

# GAS FURNACES



## CLASSIC® 90 PLUS® HIGH EFFICIENCY UPFLOW GAS FURNACES

The Rheem® 90 Plus High Efficiency line of upflow gas furnaces are designed for utility rooms, closets or alcoves. **Because of the low-profile 34 inch height, the RGRA-model installed vertically can satisfy most applications that traditionally call for a horizontal furnace.**

The design is certified by CSA.

### Features

- Heat exchanger is constructed of all stainless steel for maximum corrosion resistance and thermal fatigue reliability.
- Low profile "34 inch" design is lighter and easier to handle and leaves room for optional accessories.
- Left or right side gas, electric, and condensate drainage connections on upflow models.
- Integrated control board manages all operational functions and provides hookups for humidifier and electronic air cleaner.
- An insulated blower compartment, a slow-opening gas valve and a specially designed inducer system make it one of the quietest furnaces on the market today.
- Pre-paint galvanized steel cabinet.
- Molded permanent filters.
- Optional indoor or outdoor combustion air. In addition, combustion air may be piped to either the top or side of the cabinet on all upflow models. A special molded fitting is provided to ease installation.
- Transformer and control fuse protection.
- Solid bottom is standard.
- Control board diagnostics.

A variety of cooling coils and plenums designed to use with the Classic 90 Plus gas furnaces are available as optional accessories for air conditioning models.

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

### RGRA- SERIES

**Models with Input Rates  
from 45,000 to 120,000 BTU/HR  
[13.19 to 35.17 kW]**

(All Models 90% A.F.U.E.† or Above)

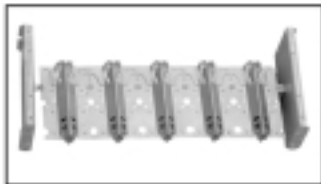




# CLASSIC 90 PLUS HIGH EFFICIENCY UPFLOW GAS FURNACE



PRIMARY AND SECONDARY  
HEAT EXCHANGER



IN-SHOT BURNERS



PRESSURE SWITCHES

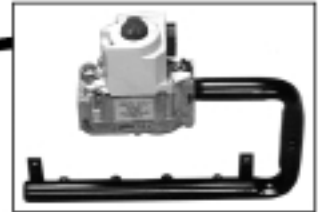


INTEGRATED  
FURNACE  
CONTROL

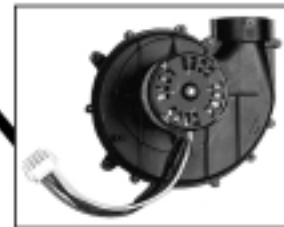
REMOTE  
SENSOR



DIRECT SPARK IGNITION &  
REMOTE SENSOR



GAS VALVE AND  
MANIFOLD



DRAFT INDUCER

## STANDARD EQUIPMENT

Completely assembled and wired; heat exchanger; primary: 409 and aluminized 409 stainless steel, secondary: 29-4C stainless steel; induced draft; pressure switches; redundant main gas control; blower compartment door safety switch; solid state time on/off blower control; limit controls; manual shut-off valve; 100% safety lock out; cool fan off delay; field selectable heat fan off delay; one hour automatic retry; power and self-test diagnostics; flame sense current diagnostics; electronic air cleaner connections; twinning (built-in) features; humidifier connections; humidifier on/off delay; low speed continuous fan option; single speed option for heating and cooling applications; pressure regulator for natural and L.P. (propane) gasses; transformer; direct drive, multi-speed blower motor. (Please note: a thermostat is not included as standard equipment.)

## OPTIONAL EQUIPMENT

Side and bottom filter racks; return air cabinet for all sizes.

NOTE: Furnace is not listed for use with fuels other than natural or L.P. (propane) gas.

All models can be converted by a qualified distributor or local service dealer to use L.P. (propane) gas without changing burners. Factory approved kits must be used to convert from natural to L.P. (propane) gas and may be ordered as optional accessories from a parts distributor.

For L.P. (propane) operation, refer to Conversion Kit Index Form.

