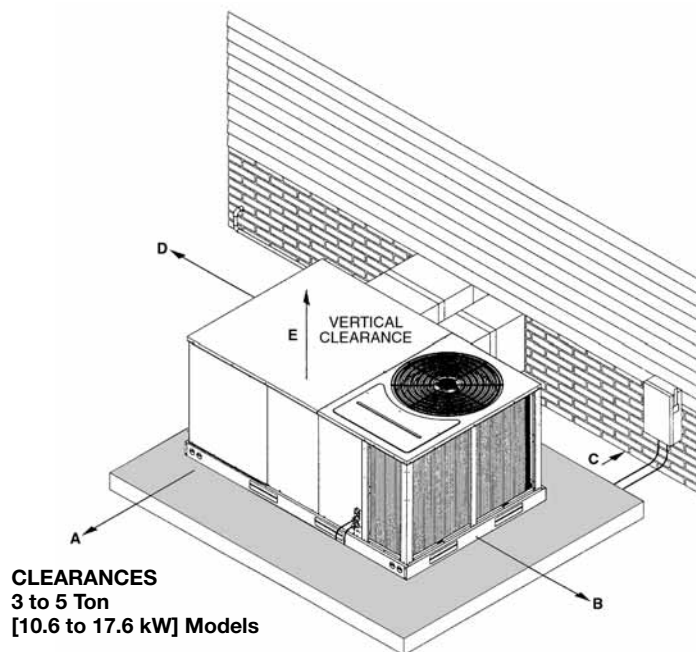
CLEARANCES

(3 to 5 Ton [10.6 to 17.6 kW] Models)

The following minimum clearances are recommended for proper unit performance and serviceability.

Recommended Clearance in. [mm]	Location
48 [1219]	A - Front
18 [457]	B - Condenser Coil
*12 [305]	C - Duct Side
36 [914]	D - Evaporator End
60 [1524]	E - Above
*57" [1448 mm] With Economizer	

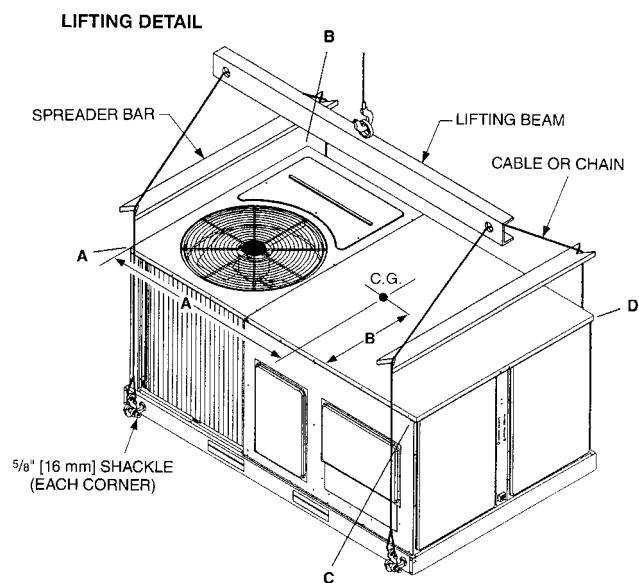
NOTE: Supply duct may be installed with "0" inch clearance to combustible materials, provided 1" [25.4 mm] minimum. Fiberglass insulation is applied either inside or on the outside of the duct.



CENTER OF GRAVITY (C.G.)

Capacity Tons [kW]	A in. [mm]	B in. [mm]
3-5 [10.6-17.6]	38 ¹ / ₄ [972]	25 ³ / ₄ [654]

Capacity Tons [kW]	Corner Weights by Percentage			
	A	B	C	D
3-5 [10.6-17.6]	22%	27%	23%	28%



[] Designates Metric Conversions

Accessory Description	Model Application 3 to 5 Ton [10.6 to 17.6 kW]	Accessory Model No. 3 to 5 Ton [10.6 to 17.6 kW]	Factory Installed 3 to 5 Ton [10.6 to 17.6 kW]
Thermostats	RLNL-/RLPL-	See Thermostat Specification Sheet (T11-001)	No
Electric Heater Kits	RLNL-/RLPL-	RXJJ-A06 (J,C,D) RXJJ-A10 (J,C,D) RXJJ-A11 (J,C,D) RXJJ-A12 (J,C,D) RXJJ-A15 (J,C,D) RXJJ-A20 (J,C,D) RXJJ-A21 (J,C,D) RXJJ-A24 (J,C,D)	See Heater Kit Electric Table
Roofcurb 14"	RLNL-/RLPL-	RXKG-CAD14	No
Roofcurb 24"	RLNL-/RLPL-	RXKG-CAD24	No
Roofcurb Adapters	RLNL-/RLPL-	RXRX-BBCDB21 RXRX-BBCDB22 RXRX-BBCDB23	No
Economizer with Single Enthalpy ①	RLNL-/RLPL-	AXRD-MECM3	Yes
Dual Enthalpy Kit	RLNL-/RLPL-	RXRX-AV02	No
CO ₂ Sensor	RLNL-/RLPL-	RXRX-AR02	No
Power Exhaust	RLNL-/RLPL-	AXRX-BGF04 (C, D & Y)	No
Fresh Air Damper Manual	RLNL-/RLPL-	AXRF-FBA1	No
Fresh Air Damper Motorized	RLNL-/RLPL-	AXRF-FBB1	No
Rectangular to Round 18" Duct Adapters for Concentric Diffuser	RLNL-/RLPL-	RXMC-CB03	No
Rectangular to Round 20" Duct Adapters for Concentric Diffuser	RLNL-/RLPL-	RXMC-CB04	No
Concentric Diffuser 18" Step	RLNL-/RLPL-	RXRN-FA60, RXRN-FA65	No
Concentric Diffuser 18" Flush	RLNL-/RLPL-	RXRN-FA70, RXRN-FA75	No
Rectangular to Round 16" Side	RLNL-/RLPL-	RXMC-BB01	No
Louver Kit (3 Sides)	RLNL-/RLPL-	AXRX-AAD01B	Yes
Time Delay	RLNL-/RLPL-	RXMD-B01	Yes
Low Ambient Control to 0°F [-18°C]	RLNL-/RLPL-	RXRZ-B01	Yes

*Voltage
 J = 208-230 VAC-1PH-60HZ D = 460 VAC-3PH-60HZ
 C = 208-230 VAC-3PH-60HZ

NOTES: ① Economizer is designed for downflow or horizontal applications.

[] Designates Metric Conversions

THERMOSTATS



200-Series *
 Programmable



300-Series *
 Deluxe Programmable



400-Series *
 Special Applications/
 Programmable



500-Series *
 Communicating/
 Programmable

Brand	Descriptor (3 Characters)	Series (3 Characters)	System (2 Characters)	Type (2 Characters)
RHC	- TST	213	UN	MS
RHC=Rheem	TST=Thermostat	200=Programmable 300=Deluxe Programmable 400=Special Applications/ Programmable 500=Communicating/ Programmable	GE=Gas/Electric UN=Universal (AC/HP/GE) MD=Modulating Furnace DF=Dual Fuel CM=Communicating	SS=Single-Stage MS=Multi-Stage

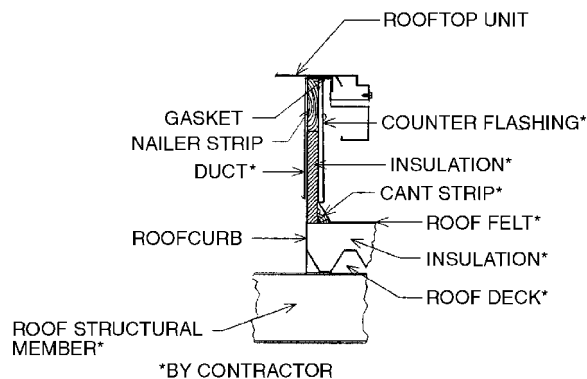
* Photos are representative. Actual models may vary.

For detailed thermostat match-up information,
see specification sheet form number T11-001.

