



## Endeavor® Line Achiever® Series Gas Furnaces



### R801T

80% A.F.U.E.†

Heating Stages: Single Stage

Motor Type: Constant Torque

Input Rates: 50-150 kBTU [14.6-44.0 kW]

Configuration Options: Upflow/Horizontal



† A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

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## Features and Benefits

- **PlusOne® Diagnostics:** Industry-first, 7-segment LED for quick & easy service
- **PlusOne® Ignition System:** Proven Direct Spark Ignition (DSI) for reliability and longevity
- **Low Profile, 34-inch Cabinet:** Makes our furnaces ideal for space-constrained installations
- **Hemmed Cabinet & Door Edges and Quarter-Turn Door Fasteners (Upflow/Horizontal only):** Allows for safe, tool-less access and serviceability
- **Removable Heat Exchanger:** Improves serviceability. Aluminized steel construction provides maximum corrosion resistance and thermal fatigue reliability

Gas Furnaces

| <u>R</u> | <u>80</u>          | <u>1</u>          | <u>T</u>            | <u>050</u>                                                                                                                                  | <u>3</u>                                              | <u>A</u>              | <u>14</u>                                                                | <u>UH</u>                 | <u>S</u>                    | <u>N</u>      | <u>A</u>       | <u>S</u>           |
|----------|--------------------|-------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----------------------|--------------------------------------------------------------------------|---------------------------|-----------------------------|---------------|----------------|--------------------|
| Brand    | Furnace Efficiency | Stages of Heating | Motor Type          | Heating Input                                                                                                                               | AC Max. Capacity                                      | Major Series          | Width                                                                    | Position                  | NOx                         | Controls      | Minor Series   | Option Code        |
| R - Ruud | 80 - 80% AFUE      | 1 - Single-Stage  | T - Constant Torque | 050 - 50K BTUH [14.7 kW]<br>075 - 75K BTUH [22.0 kW]<br>100 - 100K BTUH [29.3 kW]<br>125 - 125K BTUH [36.6 kW]<br>150 - 150K BTUH [44.0 kW] | 3 - 3 ton drive<br>4 - 4 ton drive<br>5 - 5 ton drive | A - 1st Design Series | 14 - 14" Width<br>17 - 17.5" Width<br>21 - 21" Width<br>24 - 24.5" Width | UH - Upflow<br>Horizontal | S - Standard<br>N - Low NOx | N - Non-Comm. | A - 1st Series | S - Standard Grade |

[ ] Designates Metric Conversions

| AVAILABLE MODELS   |
|--------------------|
| R801T0503A14UH*NAS |
| R801T0504A17UH*NAS |
| R801T0754A17UH*NAS |
| R801T0754A21UH*NAS |
| R801T1004A17UH*NAS |
| R801T1005A21UH*NAS |
| R801T1255A24UH*NAS |
| R801T1505A24UH*NAS |

\* S = Standard, N = Low NOx

| STANDARD EQUIPMENT                                           |
|--------------------------------------------------------------|
| 100% Safety Lock Out                                         |
| 29-4C Stainless Steel Secondary Heat Exchanger Design        |
| Adjustable Cool Fan Off Delay                                |
| Aluminized steel primary heat exchanger design               |
| Blower Compartment Door Safety Switch                        |
| Completely assembled and wired                               |
| Direct Drive Motor                                           |
| Solid State On/Off Blower Time Control                       |
| Fully Insulated Heat Exchanger Cabinet                       |
| Humidifier Terminal Connection                               |
| Induced Draft Motor                                          |
| Limit Controls                                               |
| Low Speed Continuous Fan Option                              |
| Manual Shut-Off Valve                                        |
| One Hour Automatic Retry                                     |
| Power And Self-Test Diagnostics                              |
| Pressure Switch                                              |
| 5 Speed Constant Torque Electrically Commutated Blower Motor |
| Redundant Main Gas Control                                   |
| Single Stage Heating Thermostat Connection                   |
| Blower Insulation                                            |
| Solid Bottom                                                 |
| Electrical Air Cleaner Terminal                              |