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

# PHYSICAL DATA AND SPECIFICATIONS—UPFLOW MODELS

## U.S. and Canadian Models

| MODEL NUMBERS                                    | RGRA-04EMAES                         | RGRA-06EMAES                         | RGRA-07EMAES                         | RGRA-07EYBGS                         | RGRA-09EZAJS                         | RGRA-10EZAJS                         | RGRA-12ERAJS                         |
|--|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| INPUT—BTU/HR [kW] ①                              | 45,000 [13.19]                       | 60,000 [17.58]                       | 75,000 [21.98]                       | 75,000 [21.98]                       | 90,000 [26.38]                       | 105,000 [30.77]                      | 120,000 [35.17]                      |
| HEATING CAPACITY BTU/HR [kW]                     | 42,000 [12.31]                       | 56,000 [16.41]                       | 70,000 [20.51]                       | 70,000 [20.51]                       | 84,000 [24.62]                       | 97,000 [28.43]                       | 113,000 [33.12]                      |
| HIGH ALTITUDE INPUT [kW] ②                       | 40,500 [11.87]                       | 54,000 [15.83]                       | 67,500 [19.78]                       | 67,500 [19.78]                       | 81,000 [23.74]                       | 94,500 [27.70]                       | 108,000 [31.65]                      |
| HIGH ALTITUDE OUTPUT CAPACITY [kW] ②             | 37,800 [11.07]                       | 50,400 [14.77]                       | 63,000 [18.46]                       | 63,000 [18.46]                       | 76,000 [22.27]                       | 87,500 [25.64]                       | 100,000 [29.31]                      |
| BLOWER (D x W) [mm]                              | 11 x 7<br>[279 x 178]                | 11 x 7<br>[279 x 178]                | 11 x 7<br>[279 x 178]                | 12 x 7<br>[305 x 178]                | 12 x 11<br>[305 x 279]               | 12 x 11<br>[305 x 279]               | 11 x 10<br>[279 x 254]               |
| MOTOR H.P. [W]—SPEEDS—TYPE                       | 1/2 [373]-4-PSC                      | 1/2 [373]-4-PSC                      | 1/2 [373]-4-PSC                      | 3/4 [559]-4-PSC                      | 3/4 [559]-4-PSC                      | 3/4 [559]-4-PSC                      | 3/4 [559]-4-PSC                      |
| MOTOR FULL LOAD AMPS                             | 6.8                                  | 6.8                                  | 6.8                                  | 9.5                                  | 9.5                                  | 9.5                                  | 9.5                                  |
| HEATING SPEED                                    | MED-LO                               | MED-LO                               | MED-HI                               | MED-LO                               | MED-LO                               | MED-LO                               | MED-LO                               |
| COOLING SPEED                                    | HIGH                                 | HIGH                                 | HIGH                                 | HIGH                                 | HIGH                                 | HIGH                                 | HIGH                                 |
| HEAT EXT. STATIC PRESSURE (IN. W.C.) [kPa]       | .10 [.025]                           | .12 [.029]                           | .12 [.029]                           | .12 [.029]                           | .15 [.037]                           | .20 [.049]                           | .20 [.049]                           |
| RATED EXT. STATIC PRESSURE (IN. W.C.) [kPa]      | .50 [.124]                           | .50 [.124]                           | .50 [.124]                           | .50 [.124]                           | .50 [.124]                           | .50 [.124]                           | .50 [.124]                           |
| HEATING CFM @ .2" [.049 kPa] W.C. E.S.P. [L/s]   | 885 [417]                            | 845 [398]                            | 1050 [495]                           | 1275 [600]                           | 1465 [691]                           | 1445 [682]                           | 1580 [745]                           |
| COOLING CFM @ .5" [.124 kPa] W.C. E.S.P. [L/s]   | 1195 [564]                           | 1100 [519]                           | 1110 [524]                           | 1540 [725]                           | 1910 [901]                           | 1810 [854]                           | 1900 [897]                           |
| TEMPERATURE RISE RANGE °F [°C]                   | 30-60<br>[16.7-33.3]                 | 40-70<br>[22.2-38.9]                 | 45-75<br>[25-41.7]                   | 40-70<br>[22.2-38.9]                 | 35-65<br>[19.4-36.1]                 | 50-80<br>[27.8-44.4]                 | 50-80<br>[27.8-44.4]                 |
| RETURN AIR CABINETS (OPT.) RXGR-FILTER SIZE [mm] | C17B<br>(2) 12" x 16"<br>[305 x 406] | C17B<br>(2) 12" x 16"<br>[305 x 406] | C17B<br>(2) 12" x 16"<br>[305 x 406] | C21B<br>(2) 12" x 20"<br>[305 x 508] | C21B<br>(2) 20" x 16"<br>[508 x 406] | C21B<br>(2) 20" x 16"<br>[508 x 406] | C24B<br>(2) 24" x 16"<br>[609 x 406] |
| STANDARD, HIGH VELOCITY PERMANENT FILTER (IN.)   | 153/4 x 25 x 1                       | 153/4 x 25 x 1                       | 153/4 x 25 x 1                       | 153/4 x 25 x 1                       | 191/4 x 25 x 1                       | 191/4 x 25 x 1                       | 223/4 x 25 x 1                       |
| APPROX. SHIPPING WEIGHT (LBS.) [kg]              | 111 [50.3]                           | 117 [53.1]                           | 123 [55.8]                           | 123 [55.8]                           | 148 [67.1]                           | 152 [68.9]                           | 160 [72.6]                           |
| AFUE ③   | 93.5%                                | 92.5%                                | 92.8%                                | 92.0%                                | 93.5%                                | 92.0%                                | 93.5%                                |
| CALIFORNIA SEASONAL EFFICIENCY ③                 | 86.7%                                | 87.6%                                | 87.9%                                | 85.8%                                | 87.3%                                | 86.9%                                | 89.6%                                |