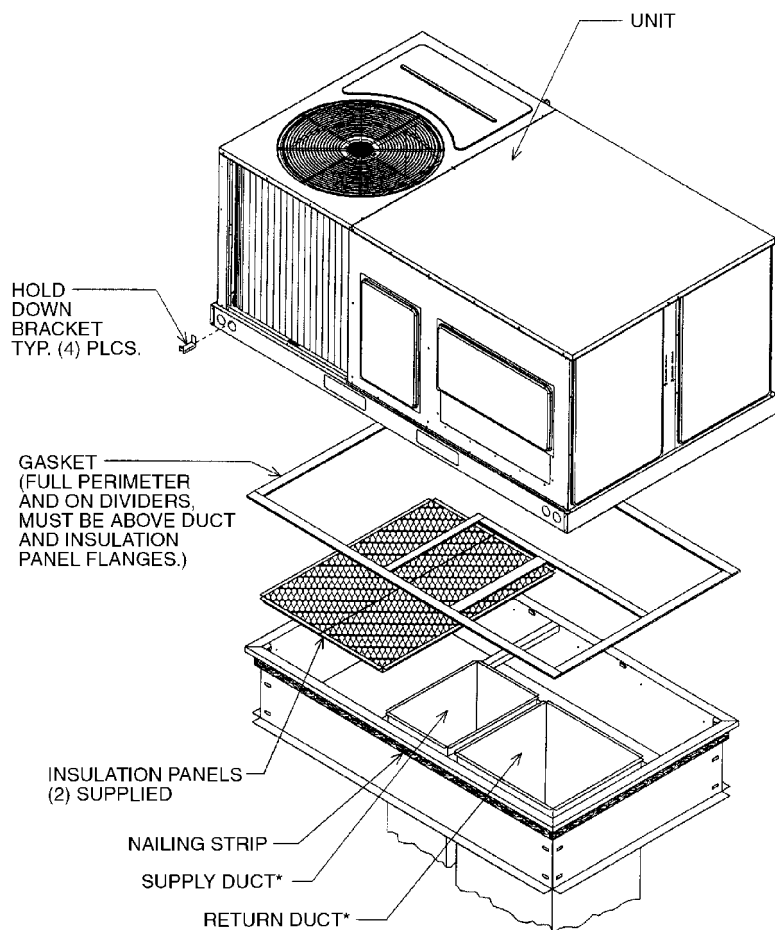
ROOFCURBS (Full Perimeter)

- Rheem's new roofcurb design can be utilized on 3 through 5 ton [10.6-17.6 kW] models.
- Two available heights (14" [356 mm] and 24" [610 mm]) for ALL models.
- Quick assembly corners for simple and fast assembly.
- Opening provided in bottom pan to match the "Thru the Curb" electrical connection opening provided on the unit base pan.
- 2" [51 mm] x 4" [102 mm] Nailer provided.
- Insulating panels provided.
- Sealing gasket (28" [711 mm]) provided with Roofcurb.
- Packaged for easy field assembly.

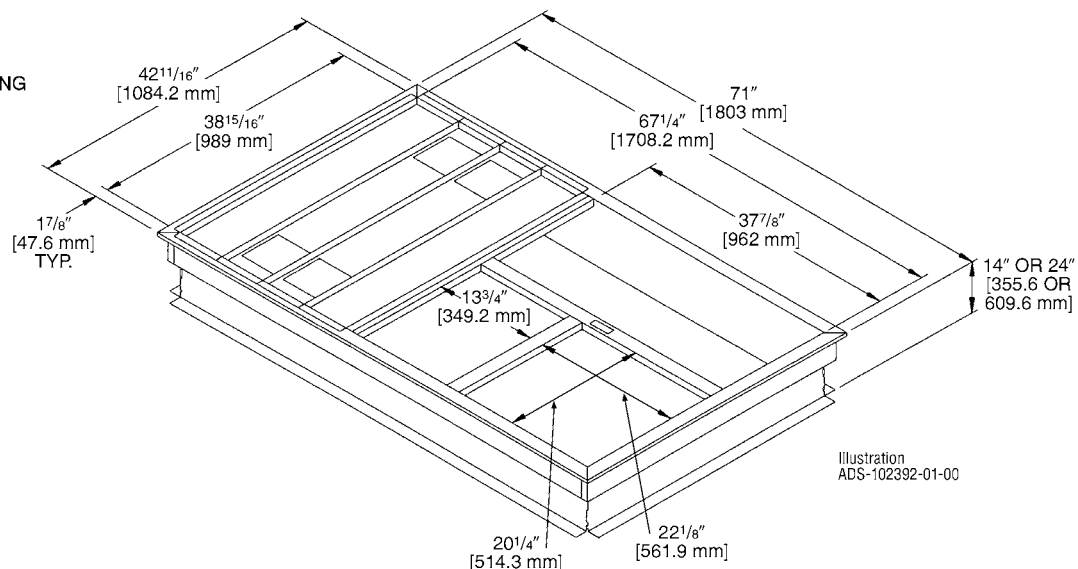
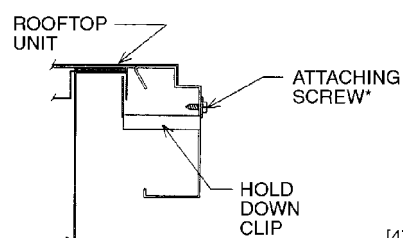
Roofcurb Model	Height of Curb
RXKG-CAD14	14" [356 mm]
RXKG-CAD24	24" [610 mm]



TYPICAL INSTALLATION



ROOFCURB FOR RLNL 3-5 TON [10.6-17.6 kW] MODELS RLPL 3-5 TON [10.6-17.6 kW] MODELS



[] Designates Metric Conversions

Illustration
ADS-102392-01-00

ROOFCURB ADAPTERS

Old Models

MEDIUM CABINET (3 TON [11 kW])

(-)SNC, (-)SND, (-)SNE
 (-)RGE, (-)RGF, (-)RGG
 (-)PNC, (-)PND

LARGE CABINET

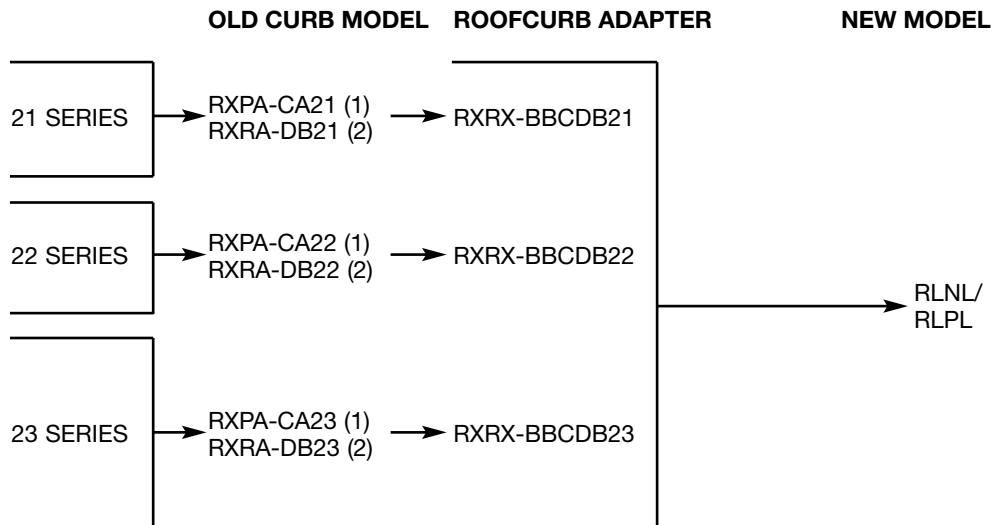
(3-3.5 TON [11-12 kW])

(-)RGE, (-)RGF, (-)RGG,
 (-)RGH (3 TON [11 kW])

EXTRA LARGE CABINET

(3.5-5 TON [12-18 kW])

(-)SNC, (-)SND, (-)SNE
 (-)RGE, (-)RGF,
 (-)RGG (4-5 TON [14-18 kW])
 (-)PNC, (-)PND, (-)RGH
 (3.5, 4 TON [12-14 kW])

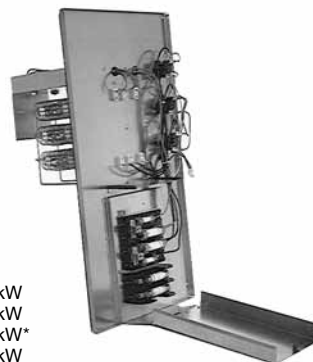
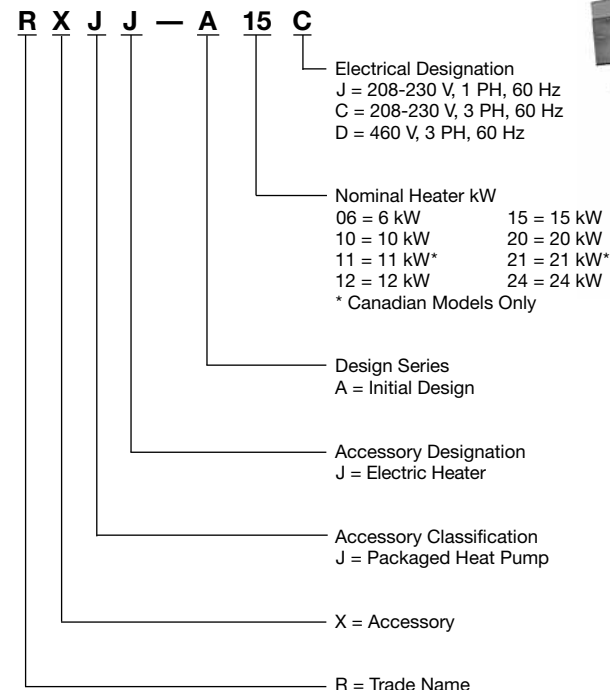


Field Installed Resistance Heater Kits

Electric Heater Kits are designed for field installation using either single-point power wiring or dual circuit wiring. Low voltage plugs are provided to allow for quick connection to the unit. Removing a block-off panel on the unit allows the heater elements to be inserted into the supply air down stream from the indoor coil and supply air blower.