**WARNING**  
THIS FURNACE IS NOT APPROVED  
OR RECOMMENDED  
FOR USE IN MOBILE HOMES

## Physical Data and Specifications—Upflow Models

| MODEL NUMBERS R801T                    | R801T0503                             | R801T0504                             | R801T0754                             | R801T0754                             | R801T1004                             | R801T1005                             | R801T1255                             | R801T1505                             |
|----------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Constant Tq-UH Series                  | A14UH*NAS                             | A17UH*NAS                             | A17UH*NAS                             | A21UH*NAS                             | A17UH*NAS                             | A21UH*NAS                             | A24UH*NAS                             | A24UH*NAS                             |
| Input-BTU/Hr [kW]                      | 50,000 [15]                           | 50,000 [15]                           | 75,000 [22]                           | 75,000 [22]                           | 100,000 [29]                          | 100,000 [29]                          | 125,000 [37]                          | 150,000 [44]                          |
| Heating Capacity<br>BTU/Hr [kW] ①      | 40,000 [12]                           | 40,000 [12]                           | 60,000 [18]                           | 60,000 [18]                           | 80,000 [23]                           | 80,000 [23]                           | 100,000 [29]                          | 120,000 [35]                          |
| Blower (D x W) [mm]                    | 11 x 6<br>[279 x 152]                 | 11 x 7<br>[279 x 178]                 | 11 x 7<br>[279 x 178]                 | 11 x 7<br>[279 x 178]                 | 11 x 7<br>[279 x 178]                 | 11 x 10<br>[279 x 254]                | 11 x 10<br>[279 x 254]                | 11 x 10<br>[279 x 254]                |
| Motor H.P. [W] Type                    | 1/2 [373]<br>5 Spd Constant<br>Torque | 3/4 [560]<br>5 Spd Constant<br>Torque | 1/2 [373]<br>5 Spd Constant<br>Torque | 3/4 [560]<br>5 Spd Constant<br>Torque | 3/4 [560]<br>5 Spd Constant<br>Torque | 3/4 [560]<br>5 Spd Constant<br>Torque | 3/4 [560]<br>5 Spd Constant<br>Torque | 3/4 [560]<br>5 Spd Constant<br>Torque |
| Min. Circuit Ampacity                  | 8                                     | 11                                    | 9                                     | 9                                     | 9                                     | 10                                    | 10                                    | 10                                    |
| Min. Overload<br>Protection Device     | 15                                    | 15                                    | 15                                    | 15                                    | 15                                    | 15                                    | 15                                    | 15                                    |
| Max. Overload<br>Protection Device     | 15                                    | 15                                    | 15                                    | 15                                    | 15                                    | 15                                    | 15                                    | 15                                    |
| Motor Full Load Amps                   | 6.1                                   | 9.6                                   | 6.1                                   | 9.6                                   | 9.6                                   | 9.6                                   | 9.6                                   | 9.6                                   |
| Heating Speed                          | Med                                   | Med-Low                               | Med                                   | Med-High                              | Med-High                              | Med                                   | Med-High                              | Med-High                              |
| Cooling Speed                          | High                                  | High                                  | High                                  | High                                  | High                                  | High                                  | High                                  | High                                  |
| Cooling CFM @ Rating<br>Point [L/s]    | 1305<br>[616]                         | 1450<br>[684]                         | 1402<br>[662]                         | 1608<br>[759]                         | 1402<br>[662]                         | 1840<br>[868]                         | 1934<br>[913]                         | 1934<br>[913]                         |
| Max. E.S.P. (In. W.C.) [kPa]           | .9 [0.224]                            | .9 [0.224]                            | .9 [0.224]                            | .9 [0.224]                            | .9 [0.224]                            | .9 [0.224]                            | .9 [0.224]                            | .9 [0.224]                            |
| Temperature Rise<br>Range °F [°C]      | 25-55<br>[13.9-30.6]                  | 25-55<br>[13.9-30.6]                  | 25-55<br>[13.9-30.6]                  | 25-55<br>[13.9-30.6]                  | 40-70<br>[22-39]                      | 40-70<br>[22-39]                      | 35-65<br>[19.4-36.1]                  | 45-75<br>[25-42]                      |
| Approx. Shipping<br>Weight (Lbs.) [kg] | 104.5<br>[47]                         | 110<br>[50]                           | 117.5<br>[53]                         | 135<br>[61]                           | 131.5<br>[60]                         | 140<br>[64]                           | 143.5<br>[65]                         | 155.5<br>[71]                         |
| AFUE ②                                 | 80.0%                                 | 80.0%                                 | 80.0%                                 | 80.0%                                 | 80.0%                                 | 80.0%                                 | 80.0%                                 | 80.0%                                 |

**NOTES:** All models are 115V, 60HZ, 1 Ph. Gas connection size for all models is 1/2" [13 mm] N.P.T.

① In accordance with D.O.E. test procedures.

② See Conversion Kit Index Form for high altitude derate.

\*4 075k 17.5" is wired for 3 tons AC.