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

① See Conversion Kit Index Form for high altitude derate.

② Canadian installations only.

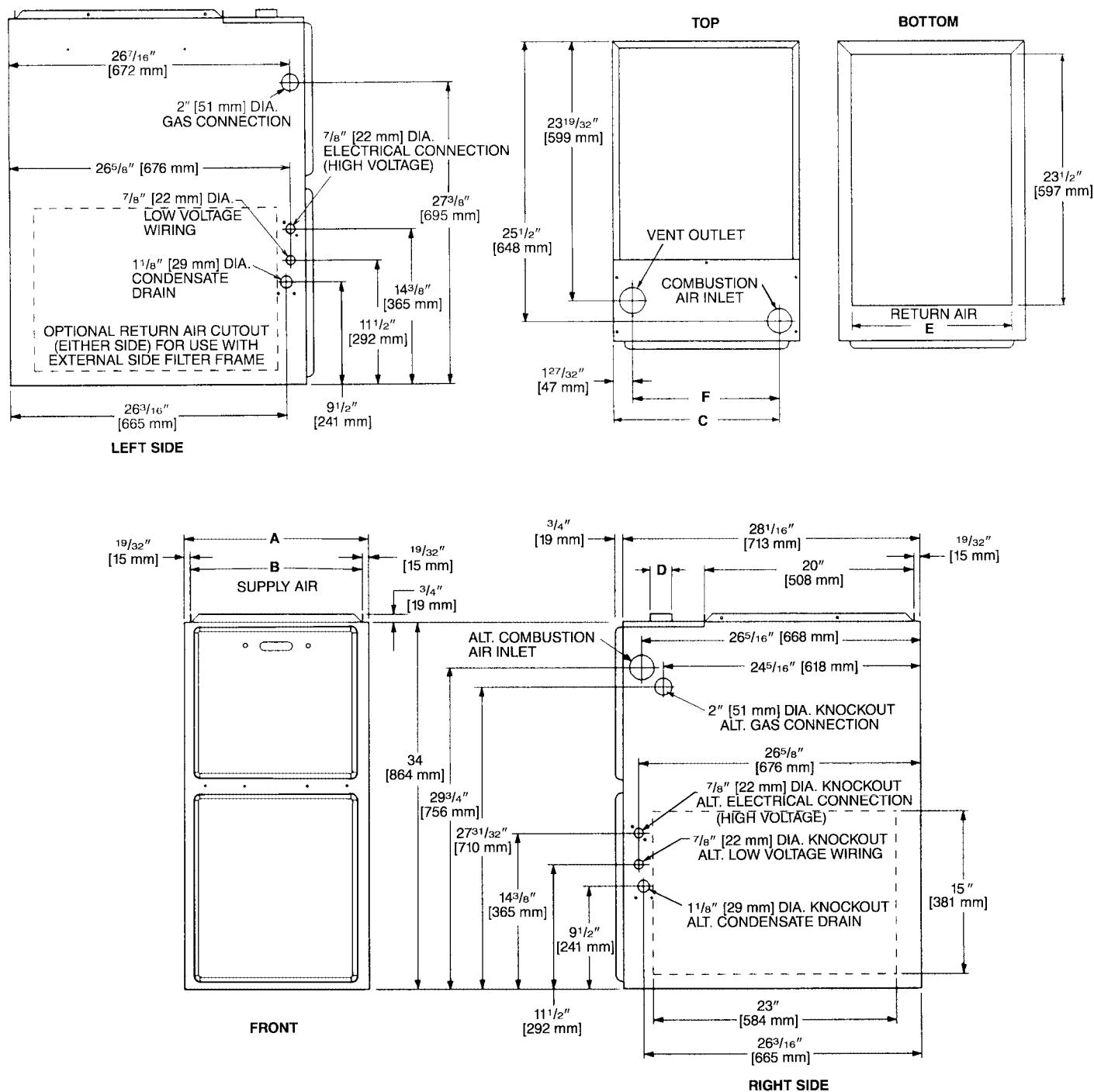
③ In accordance with D.O.E. test procedures.