[] Designates Metric Conversions

Model Number Identifier:





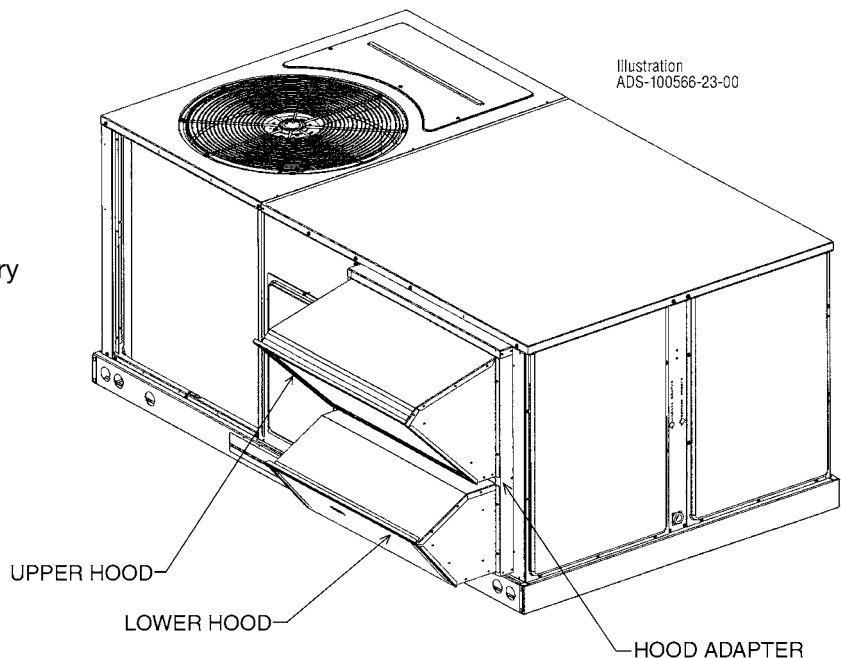
ECONOMIZERS

AXRD-MECM3—RLNL 3-5 Ton [10.6-17.6 kW] Models
RLPL 3-5 Ton [10.6-17.6 kW] Models

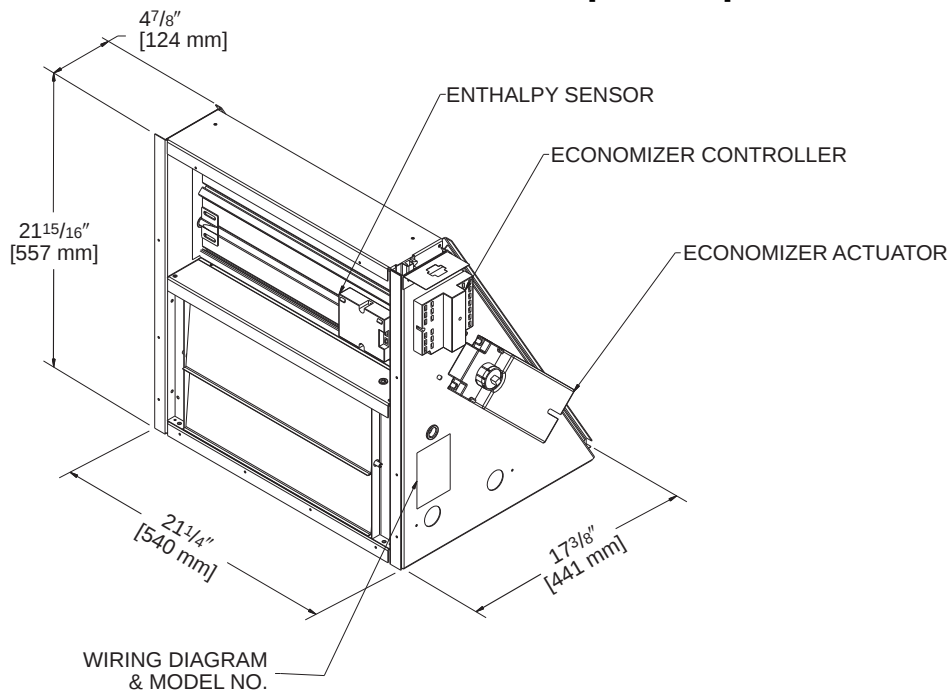
RXXR-AV02—Dual Enthalpy Kit
3-5 Ton [10.6-17.6 kW] Models

RXXR-AR02—3-5 Ton [10.6-17.6 kW] Models **Optional CO₂ Sensor**

- Features **Honeywell** Controls
- Available factory installed or field accessory
- Gear Driven Direct Drive Actuator
- Fully Modulating (0-100%)
- Low Leakage Dampers
- Horizontal or Downflow Applications
- Slip-In Design for Easy Installations
- Plug-In Polarized 9-pin Electrical Connections
- Pre-configured—No Field Adjustments Necessary
- Standard Barometric Relief Damper Provided
- Single Enthalpy with Dual Enthalpy Upgrade Kit
- CO₂ Input Sensor Available (Field Installed)
- Economizer slips in complete for Downflow or Horizontal Duct application
- Field Assembled Hood Ships with Economizer
- Optional Remote Minimum Position (Honeywell #S963B1128) is Available from ProStock
- Field Installed Power Exhaust Available



3-5 Ton [10.6-17.6 kW] Models



[] Designates Metric Conversions

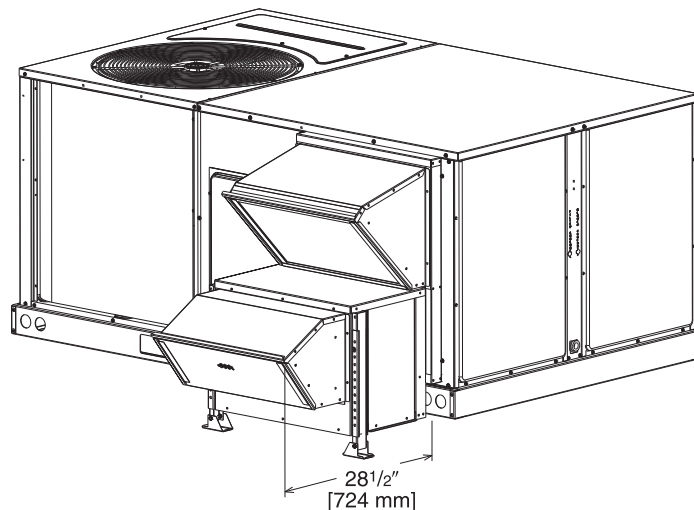
INTEGRAL POWER EXHAUST FOR ECONOMIZER (FIELD INSTALLED ONLY)

AXRX-BGF04C – RLNL 3-5 Ton [10.6-17.6 kW] Models & RLPL 3-5 Ton [10.6-17.6 kW] Models
208-230V, 1 PH and 3 PH, 60 Hz

AXRX-BGF04D – RLNL 3-5 Ton [10.6-17.6 kW] Models & RLPL 3-5 Ton [10.6-17.6 kW] Models
460V, 3 PH, 60 Hz

AXRX-BGF04Y – RLNL 3-5 Ton [10.6-17.6 kW] Models & RLPL 3-5 Ton [10.6-17.6 kW] Models
575V, 3 PH, 60 Hz

- For **Honeywell** Economizer
- Downflow or horizontal applications
- Requires separate 208-230 Volt – 1 PH power supply with disconnect or requires separate 460V – 3 PH power supply with disconnect
- Adjustable switch on economizer, factory preset to energize power exhaust at 95% outside air position
- Polarized plug connects power exhaust relay to economizer



POWER EXHAUST KIT FOR RXRD-MECM(-) ECONOMIZERS

Model No.	No. of Fans	Volts	Phase	Watts (ea.)	High Speed		FLA (ea.)	LRA (ea.)
					CFM ①	RPM		
AXRX-BGF04C	1	208/230	1	1000	2500	1725	4.4	23.7
AXRX-BGF04D	1	460	1	800	2370	1620	1.8	4.1
AXRX-BGF04Y	1	575	1	800	2370	1620	1.5	3.3

AXRX-BGF04C – RLNL 3-5 Ton [10.6-17.6 kW] Models & RLPL 3-5 Ton [10.6-17.6 kW] Models
208/230V, 1PH and 3PH, 60 Hz

AXRX-BGF04D – RLNL 3-5 Ton [10.6-17.6 kW] Models & RLPL 3-5 Ton [10.6-17.6 kW] Models
460V, 3PH, 60 Hz

AXRX-BGF04Y – RLNL 3-5 Ton [10.6-17.6 kW] Models & RLPL 3-5 Ton [10.6-17.6 kW] Models
575V, 3PH, 60 Hz