\*S=Standard, N=Low NOx

This furnace does not meet air district requirements of 14 ng/J NOx emissions limit, and thus is subject to a mitigation fee of up to \$450.

This furnace is to be installed for propane firing only in air districts requiring 14 ng/J NOx emission limits. Operating in natural gas mode is in violation of these Rules.

[ ] Designates Metric Conversions

Upflow Application

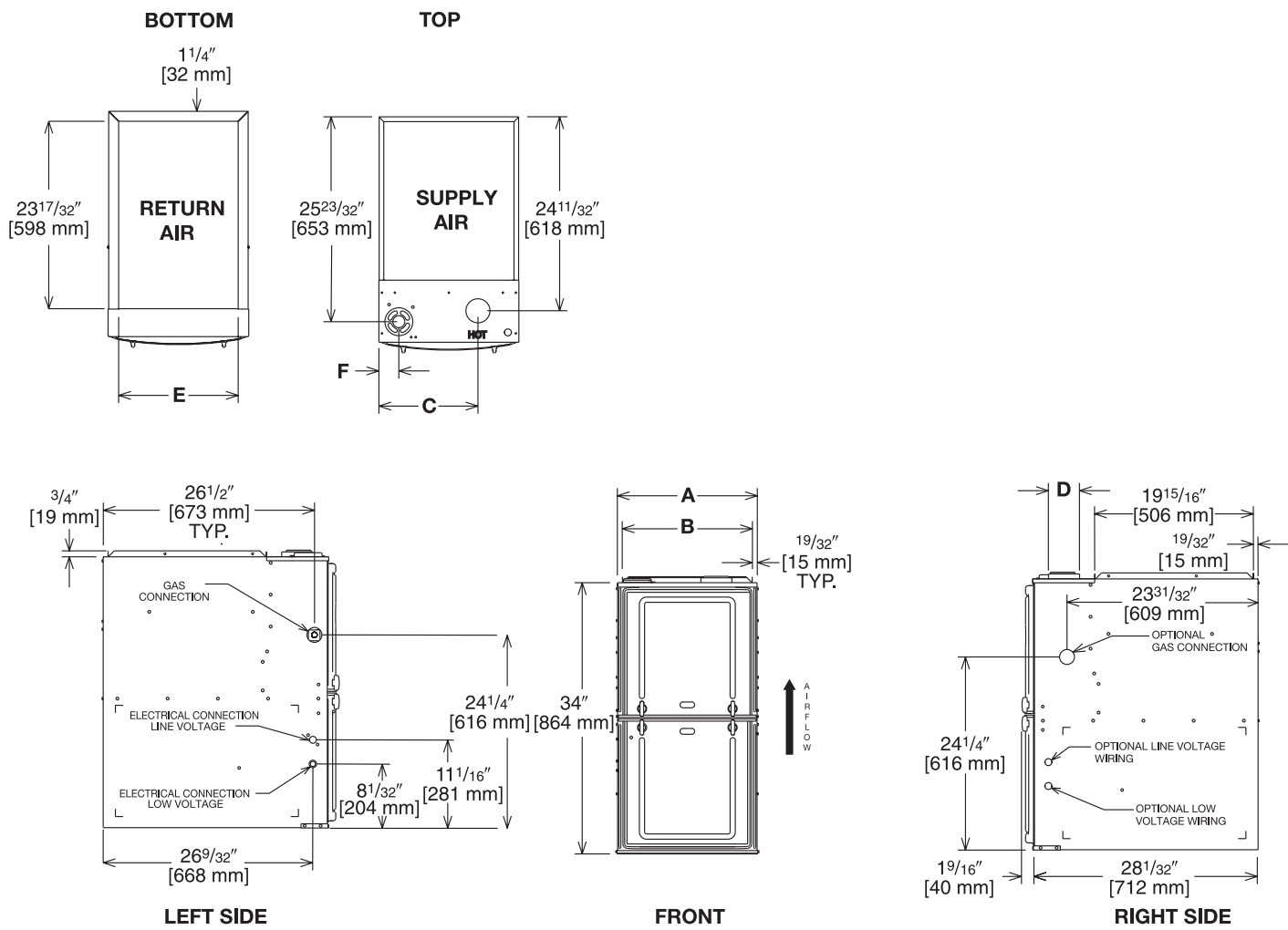


Illustration  
ST-A1220-04-00  
FIGURE 1

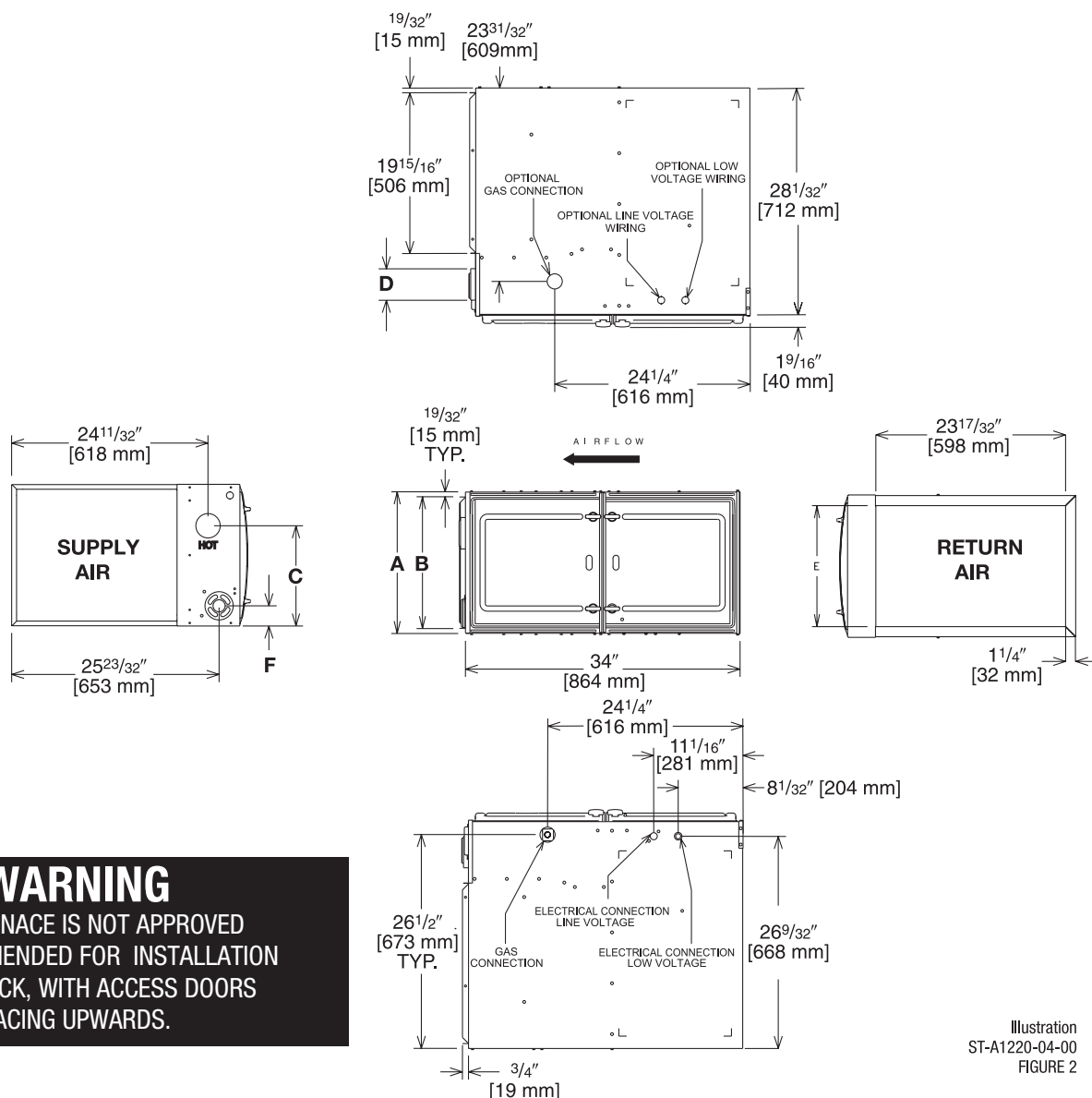
Dimensional Data: Upflow Model

| MODEL<br>R801T-             | A            | B                                      | C                                    | D | E            | F                                  | MINIMUM CLEARANCE (IN.) [mm] |               |      |        |        |           |
|-----------------------------|--------------|----------------------------------------|--------------------------------------|---|--------------|------------------------------------|------------------------------|---------------|------|--------|--------|-----------|
|                             |              |                                        |                                      |   |              |                                    | LEFT<br>SIDE                 | RIGHT<br>SIDE | BACK | TOP    | FRONT  | VENT      |
| 0503A14                     | 14 [356]     | 12 <sup>27</sup> / <sub>32</sub> [326] | 10 <sup>5</sup> / <sub>8</sub> [270] | ① | 11 1/2 [292] | 1 <sup>7</sup> / <sub>8</sub> [48] | 0                            | 4 [102] ②     | 0    | 1 [25] | 3 [76] | 6 [152] ③ |
| 0504A17/<br>0754A17/1004A17 | 17 1/2 [445] | 16 <sup>11</sup> / <sub>32</sub> [415] | 12 <sup>3</sup> / <sub>8</sub> [314] | ① | 15 [381]     | 2 1/2 [64]                         | 0                            | 3 [76] ②      | 0    | 1 [25] | 3 [76] | 6 [152] ③ |