## MODEL IDENTIFICATION

| R     | G           | R                             | A             | —                 | 07E                       | M                                    | A                       | E   | S  |
|-------|-------------|-------------------------------|---------------|-------------------|---------------------------|--------------------------------------|-------------------------|---|--|
| Rheem | Gas Furnace | Upflow/Condensing Gas Furnace | Design Series |                   | Heating Input Designation | Blower Size                          | Variations              | Heat/Cool Designation                         | Fuel Code                                |
|       |             |                               |               |                   |                           | <b>M</b> = 11 x 7<br>[279 x 178 mm]  | <b>A</b> = Std.         | <b>E</b> = 1100-1300 CFM<br>[519-613.5 L/s]   | <b>S</b> = U.S. and Canadian Natural Gas |
|       |             |                               |               |                   |                           | <b>R</b> = 11 x 10<br>[279 x 254 mm] | <b>B</b> = Wide Cabinet | <b>G</b> = 1500-1700 CFM<br>[707.9-802.3 L/s] |  |
|       |             |                               |               |                   |                           | <b>Z</b> = 12 x 11<br>[305 x 279 mm] |                         | <b>J</b> = 1900-2100 CFM<br>[896.7-991.1 L/s] |  |
|       |             |                               |               |                   |                           | <b>Y</b> = 12 x 7<br>[305 x 178 mm]  |                         |   |  |
|       |             |                               |               | Electric Ignition | Input BTU/HR              |                                      |                         |   |  |
|       |             |                               |               | 04E               | 45,000 [13 kW]            |                                      |                         |   |  |
|       |             |                               |               | 06E               | 60,000 [17.6 kW]          |                                      |                         |   |  |
|       |             |                               |               | 07E               | 75,000 [22 kW]            |                                      |                         |   |  |
|       |             |                               |               | 09E               | 90,000 [26.4 kW]          |                                      |                         |   |  |
|       |             |                               |               | 10E               | 105,000 [30.7 kW]         |                                      |                         |   |  |
|       |             |                               |               | 12E               | 120,000 [35.2 kW]         |                                      |                         |   |  |

[ ] Designates Metric Conversions

# UPFLOW MODELS



| MODEL<br>RGRA- | A            | B              | C            | D      | E            | F              | LEFT<br>SIDE | MINIMUM CLEARANCE (IN.) [mm] |      |        |        |      | SHIP<br>WGTS.<br>[kg] |
|----------------|--------------|----------------|--------------|--------|--------------|----------------|--------------|------------------------------|------|--------|--------|------|-----------------------|
|                |              |                |              |        |              |                |              | RIGHT<br>SIDE                | BACK | TOP    | FRONT  | VENT |                       |
| 04EM           | 17 1/2 [445] | 16 11/32 [415] | 15 5/8 [397] | 2 [51] | 15 [422]     | 13 25/32 [352] | 0            | 0                            | 0    | 1 [25] | 2 [51] | 0    | 111 [50]              |
| 06EM           | 17 1/2 [445] | 16 11/32 [415] | 15 5/8 [397] | 2 [51] | 15 [422]     | 13 25/32 [352] | 0            | 0                            | 0    | 1 [25] | 2 [51] | 0    | 117 [53]              |
| 07EM           | 17 1/2 [445] | 16 11/32 [415] | 15 5/8 [397] | 2 [51] | 15 [422]     | 13 25/32 [352] | 0            | 0                            | 0    | 1 [25] | 2 [51] | 0    | 123 [56]              |
| 07EY           | 21 [533]     | 19 27/32 [504] | 19 1/8 [487] | 2 [51] | 18 1/2 [511] | 17 9/32 [441]  | 0            | 0                            | 0    | 1 [25] | 2 [51] | 0    | 123 [56]              |
| 09EZ           | 21 [533]     | 19 27/32 [504] | 19 1/8 [487] | 2 [51] | 18 1/2 [511] | 17 9/32 [441]  | 0            | 0                            | 0    | 1 [25] | 2 [51] | 0    | 148 [67]              |
| 10EZ           | 21 [533]     | 19 27/32 [504] | 19 1/8 [487] | 2 [51] | 18 1/2 [511] | 17 9/32 [441]  | 0            | 0                            | 0    | 1 [25] | 2 [51] | 0    | 152 [69]              |
| 12ER           | 24 1/2 [622] | 23 11/32 [593] | 22 5/8 [575] | 2 [51] | 22 [600]     | 20 25/32 [530] | 0            | 0                            | 0    | 1 [25] | 2 [51] | 0    | 160 [73]              |