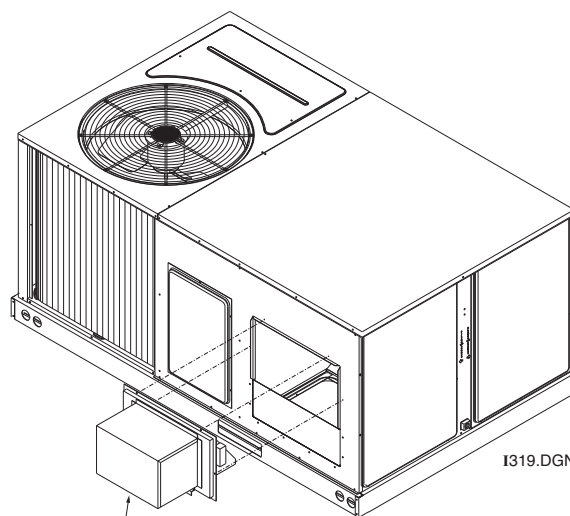
FRESH AIR DAMPER

RLNL 3-5 Ton [10.6-17.6 kW] Models

RLPL 3-5 Ton [10.6-17.6 kW] Models

AXRF-FBA1 (Manual)

AXRF-FBB1 (Motorized)



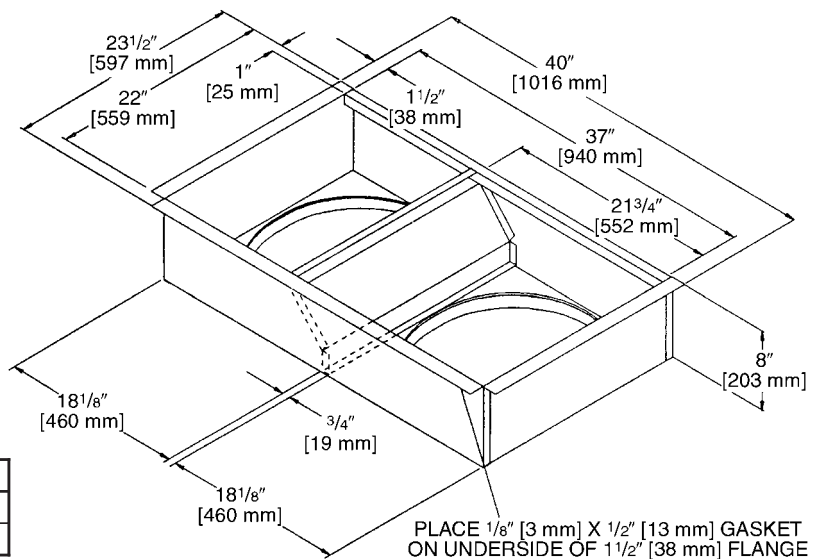
[] Designates Metric Conversions

FRESH AIR DAMPER

DUCT ADAPTERS (RLNL 3 TO 5 TON [10.6 TO 17.6 kW] MODELS) (RLPL 3 TO 5 TON [10.6 TO 17.6 kW] MODELS)

Rectangular to Round Transitions (Downflow)

Two sizes available
(18" [457 mm] and
20" [508 mm] round)
fit all units. Drops
into and secures to
RXKG- Series Roofcurbs.
**For use with
Concentric Diffusers.**



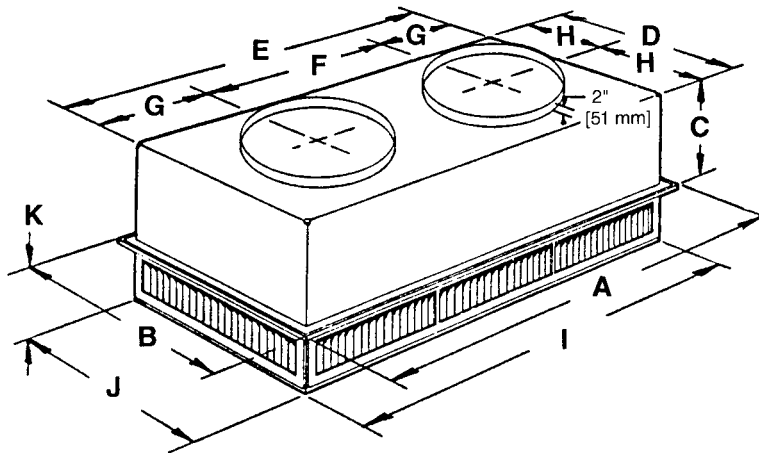
Accessory Model No.	Model Application Tons [kW]	Size in. [mm]
RXMC-CB03	3-5 [10.6-17.6]	18 [457] Round
RXMC-CB04	3-5 [10.6-17.6]	20 [508] Round

[] Designates Metric Conversions

SIDE DISCHARGE CONCENTRIC DIFFUSER

RXRN-FA60 (3 to 5 Ton [10.6 to 17.6 kW] Models)
RXRN-FA65 (3 to 7.5 Ton [10.6 to 26.4 kW] Models)

For Use With Duct Adapter (RXMC)



DIMENSIONAL DATA

Model No.	A	B	C	D	E	F	G	H	I	J	K	Duct Size
RXRN-FA60	47 5/8" [1210 mm]	23 5/8" [600 mm]	11 3/8" [289 mm]	21 1/2" [546 mm]	45 1/2" [1156 mm]	22 1/2" [572 mm]	11 1/2" [292 mm]	10 3/4" [273 mm]	45 1/2" [1156 mm]	21 1/2" [546 mm]	7 1/8" [181 mm]	18RD
RXRN-FA65	47 5/8" [1210 mm]	29 5/8" [752 mm]	14 3/8" [365 mm]	27 1/2" [699 mm]	45 1/2" [1156 mm]	22 1/2" [572 mm]	11 1/2" [292 mm]	13 3/4" [349 mm]	45 1/2" [1156 mm]	27 1/2" [699 mm]	8 1/8" [206 mm]	20RD

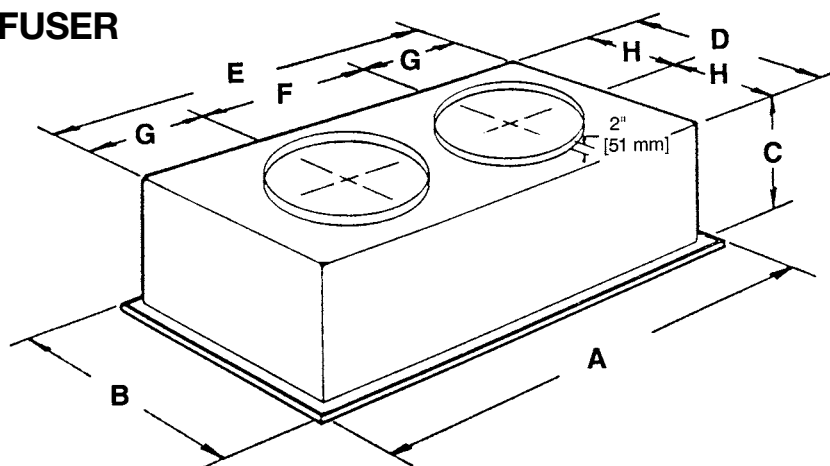
ENGINEERING DATA

Model No.	CFM [L/s]	Static Pressure	Throw Feet	Neck Vel.	Jet Vel.	Noise Level
RXRN-FA60	1000 [472]	.14	10-17	351	351	20
	1200 [566]	.17	11-18	421	421	20
	1400 [661]	.20	12-19	491	491	20
	1600 [755]	.24	12-20	561	561	20
	1800 [850]	.30	13-21	632	632	20
	2000 [944]	.36	14-23	702	702	20
	2200 [1038]	.40	16-25	772	772	20
RXRN-FA65	2600 [1227]	.17	24-29	669	669	20
	2800 [1321]	.20	25-30	720	720	25
	3000 [1416]	.25	27-33	772	772	25
	3200 [1510]	.31	28-35	623	623	25
	3400 [1605]	.37	30-37	874	874	30

FLUSH MOUNT CONCENTRIC DIFFUSER

RXRN-FA70 (3 to 5 Ton [10.6 to 17.6 kW] Models)

For Use With Duct Adapter (RXMC)



DIMENSIONAL DATA

Model No.	A	B	C	D	E	F	G	H	Duct Size
RXRN-FA70	47 ⁵ / ₈ " [1210 mm]	23 ⁵ / ₈ " [600 mm]	13 ¹ / ₂ " [343 mm]	21" [533 mm]	45" [1143 mm]	22 ¹ / ₂ " [572 mm]	11 ¹ / ₄ " [286 mm]	10 ¹ / ₂ " [267 mm]	18RD
RXRN-FA75	47 ⁵ / ₈ " [1210 mm]	29 ⁵ / ₈ " [752 mm]	16 ⁵ / ₈ " [442 mm]	27" [666 mm]	45" [1143 mm]	22 ¹ / ₂ " [572 mm]	11 ¹ / ₄ " [286 mm]	13 ¹ / ₂ " [343 mm]	20RD

ENGINEERING DATA

Model No.	CFM [L/s]	Static Pressure	Throw Feet	Neck Vel.	Jet Vel.	Noise Level
RXRN-FA70	1000 [472]	.14	15-20	391	694	20
	1200 [566]	.17	16-22	469	833	25
	1400 [661]	.20	17-24	547	972	30
	1600 [755]	.24	18-25	625	1111	30
	1800 [850]	.30	20-28	703	1250	35
	2000 [944]	.36	21-29	781	1389	40
	2200 [1038]	.40	22-30	859	1528	40
RXRN-FA75	2600 [1227]	.17	19-24	663	1294	30
	2800 [1321]	.20	20-28	714	1393	35
	3000 [1416]	.25	21-29	765	1492	35
	3200 [1510]	.31	22-29	616	1592	40
	3400 [1605]	.37	22-30	667	1692	40

[] Designates Metric Conversions

SAMPLE SPECIFICATIONS

Unit shall be completely factory assembled and performance tested to provide the required cooling and heating functions suitable for outdoor installations. Unit shall be UL/cUL listed and rated in accordance to AHRI Standard 210.