| 0754A21/1005A21             | 21 [533]     | 19 <sup>27</sup> / <sub>32</sub> [504] | 14 1/8 [359]                         | ① | 18 1/2 [470] | 2 1/2 [64]                         | 0                            | 0             | 0    | 1 [25] | 3 [76] | 6 [152] ③ |
| 125                         | 24 1/2 [622] | 23 <sup>11</sup> / <sub>32</sub> [593] | 15 <sup>7</sup> / <sub>8</sub> [403] | ① | 22 [559]     | 2 1/2 [64]                         | 0                            | 0             | 0    | 1 [25] | 3 [76] | 6 [152] ③ |
| 150                         | 24 1/2 [622] | 23 <sup>11</sup> / <sub>32</sub> [593] | 15 <sup>7</sup> / <sub>8</sub> [403] | ① | 22 [559]     | 2 1/2 [64]                         | 0                            | 0             | 0    | 1 [25] | 3 [76] | 6 [152] ③ |

NOTES: ① May require a 3" [76 mm] to 4" [102 mm] or 3" [76 mm] to 5" [127 mm] adapter.  
② May be 0" [0 mm] with type B vent.  
③ May be 1" [25 mm] with type B vent.  
Furnaces must be vented in accordance with the National Fuel Gas Code, ANSI Z223.1 and in accordance with local codes.

[ ] Designates Metric Conversions

## Horizontal Application



**WARNING**  
THIS FURNACE IS NOT APPROVED  
OR RECOMMENDED FOR INSTALLATION  
ON ITS BACK, WITH ACCESS DOORS  
FACING UPWARDS.

Illustration  
ST-A1220-04-00  
FIGURE 2

## Dimensional Data: Horizontal Model

| MODEL<br>R801T-             | A                | B                  | C                | D | E                | F              | MINIMUM CLEARANCE (IN.) [mm] |                    |      |        |        |           |