# BLOWER PERFORMANCE DATA\*—RGRA MODELS

| MODEL<br>RGRA- | BLOWER<br>SIZE<br>[mm] | MOTOR<br>H.P.<br>[W] | BLOWER<br>SPEED | CFM [L/s] AIR DELIVERY                             |            |            |            |            |            |            |
|----------------|------------------------|----------------------|-----------------|--|------------|------------|------------|------------|------------|------------|
|                |                        |                      |                 | EXTERNAL STATIC PRESSURE INCHES WATER COLUMN [kPa] |            |            |            |            |            |            |
|                |                        |                      |                 | 0.1 [.02]  | 0.2 [.05]  | 0.3 [.07]  | 0.4 [.10]  | 0.5 [.12]  | 0.6 [.15]  | 0.7 [.17]  |
| 04EM           | 11 x 7<br>[279 x 178]  | 1/2<br>[373]         | LOW             | 805 [380]  | 780 [368]  | 760 [358]  | 720 [340]  | 685 [323]  | 645 [304]  | 605 [285]  |
|                |                        |                      | MED-LO          | 920 [434]  | 885 [417]  | 850 [401]  | 810 [382]  | 775 [365]  | 730 [344]  | 690 [325]  |
|                |                        |                      | MED-HI          | 1140 [538]   | 1110 [524] | 1085 [512] | 1045 [493] | 1010 [476] | 950 [448]  | 890 [420]  |
|                |                        |                      | HIGH            | 1360 [642]   | 1320 [623] | 1280 [604] | 1235 [583] | 1195 [564] | 1140 [538] | 1080 [500] |
| 06EM           | 11 x 7<br>[279 x 178]  | 1/2<br>[373]         | LOW             | 770 [363]  | 740 [349]  | 710 [335]  | 675 [318]  | 645 [304]  | 605 [285]  | 570 [269]  |
|                |                        |                      | MED-LO          | 880 [415]  | 845 [398]  | 815 [384]  | 790 [373]  | 760 [358]  | 715 [337]  | 670 [316]  |
|                |                        |                      | MED-HI          | 1060 [500]   | 1025 [483] | 990 [467]  | 960 [453]  | 925 [436]  | 880 [415]  | 835 [394]  |
|                |                        |                      | HIGH            | 1260 [594]   | 1215 [573] | 1175 [554] | 1135 [535] | 1100 [519] | 1040 [491] | 985 [465]  |
| 07EM           | 11 x 7<br>[279 x 178]  | 1/2<br>[373]         | LOW             | 780 [368]  | 745 [351]  | 710 [335]  | 675 [318]  | 640 [302]  | 595 [281]  | 555 [261]  |
|                |                        |                      | MED-LO          | 880 [415]  | 850 [401]  | 825 [389]  | 785 [370]  | 750 [354]  | 702 [331]  | 655 [309]  |
|                |                        |                      | MED-HI          | 1090 [514]   | 1050 [495] | 1010 [477] | 970 [458]  | 925 [436]  | 875 [413]  | 825 [389]  |
|                |                        |                      | HIGH            | 1300 [613]   | 1255 [592] | 1210 [571] | 1160 [547] | 1110 [524] | 1055 [498] | 1005 [474] |
| 07EY           | 12 x 7<br>[305 x 178]  | 3/4<br>[559]         | LOW             | 1185 [559]   | 1160 [547] | 1140 [538] | 1115 [526] | 1095 [517] | 1065 [503] | 1040 [491] |
|                |                        |                      | MED-LO          | 1405 [663]   | 1375 [649] | 1350 [637] | 1310 [618] | 1270 [599] | 1235 [583] | 1195 [564] |
|                |                        |                      | MED-HI          | 1595 [753]   | 1560 [736] | 1525 [720] | 1480 [698] | 1440 [679] | 1380 [651] | 1325 [625] |
|                |                        |                      | HIGH            | 1835 [866]   | 1780 [840] | 1730 [816] | 1675 [791] | 1625 [767] | 1555 [734] | 1480 [698] |
| 09EZ           | 12 x 11<br>[305 x 279] | 3/4<br>[559]         | LOW             | 1235 [582]   | 1210 [571] | 1185 [559] | 1150 [543] | 1120 [528] | 1075 [507] | 1035 [488] |
|                |                        |                      | MED-LO          | 1490 [703]   | 1465 [691] | 1440 [679] | 1405 [663] | 1375 [649] | 1315 [620] | 1255 [592] |
|                |                        |                      | MED-HI          | 1720 [811]   | 1670 [788] | 1620 [764] | 1600 [755] | 1580 [746] | 1520 [717] | 1460 [689] |
|                |                        |                      | HIGH            | 2100 [991]   | 2050 [967] | 2000 [944] | 1955 [923] | 1910 [901] | 1825 [861] | 1745 [823] |
| 10EZ           | 12 x 11<br>[305 x 279] | 3/4<br>[559]         | LOW             | 1230 [580]   | 1205 [567] | 1180 [557] | 1155 [545] | 1130 [533] | 1090 [514] | 1050 [495] |
|                |                        |                      | MED-LO          | 1490 [703]   | 1445 [682] | 1405 [663] | 1375 [649] | 1350 [637] | 1295 [611] | 1240 [585] |
|                |                        |                      | MED-HI          | 1710 [807]   | 1665 [786] | 1620 [764] | 1580 [746] | 1540 [727] | 1475 [696] | 1410 [665] |
|                |                        |                      | HIGH            | 2010 [949]   | 1955 [923] | 1900 [897] | 1855 [875] | 1810 [854] | 1710 [807] | 1610 [759] |
| 12ER           | 11 x 10<br>[279 x 254] | 3/4<br>[559]         | LOW             | 1320 [623]   | 1305 [616] | 1290 [608] | 1260 [596] | 1230 [580] | 1185 [559] | 1140 [538] |
|                |                        |                      | MED-LO          | 1610 [760]   | 1580 [746] | 1555 [734] | 1515 [715] | 1475 [696] | 1415 [668] | 1355 [639] |
|                |                        |                      | MED-HI          | 1870 [882]   | 1820 [860] | 1775 [838] | 1715 [809] | 1660 [783] | 1590 [750] | 1520 [717] |
|                |                        |                      | HIGH            | 2115 [998]   | 2050 [967] | 1990 [939] | 1945 [917] | 1900 [897] | 1795 [847] | 1690 [795] |