Cabinet

Unit casing, base pan and framework shall be manufactured of galvanized sheet metal primed and finished with powder paint capable of withstanding a 1000-hour salt spray test per ASTM B 117. Unit interior cabinet surfaces shall be insulated with a minimum 1/2-inch thick foil faced insulation. Access panels shall be easily removable providing access to the blower, filter, heating compartment, and compressor/control box. Unit base rails shall be provided with fork insertion slots and rigging holes. Condensate drain pan shall be of sloped design to conform to ASHRAE 62. Unit shall be supplied ready for vertical airflow and be easily convertible to horizontal airflow at or before installation.

Compressor(s)

Unit shall be provided with fully hermetic scroll compressor(s) with internally protected safety controls.

Coils

The evaporator and condenser coils shall be fabricated of copper tubes with mechanically bonded aluminum plate fins. They shall be pressure tested prior to assembly into the unit, and electronically leak tested after assembly.

Condenser Fan

A single direct drive propeller fan shall discharge air vertically upward. The fan motor shall be permanently lubricated and have built-in overload protection.

Evaporator Blower

A single, double inlet, centrifugal wheel shall rotate in permanently lubricated ball bearings. The wheel shall be made from steel with corrosion resistant finish and shall be statically and dynamically balanced.

ACCESSORIES

ROOF CURB

Curb shall be full perimeter type, complying with the standards of the National Roofing Contractors Association. Design shall provide for drop-in of supply and return ducts prior to setting unit, and include an insulating panel for the rest of the curb area.

Economizer

Economizer shall be completely assembled for field installation. Unit shall include all controls and dampers including the barometric relief damper.

Manual Fresh Air Damper

Damper shall consist of damper and rainhood which is manually preset to admit up to 35% of outside air for field installation.

Motorized Fresh Air Damper

Damper shall consist of motor, damper, and rainhood which can admit up to 35% of outside air for field installation.

Electric Heat Kits

Electric heat kits shall be available in a wide range of capacity with branch circuit fusing allowing single point wiring. Kits shall be UL/cUL approved. Each kit shall be offered as a field or factory installed option.

Pressure Controls

High and low pressure controls shall be included for field or factory installation.

Low Ambient Control

Low ambient control shall be provided to cycle the condenser fan in response to condensing pressure and allow operation to 0 degrees F. The option shall be field or factory installed.

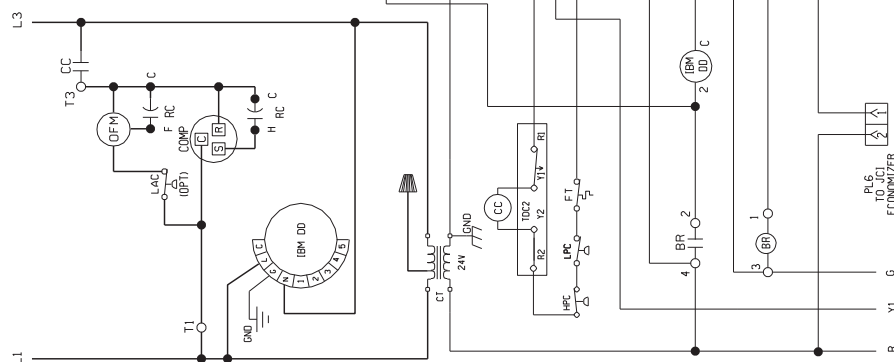
Time Delay Control

Time delay control shall be provided to prevent the compressor from restarting 5 minutes after shutdown. The control shall be field or factory installed.

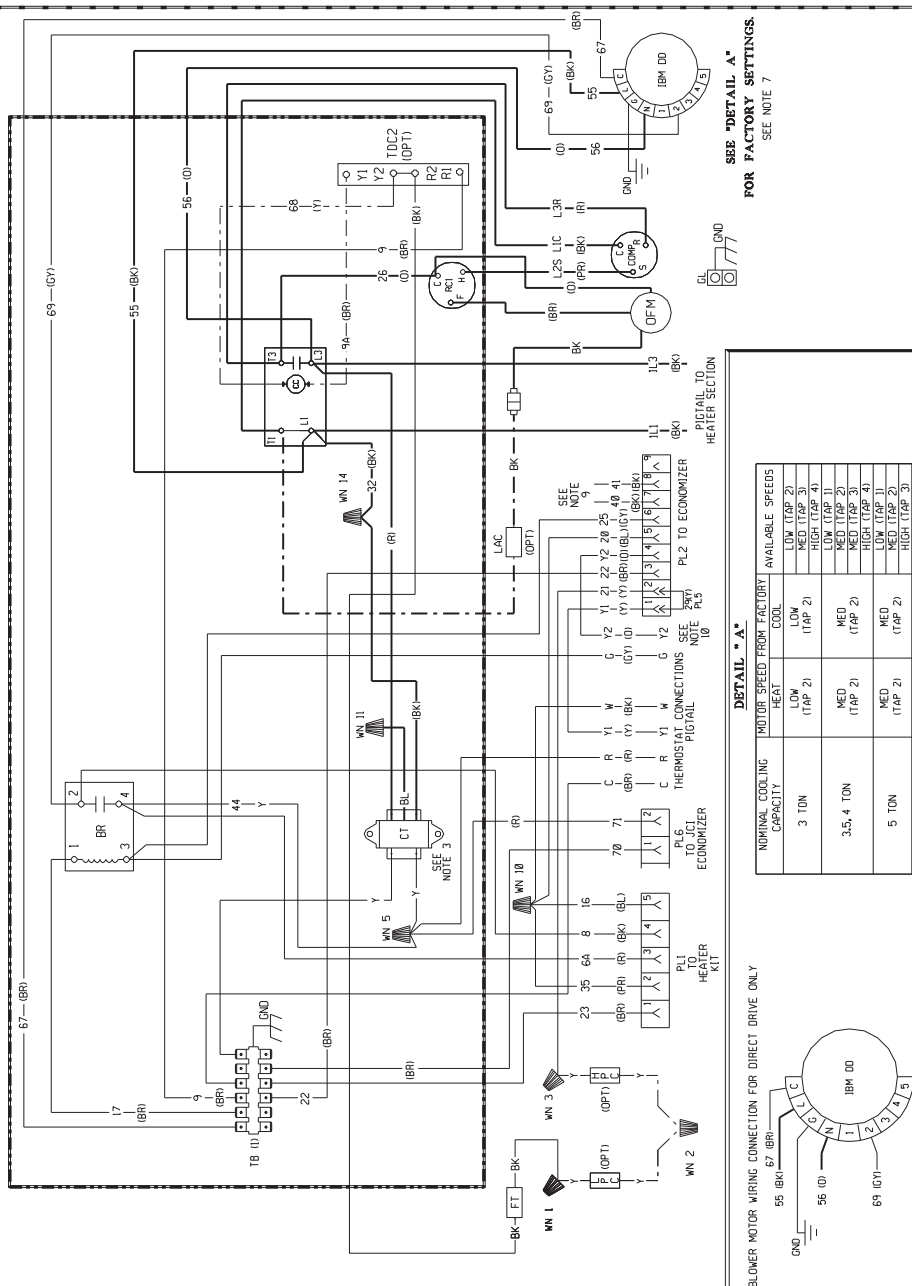
Louver Panel Kits

Field or factory installed louver kits shall be provided for condenser coil protection against hail or flying debris.