|-----------------------------|------------------|--------------------|------------------|---|------------------|----------------|------------------------------|--------------------|------|--------|--------|-----------|
|                             |                  |                    |                  |   |                  |                | SUPPLY<br>AIR SIDE           | RETURN<br>AIR SIDE | BACK | TOP    | FRONT  | VENT      |
| 0503A14                     | 14 [356]         | $12^{27}/32$ [326] | $10^{5}/8$ [270] | ① | $11^{1}/2$ [292] | $1^{7}/8$ [48] | 4 [102] ②                    | 4 [102] ②          | 0    | 1 [25] | 3 [76] | 6 [152] ③ |
| 0504A17/<br>0754A17/1004A17 | $17^{1}/2$ [445] | $16^{11}/32$ [415] | $12^{3}/8$ [314] | ① | 15 [381]         | $2^{1}/2$ [64] | 3 [76] ②                     | 3 [76] ②           | 0    | 1 [25] | 3 [76] | 6 [152] ③ |
| 0755A21/1005A21             | 21 [533]         | $19^{27}/32$ [504] | $14^{1}/8$ [359] | ① | $18^{1}/2$ [470] | $2^{1}/2$ [64] | 0                            | 0                  | 0    | 1 [25] | 3 [76] | 6 [152] ③ |
| 125                         | $24^{1}/2$ [622] | $23^{11}/32$ [593] | $15^{7}/8$ [403] | ① | 22 [559]         | $2^{1}/2$ [64] | 0                            | 0                  | 0    | 1 [25] | 3 [76] | 6 [152] ③ |
| 150                         | $24^{1}/2$ [622] | $23^{11}/32$ [593] | $15^{7}/8$ [403] | ① | 22 [559]         | $2^{1}/2$ [64] | 0                            | 0                  | 0    | 1 [25] | 3 [76] | 6 [152] ③ |

NOTES: ① May require a 3" [76 mm] to 4" [102 mm] or 3" [76 mm] to 5" [127 mm] adapter.

② May be 0" [0 mm] with type B vent.

③ May be 1" [25 mm] with type B vent.

Furnaces must be vented in accordance with the National Fuel Gas Code, ANSI Z223.1 and in accordance with local codes.