\*Blower performance measured with filter in place.

[ ] Designates Metric Conversions

## 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 period stated, in accordance with the terms of the limited warranty.

**For Complete Details of the Limited Warranty, Including Applicable Terms and Conditions, See Your Local Installer or Contact the Manufacturer for a Copy.**

Primary and Secondary Heat Exchanger.....Limited Lifetime  
\*Any Other Part.....Five (5) Years

**\*This five year limited warranty is applicable only to single-phase products installed in residential applications on or after January 1, 2001.**

# ACCESSORIES—UPFLOW

## VENT TERMINATION KITS

**CONCENTRIC:** Horizontal/Vertical = RXGY-E03

**HORIZONTAL TWO PIPE:** RXGY-D02, RXGY-D03, RXGY-D04

**CONDENSATE PUMP KIT:** RXGY-B01

**NEUTRALIZER KIT:** RXGY-A01

**FOSSIL FUEL KIT:** RXPf-F01

RXPf-F02 (TVA)

**RETURN AIR PLENUM:** RXGR-C17B

RXGR-C21B

RXGR-C24B

**EXTERNAL BOTTOM FILTER RACK:** RXGF-CB

**EXTERNAL SIDE FILTER RACK:** RXGF-CA

| FILTER RACK FILTER SIZES* INCHES [mm] |  |  |
|---------------------------------------|--|--|
| MODEL<br>RGRA-                        | RXGF-CB<br>(BOTTOM)                                | RXGF-CA<br>(SIDE)                                  |
| 04                                    | 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] |
| 06                                    | 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] |
| 07EM                                  | 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] |
| 07EY                                  | 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] |
| 09                                    | 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] |
| 10                                    | 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] |
| 12                                    | 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] |

\*Filter racks are shipped without filters.