WIRING SCHEMATIC



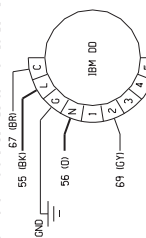
WIRING DIAGRAM



DETAILS			MOTOR SPEED FROM FACTORY		AVAILABLE SPEEDS	
NOMINAL COOLING CAPACITY	HEAT	LOW	LOW	LOW	LOW	LOW
3 TON	(TAP 2)	MEQ	(TAP 2)	MEQ	(TAP 2)	MEQ
3.5, 4 TON	(TAP 2)	MEQ	(TAP 2)	MEQ	(TAP 2)	MEQ
5 TON	(TAP 2)	MEQ	(TAP 2)	MEQ	(TAP 2)	MEQ

DETAIL "A"

BLOWER MOTOR WIRING CONNECTION FOR DIRECT DRIVE ONLY



COMPONENT CODE

3R	BLOWER RELAY
4C	COMPRESSOR CONTACTOR
5C	COMPRESSOR CONTACTOR
6T	TRANSFORMER
7T	FREZE STRT
8L	GROUND LUG
9L	GROUND LUG
10C	HIGH PRESSURE CONTROL
11NC	INDOR BLOWER MOTOR
12MD	LOW AMBIENT COOLING DRIVE
13C	LOW PRESSURE CONTROL
14C	OUTDOOR FAN MOTOR
15L	PLUG
16L	CAPACITOR
17C	TERMINAL BLOCK (LOW VOLTAGE)
18C	TIME DELAY CONTROL
19C	WIRE NUT

NOTES:

1. COMPRESSORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
2. CONDUCTORS NOT THERMALLY PROTECTED AL 3 PHASE MODELS.
3. PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.
4. BENTON TRANSFORMER FACTURED FOR 2500/200V ON 120/240V.
5. J & C MODELS, INTERCHANGE BLACK & BLUE LEADS FOR 208 VOLT OPERATION.
6. SUPPLIED PIGTAIL.
7. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 CONDUCTOR.
8. CONNECT FIELD WIRING IN GROUNDED RAIN TIGHT CONDUIT TO 60 HZ.
9. FUSED DISCONNECT.
10. FIELD WIRING MUST BE CORRECT BEFORE
11. USE FUSE ON UNIT FUSE BOX FOR FUSE SIZING AND CLASSIFICATION.
12. WIRES FROM PL2172Z & 8160 TO THE MIXED AIR SENSOR ON THE
13. Y2 IS USED ONLY FOR THE OPTIONAL ECONOMIZER.