[ ] Designates Metric Conversions

## Blower Performance Data

| AIR FLOW PERFORMANCE - 80% SINGLE STAGE UPFLOW/HORIZONTAL CONSTANT TORQUE |                                |                              |                                                                              |               |               |               |               |               |               |               |               |               |
|---------------------------------------------------------------------------|--------------------------------|------------------------------|------------------------------------------------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| INPUT [BTU]<br>CABINET<br>WIDTH [IN]                                      | AIRFLOW<br>CONTROL<br>SETTINGS | SPEED TAP/<br>WIRE<br>COLORS | CFM [L/s] AIR DELIVERY<br>EXTERNAL STATIC PRESSURE INCHES WATER COLUMN [KPA] |               |               |               |               |               |               |               |               |               |
|                                                                           |                                |                              | 0.1<br>[0.02]                                                                | 0.2<br>[0.05] | 0.3<br>[0.07] | 0.4<br>[0.10] | 0.5<br>[0.12] | 0.6<br>[0.15] | 0.7<br>[0.17] | 0.8<br>[0.19] | 0.9<br>[0.22] | 1.0<br>[0.25] |
| 50K 14"                                                                   | Factory Setting Fan            | Low/Red                      | 915                                                                          | 777           | 674           | 598           | 541           | 498           | 460           | 419           | 370           | 304           |
|                                                                           | Cool                           | Medium Low/Yellow            | 963                                                                          | 894           | 834           | 781           | 733           | 689           | 646           | 602           | 555           | 504           |
|                                                                           | Heat or Heat/Cool              | Medium/Purple                | 997                                                                          | 976           | 947           | 911           | 870           | 825           | 779           | 732           | 687           | 646           |
|                                                                           | Cool                           | Medium High/Blue             | 1123                                                                         | 1130          | 1121          | 1101          | 1071          | 1036          | 997           | 957           | 920           | 888           |
|                                                                           | Factory Setting Cooling        | High/Black                   | 1246                                                                         | 1244          | 1232          | 1211          | 1185          | 1154          | 1121          | 1087          | 1054          | 1024          |
| 50K 17"                                                                   | Factory Setting Fan            | Low/Red                      | 856                                                                          | 793           | 733           | 661           | 604           | 543           | 495           | 443           | 397           | 363           |
|                                                                           | Heat or Heat/Cool              | Medium Low/Yellow            | 1019                                                                         | 971           | 921           | 848           | 812           | 756           | 697           | 659           | 593           | 549           |
|                                                                           | Cool                           | Medium/Purple                | 1131                                                                         | 1080          | 1035          | 984           | 951           | 881           | 845           | 792           | 741           | 699           |
|                                                                           | Cool                           | Medium High/Blue             | 1312                                                                         | 1279          | 1232          | 1191          | 1149          | 1087          | 1041          | 1013          | 973           | 933           |
|                                                                           | Factory Setting Cooling        | High/Black                   | 1643                                                                         | 1608          | 1571          | 1525          | 1500          | 1470          | 1437          | 1409          | 1360          | 1351          |
| 75K 17"                                                                   | Factory Setting Fan            | Low/Red                      | 832                                                                          | 796           | 725           | 663           | 580           | 505           | 449           | 405           | 374           | 319           |
|                                                                           | Cool                           | Medium Low/Yellow            | 978                                                                          | 975           | 905           | 857           | 799           | 722           | 666           | 600           | 548           | 516           |
|                                                                           | Heat or Heat/Cool              | Medium/Purple                | 1240                                                                         | 1215          | 1167          | 1144          | 1091          | 1039          | 997           | 951           | 898           | 842           |
|                                                                           | Cool                           | Medium High/Blue             | 1363                                                                         | 1284          | 1246          | 1256          | 1211          | 1157          | 1114          | 1071          | 1024          | 974           |
|                                                                           | Factory Setting Cooling        | High/Black                   | 1776                                                                         | 1716          | 1655          | 1637          | 1609          | 1604          | 1591          | 1554          | 1520          | 1476          |
| 75K 21"                                                                   | Factory Setting Fan            | Low/Red                      | 1216                                                                         | 1174          | 1132          | 1088          | 1043          | 998           | 952           | 905           | 858           | 811           |
|                                                                           | Cool                           | Medium Low/Yellow            | 1314                                                                         | 1271          | 1229          | 1188          | 1147          | 1105          | 1063          | 1019          | 974           | 926           |
|                                                                           | Cool                           | Medium/Purple                | 1354                                                                         | 1312          | 1269          | 1229          | 1190          | 1150          | 1109          | 1066          | 1021          | 973           |