Filters shipped with furnace may be used or a suitable 1" [25.4 mm] filter.

## PLENUM DATA FOR "A" COILS

Plenum adapters are required in some instances for use on upflow applications when plenum and furnace size do not match.

| FURNACE<br>WIDTH<br>IN. [mm]         | PLENUM<br>WIDTH<br>IN. [mm]          | PLENUM ADAPTER<br>UPFLOW | COIL<br>PLENUM |
|--------------------------------------|--------------------------------------|--------------------------|----------------|
| 14 [356]                             | 16 <sup>1</sup> / <sub>4</sub> [413] | RXAA-C171                | RXAL-B16BU     |
| 14 [356]                             | 20 <sup>1</sup> / <sub>4</sub> [514] | RXAA-C172                | RXAL-B20BU     |
| 17 <sup>1</sup> / <sub>2</sub> [445] | 16 <sup>1</sup> / <sub>4</sub> [413] | RXAA-C185                | RXAL-B16BU     |
| 17 <sup>1</sup> / <sub>2</sub> [445] | 20 <sup>1</sup> / <sub>4</sub> [514] | RXAA-C173                | RXAL-B20BU     |
| 17 <sup>1</sup> / <sub>2</sub> [445] | 21 <sup>5</sup> / <sub>8</sub> [549] | RXAA-C187                | RXAL-B21BU     |
| 17 <sup>1</sup> / <sub>2</sub> [445] | 25 <sup>1</sup> / <sub>4</sub> [641] | RXAA-C174                | RXAL-B25BU     |
| 21 [533]                             | 25 <sup>1</sup> / <sub>4</sub> [641] | RXAA-C175                | RXAL-B25BU     |
| 21 [533]                             | 22 <sup>1</sup> / <sub>4</sub> [565] | RXAA-C176                | RXAL-B22BU     |
| 21 [533]                             | 21 <sup>5</sup> / <sub>8</sub> [549] | RXAA-C188                | RXAL-B21BU     |
| 24 <sup>1</sup> / <sub>2</sub> [622] | 25 <sup>1</sup> / <sub>4</sub> [641] | RXAA-C177                | RXAL-B25BU     |
| 24 <sup>1</sup> / <sub>2</sub> [622] | 21 <sup>5</sup> / <sub>8</sub> [549] | RXAA-C187                | RXAL-B21BU     |

**Note:** See Form Number C11-206 for MultiFlex® coil data.

## FOR HIGH ALTITUDES:

**\*HIGH ALTITUDE KIT:** RXGY-F04 (105 KBTU/H)  
RXGY-F05 (120 KBTU/H)  
RXGY-F06 (45 KBTU/H/60 KBTU/H/  
90 KBTU/H)  
RXGY-F07 (75 KBTU/H)

**\*For installations over 5000 ft.**

**OPTION CODE FOR HIGH ALTITUDE:** US & Canada – 278

**NOTE:** High altitude kits and options do **NOT** include additional burner orifices. If a burner orifice change is necessary, they must be ordered through PROSTOCK®. See Installation Instructions for more information.

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

For all installations above 2000 ft. (including all option – 278 models), the burner orifice size needs to be recalculated and verified. A burner orifice change may still be required. See Installation Instructions for more information.

**NOTE:** For Canadian installations only, an optional derate (manifold gas pressure reduction) method may be used to adjust the furnace for altitude. See Installation Instructions for more information. This optional method may **NOT** be used for U.S. installations.

(U.S. Models—Kit packaged with furnace.  
Requires field installation).

**EXTERNAL BOTTOM FILTER RACK:** RXGF-CB

**EXTERNAL SIDE FILTER RACK:** RXGF-CA

[ ] Designates Metric Conversions

# NOTES

**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.**

**RHEEM  
AIR CONDITIONING  
DIVISION**

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