WIRING INFORMATION

WIRING INFORMATION

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

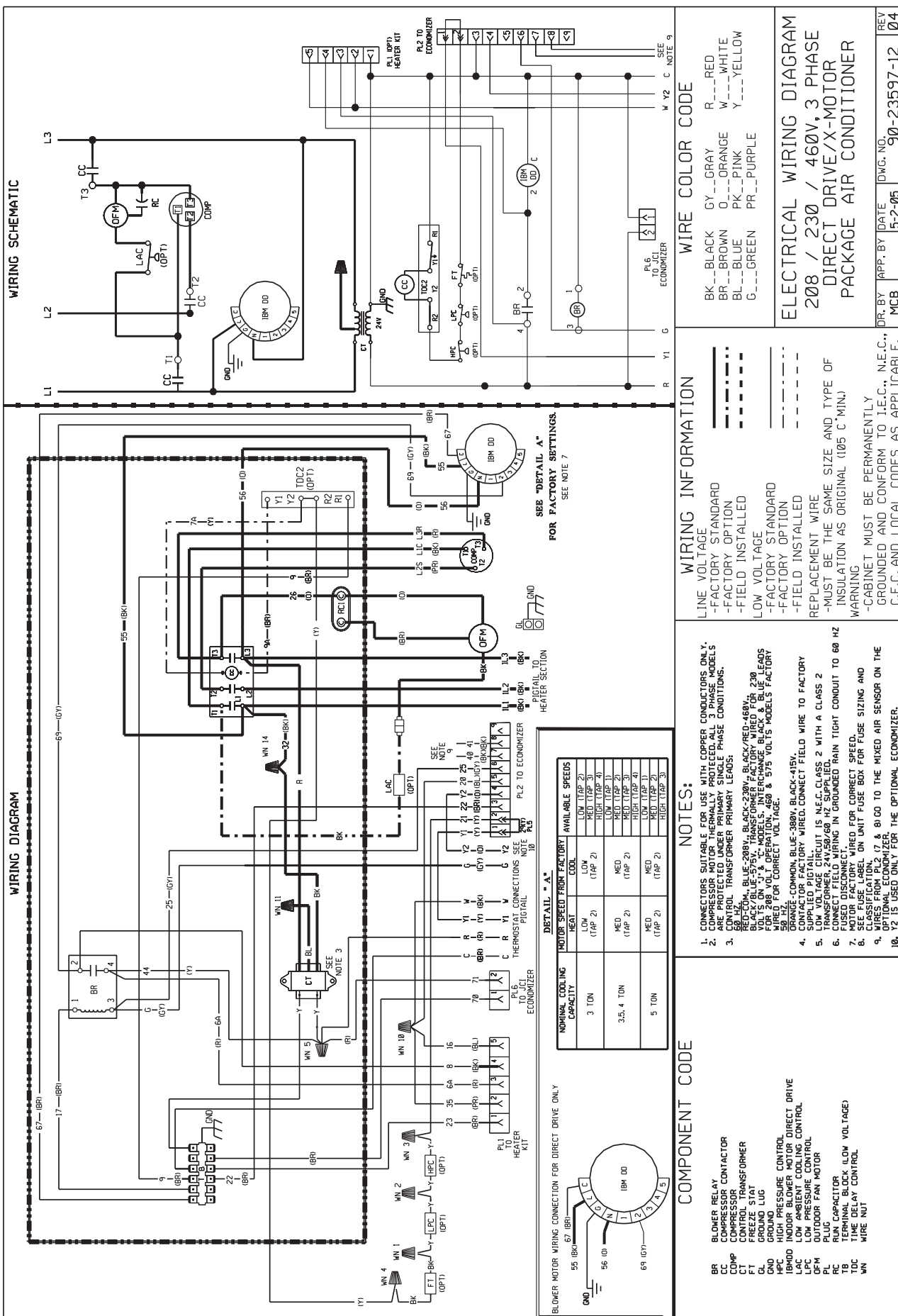
WIRE COLOR CODE

BK__BLACK
 BR__BROWN
 BL__BLUE
 GR__GREEN
 CY__GRAY
 OR__ORANGE
 PK__PINK
 PR__PURPLE
 R__RED
 W__WHITE
 Y__YELLOW

THEORETICAL WIRING DIAGRAM

208 / 230, 1 PHASE
ELECT DRIVE / X-MOTOR
KAGE AIR CONDITIONER

DR. BY	APP. BY	DATE	DWG. NO.	REV
MCB		5-02-05	90-23597-11	02





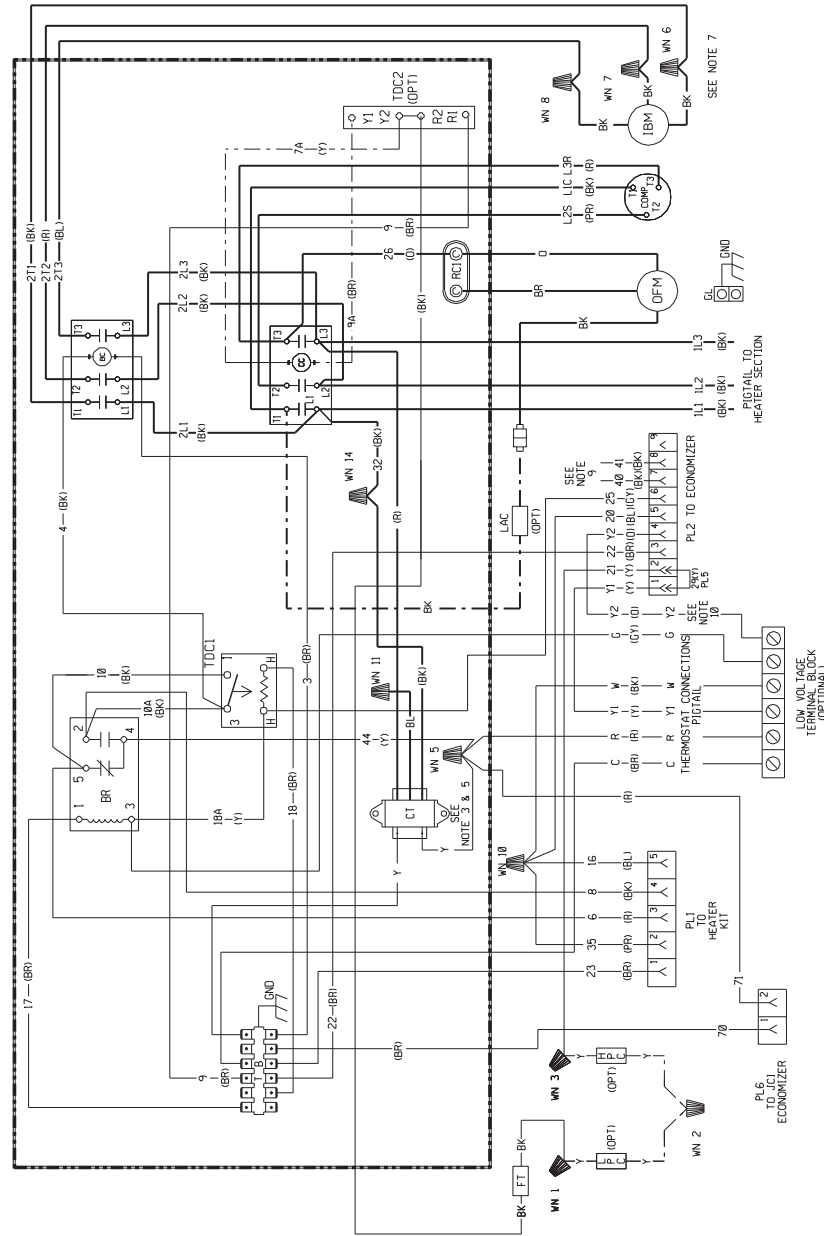


Air

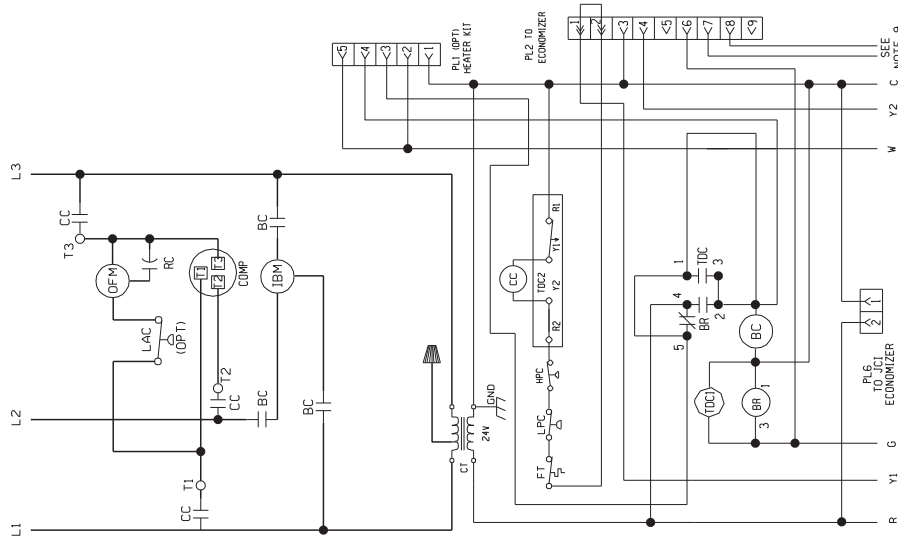
Wiring Diagrams

RLNL/RLPL Series

WIRING DIAGRAM



WIRING SCHEMATIC



COMPONENT CODE

BC BLOWER MOTOR
BR COMPRESSOR
CC COMPRESSOR
CT CONTROL TRANSFORMER
FT FREEZE STAT
GND GROUND LUG
HPC HIGH PRESSURE CONTROL
IBMB INDOOR BLOWER MOTOR BELT DRIVE
LAC LOW AMBIENT COOLING CONTROL
LPC LOW PRESSURE CONTROL
ODM OUTDOOR FAN MOTOR
RC RUN CAPACITOR
TBC TIME DELAY CONTROL
TDC TERMINAL BLOCK (LOW VOLTAGE)
WN WIRE NUT

DWG. NO. 90-23597-14

REV 01

NOTES:

- CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
- COMPRESSOR MOTOR THERMALLY PROTECTED. ALL 3 PHASE MODELS.
- CONTROL TRANSFORMER PRIMARY LEADS.
- RED-COM., BLUE-208V, 24V/50/60 Hz, BLACK-BLUE-575V, TRANSFORMER FACTORY WIRE FOR 230 VOLTS ON "Y" & "T" MODELS, INTERCHANGE BLACK & BLUE LEADS FOR 208 VOLT OPERATION. 460 & 575 VOLT MODELS FACTORY WIRE FOR CORRECT VOLTAGE.
- ORANGE-COMMON, BLUE-308V, BLACK-415V.
- CONTACTOR FACTORY WIRE, CONNECT FIELD WIRE TO FACTORY SUPPLIED PIGTAIL. CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER. 24V/50/60 Hz SUPPLIED.
- CONNECT FIELD WIRING IN GROUNDED RAIN TIGHT CONDUIT TO 60 HZ USED DISCONNECTED FOR CORRECT SPEED.
- SEE FUSE LABEL ON UNIT FUSE BOX FOR FUSE SIZING AND CLASSIFICATION.
- WIRES FROM PL2 (7 & 8) GO TO THE MIXED AIR SENSOR ON THE ECONOMIZER.
10. Y2 IS USED ONLY FOR THE OPTIONAL ECONOMIZER.

WIRING INFORMATION

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

WIRE COLOR CODE

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

ELECTRICAL WIRING DIAGRAM

208/230/460/575V, 3 PHASE 60 HZ.

BELT DRIVE

PACKAGE AIR CONDITIONER

APP. BY DATE DWG. NO. REV
MCB 5-19-05 90-23597-14 01



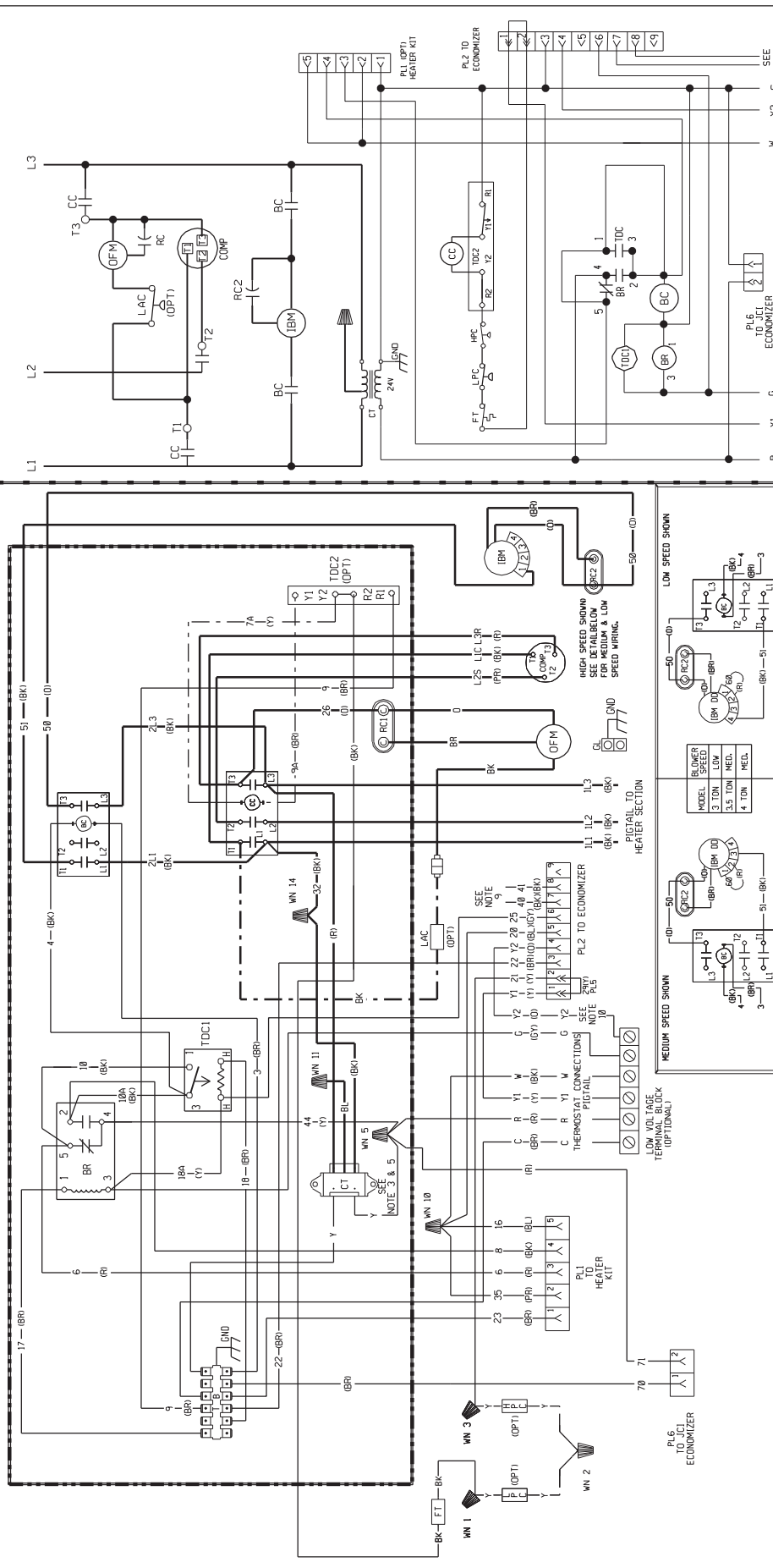


Air

Wiring Diagrams
RLNL/RLPL Series

WIRING DIAGRAM

WIRING SCHEMATIC



COMPONENT CODE

BC BLOWER MOTOR
BR BLOWER RELAY
CC COMPRESSOR CONTACTOR
CMP COMPRESSOR
F1 FREEZE STAT
F2 FREEZE STAT
F3 FREEZE STAT
GND GROUND
HPC HIGH PRESSURE CONTROL
IBMBD INDOOR BLOWER MOTOR BELT DRIVE
LPC LOW PRESSURE CONTROL
LPC LOW PRESSURE CONTROL
OFM OUTDOOR FAN MOTOR
PLUG PLUG
RC RUN CAPACITOR
T1 THERMAL LOCK (LOW VOLTAGE)
T2 THERMAL LOCK (LOW VOLTAGE)
T3 THERMAL LOCK (LOW VOLTAGE)
WN WIRE NUT