|                                                                           | Heat or Heat/Cool              | Medium High/Blue             | 1397                                                                         | 1351          | 1308          | 1266          | 1225          | 1184          | 1144          | 1105          | 1065          | 1024          |
|                                                                           | Factory Setting Cooling        | High/Black                   | 1686                                                                         | 1659          | 1628          | 1595          | 1559          | 1524          | 1489          | 1455          | 1426          | 1400          |
| 100K 17"                                                                  | Factory Setting Fan            | Low/Red                      | 1057                                                                         | 1018          | 966           | 903           | 851           | 793           | 737           | 676           | 618           | 566           |
|                                                                           | Cool                           | Medium Low/Yellow            | 1159                                                                         | 1105          | 1061          | 1010          | 956           | 913           | 855           | 792           | 740           | 697           |
|                                                                           | Cool                           | Medium/Purple                | 1229                                                                         | 1201          | 1159          | 1101          | 1053          | 1003          | 953           | 897           | 850           | 804           |
|                                                                           | Heat or Heat/Cool              | Medium High/Blue             | 1368                                                                         | 1358          | 1310          | 1270          | 1225          | 1180          | 1134          | 1086          | 1044          | 998           |
|                                                                           | Factory Setting Cooling        | High/Black                   | 1574                                                                         | 1532          | 1493          | 1455          | 1414          | 1379          | 1341          | 1309          | 1274          | 1236          |
| 100K 21"                                                                  | Factory Setting Fan            | Low/Red                      | 1277                                                                         | 1211          | 1165          | 1103          | 1035          | 967           | 861           | 800           | 740           | 692           |
|                                                                           | Cool                           | Medium Low/Yellow            | 1556                                                                         | 1498          | 1456          | 1409          | 1353          | 1308          | 1254          | 1198          | 1125          | 1083          |
|                                                                           | Heat or Heat/Cool              | Medium/Purple                | 1644                                                                         | 1597          | 1554          | 1511          | 1463          | 1400          | 1358          | 1304          | 1253          | 1192          |
|                                                                           | Cool                           | Medium High/Blue             | 1879                                                                         | 1842          | 1785          | 1729          | 1692          | 1674          | 1621          | 1579          | 1537          | 1501          |
|                                                                           | Factory Setting Cooling        | High/Black                   | 2071                                                                         | 2025          | 1992          | 1948          | 1902          | 1872          | 1840          | 1795          | 1750          | 1713          |
| 125K 24"                                                                  | Factory Setting Fan            | Low/Red                      | 1261                                                                         | 1214          | 1122          | 1040          | 967           | 897           | 827           | 752           | 688           | 616           |
|                                                                           | Cool                           | Medium Low/Yellow            | 1670                                                                         | 1611          | 1555          | 1503          | 1428          | 1369          | 1316          | 1259          | 1203          | 1148          |
|                                                                           | Cool                           | Medium/Purple                | 1811                                                                         | 1758          | 1699          | 1646          | 1589          | 1534          | 1483          | 1428          | 1378          | 1349          |
|                                                                           | Heat or Heat/Cool              | Medium High/Blue             | 1889                                                                         | 1831          | 1779          | 1722          | 1673          | 1616          | 1577          | 1527          | 1472          | 1425          |
|                                                                           | Factory Setting Cooling        | High/Black                   | 1967                                                                         | 1917          | 1862          | 1805          | 1745          | 1680          | 1642          | 1594          | 1552          | 1502          |
| 150K 24"                                                                  | Factory Setting Fan            | Low/Red                      | 1423                                                                         | 1347          | 1309          | 1236          | 1169          | 1125          | 1067          | 984           | 908           | 853           |
|                                                                           | Cool                           | Medium Low/Yellow            | 1769                                                                         | 1718          | 1671          | 1620          | 1568          | 1517          | 1465          | 1417          | 1370          | 1323          |
|                                                                           | Cool                           | Medium/Purple                | 1942                                                                         | 1866          | 1850          | 1815          | 1754          | 1687          | 1655          | 1611          | 1529          | 1515          |
|                                                                           | Heat or Heat/Cool              | Medium High/Blue             | 2008                                                                         | 1967          | 1905          | 1855          | 1811          | 1767          | 1716          | 1673          | 1624          | 1590          |
|                                                                           | Factory Setting Cooling        | High/Black                   | 2090                                                                         | 2029          | 1985          | 1925          | 1916          | 1870          | 1802          | 1774          | 1732          | 1692          |

**BOTTOM RETURN FILTER RACK FOR  
UPFLOW APPLICATION: RXGF-CB****SIDE RETURN FILTER RACK: RXGF-CD**

| FILTER RACK FILTER SIZES* INCHES [mm]                |                                                    |                                                    |
|------------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| MODEL                                                | RXGF-CB<br>(UPFLOW/<br>HORIZONTAL)                 | RXGF-CD<br>(UPFLOW)<br>SIDE RETURN                 |
| (-)801T0503A14                                       | 12 <sup>1</sup> / <sub>4</sub> x 25<br>[311 x 635] | 15 <sup>3</sup> / <sub>4</sub> x 25<br>[400 x 635] |
| (-)801T0504A17/<br>(-)801T0754A17/<br>(-)801T1004A17 | 15 <sup>3</sup> / <sub>4</sub> x 25<br>[400 x 635] | 15 <sup>3</sup> / <sub>4</sub> x 25<br>[400 x 635] |
| (-)801T0755A21/<br>(-)801T1005A21                    | 19 <sup>1</sup> / <sub>4</sub> x 25<br>[489 x 635] | 15 <sup>3</sup> / <sub>4</sub> x 25<br>[400 x 635] |
| (-)801T1255A24/<br>(-)801T1505A24                    | 22 <sup>3</sup> / <sub>4</sub> x 25<br>[578 x 635] | 15 <sup>3</sup> / <sub>4</sub> x 25<br>[400 x 635] |

**4" FLUE ADAPTER: RXGW-C01****Indoor Coil Casings**

| MODEL<br>NUMBER |
|-----------------|
| RXBC-D14AI      |
| RXBC-D17AI      |
| RXBC-D21AI      |
| RXBC-D21BI      |
| RXBC-D24AI      |

**WARNING: IMPORTANT NOTICE**

A SOLID METAL BASE PLATE (SEE TABLE) MUST BE IN PLACE WHEN THE FURNACE IS INSTALLED WITH SIDE AIR RETURN DUCTS. FAILURE TO INSTALL A BASE PLATE COULD CAUSE PRODUCTS OF COMBUSTION TO BE CIRCULATED INTO THE LIVING SPACE AND CREATE POTENTIALLY HAZARDOUS CONDITIONS.

| FURNACE<br>WIDTH<br>IN. [mm]         | SOLID<br>BOTTOM<br>KIT NO. | BASE<br>PLATE NO. | BASE<br>PLATE SIZE<br>IN. [mm]                                               |
|--------------------------------------|----------------------------|-------------------|------------------------------------------------------------------------------|
| 14 [356]                             | RXGB-D14                   | AE-61874-01       | 11 <sup>5</sup> / <sub>8</sub> x 23 <sup>9</sup> / <sub>16</sub> [295 x 598] |
| 17 <sup>1</sup> / <sub>2</sub> [445] | RXGB-D17                   | AE-61874-02       | 15 <sup>1</sup> / <sub>8</sub> x 23 <sup>9</sup> / <sub>16</sub> [384 x 598] |
| 21 [533]                             | RXGB-D21                   | AE-61874-03       | 18 <sup>5</sup> / <sub>8</sub> x 23 <sup>9</sup> / <sub>16</sub> [473 x 598] |
| 24 <sup>1</sup> / <sub>2</sub> [622] | RXGB-D24                   | AE-61874-04       | 25 <sup>5</sup> / <sub>8</sub> x 23 <sup>9</sup> / <sub>16</sub> [651 x 598] |

**For High Altitudes****OPTION CODE FOR HIGH ALTITUDE: U.S.**

None required for high altitudes.

**HIGH ALTITUDE CONVERSION KITS: U.S.**

None required for high altitudes.

**80+ HIGH ALTITUDE INSTRUCTIONS**

**CAUTION:** Always follow National Fuel Gas Code (NFGC) guidelines when converting for high altitudes.

High altitude option codes are not required for these models. However, the burner orifice size needs to be recalculated and verified at elevations above 2000 ft. See Installation Instructions for more information.

**L.P. CONVERSION KIT: RXGJ-FP15**

[ ] Designates Metric Conversions







## GENERAL TERMS OF LIMITED WARRANTY\*

Ruud will furnish a replacement for any part of this product which fails in normal use and service within the applicable period 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<br>(Registration Required) ..... | Ten (10) Years    |
| Heat Exchanger .....                               | Twenty (20) Years |

**Before proceeding with installation, refer to installation instructions packaged with each model, as well as complying with all Federal, State, Provincial, and Local codes, regulations, and practices.**

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

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