NOTES:

- CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
- COMPRESSOR MOTOR THERMALLY PROTECTED, ALL 3 PHASE MODELS.
- CONTROL TRANSFORMER PRIMARY LEADS:
RED-COM, BLUE-208V,
BLACK-230V, BLACK/RED-460V, BLACK/BLUE-575V. TRANSFORMER FACTORY WIRE FOR 230 VOLTS ON 17 & 18 C-1 MODELS. INTERCHANGE FACTORY WIRE FOR 230 VOLTS ON 17 & 18 C-2 MODELS. INTERCHANGE FACTORY WIRE FOR 230 VOLTS ON 17 & 18 C-3 MODELS. INTERCHANGE FACTORY WIRE FOR 230 VOLTS ON 17 & 18 C-4 MODELS. INTERCHANGE FACTORY WIRE FOR 230 VOLTS ON 17 & 18 C-5 MODELS. INTERCHANGE FACTORY WIRE FOR 230 VOLTS ON 17 & 18 C-6 MODELS. INTERCHANGE FACTORY WIRE FOR 230 VOLTS ON 17 & 18 C-7 MODELS. INTERCHANGE FACTORY WIRE FOR 230 VOLTS ON 17 & 18 C-8 MODELS. INTERCHANGE FACTORY WIRE FOR 230 VOLTS ON 17 & 18 C-9 MODELS.
- SUPPLIED PIGTAIL.
- LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER, 24V/50/60 HZ SUPPLIED.
- FUSED DISCONNECT.
- MOTOR FACTORY WIRE FOR CORRECT SPEED.
- SEE WIRING LABEL ON UNIT FUSE BOX FOR FUSE SIZING AND WIRING.
- WIRES FROM PL2 (7 & 8) GO TO THE MIXED AIR SENSOR ON THE OPTIONAL ECONOMIZER.
- Y2 IS USED ONLY FOR THE OPTIONAL ECONOMIZER.

WIRING INFORMATION

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

WIRE COLOR CODE

BK__BLACK GY__GRAY R__RED
BR__BROWN O__ORANGE W__WHITE
BL__BLUE PK__PINK Y__YELLOW
G__GREEN PR__PURPLE

ELECTRICAL WIRING DIAGRAM

460V, 3 PHASE 60 HZ.

DIRECT DRIVE

PACKAGE AIR CONDITIONER

DR. BY APP. BY DATE DWG. NO. REV
MCB 5-19-05 90-23597-15 02



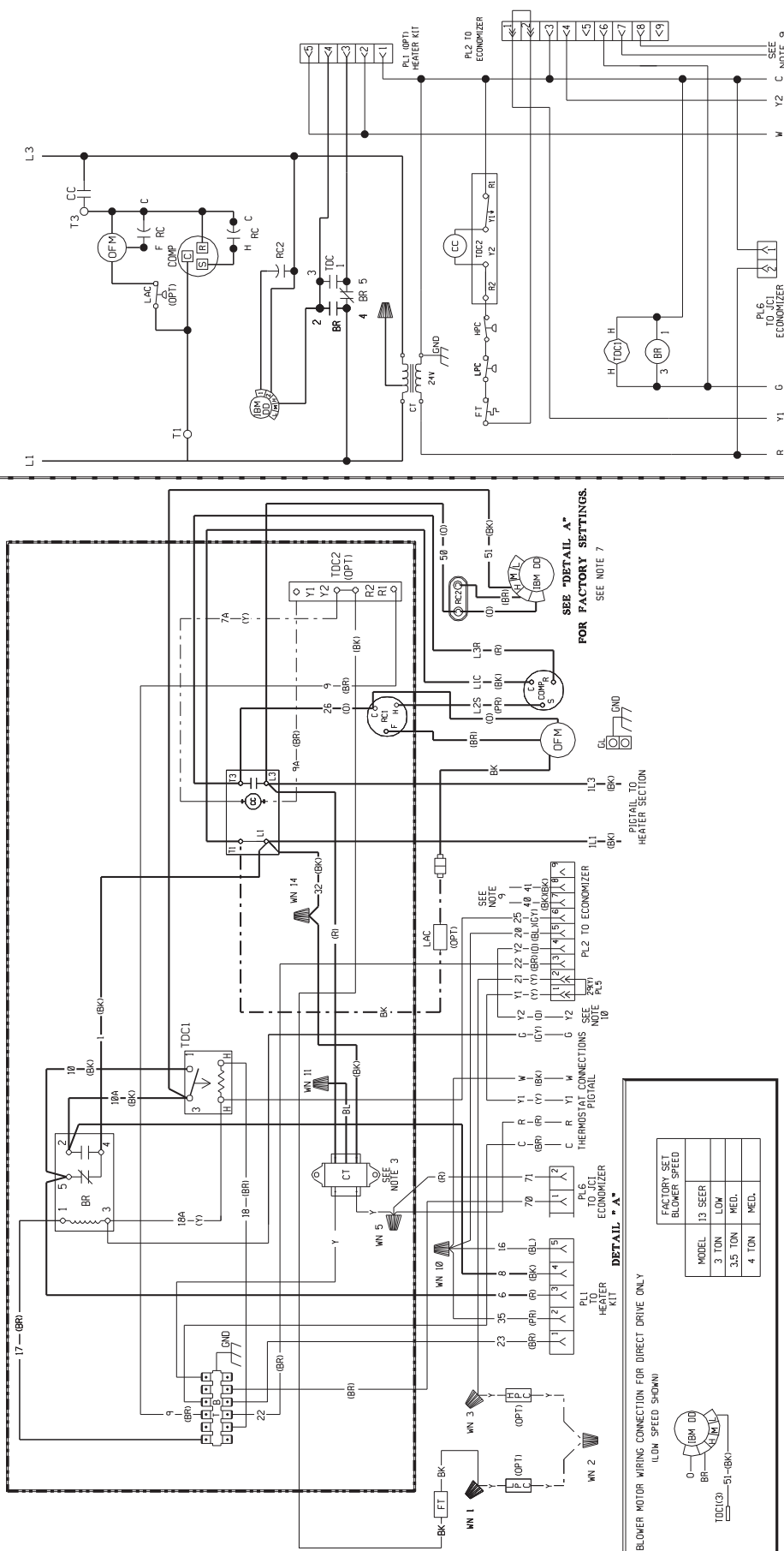
INTEGRATED AIR & WATER



Air

WIRING DIAGRAM

WIRING SCHEMATIC



COMPONENT CODE		WIRING INFORMATION		WIRE COLOR CODE	
BR	BLOWER RELAY	LINE VOLTAGE	-FACTORY STANDARD	BK	BLACK
CC	COMPRESSOR CONTACTOR	-FACTORY OPTION	-FIELD INSTALLED	GY	GRAY
CT	COMPRESSOR THERMAL PROTECTOR	LOW VOLTAGE	-FACTORY STANDARD	BR	BROWN
FT	FUSE	-FACTORY OPTION	-FIELD INSTALLED	BL	BLUE
GL	GROUND LUG	REPLACEMENT WIRE	-MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (105 C MIN.)	G	GREEN
GN	GROUND	-CABINET MUST BE PERMANENTLY GROUND AND CONFORM TO I.E.C., N.E.C., C.E.C. AND LOCAL CODES AS APPLICABLE;		PR	PURPLE
HP	HIGH PRESSURE CONTROL				
IND	INDUCED DRAFT MOTOR DIRECT DRIVE				
LAC	LOW AMBIENT COOLING CONTROL				
LPC	LOW PRESSURE CONTROL				
OFM	OUTDOOR FAN MOTOR				
PLC	PLUMBING CAPACITOR				
PC	PLUMBING CAPACITOR				
TD	TERMINAL BLOCK (LOW VOLTAGE)				
TDC	TIME DELAY CONTROL				
WN	WIRE NUT				



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.

***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 ApplicationsTen (10) Years

Compressor

1 Phase, Residential ApplicationsTen (10) Years

1 & 3 Phase, Commercial Applications.....Five (5) Years

Parts

1 & 3 Phase, Commercial ApplicationsOne (1) Year



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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 AIR & WATER

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