



The new degree of comfort.™

# SUBMITTAL COVER SHEET

PROJECT NAME \_\_\_\_\_  
LOCATION \_\_\_\_\_  
ARCHITECT \_\_\_\_\_  
ENGINEER \_\_\_\_\_  
CONTRACTOR \_\_\_\_\_  
SUBMITTED BY \_\_\_\_\_ DATE \_\_\_\_\_

## UNIT SUMMARY

|                     |  |  |  |  |  |  |
|---------------------|--|--|--|--|--|--|
| Quantity            |  |  |  |  |  |  |
| Unit Designation    |  |  |  |  |  |  |
| Model No.           |  |  |  |  |  |  |
| Total Cooling       |  |  |  |  |  |  |
| Sensible Cooling    |  |  |  |  |  |  |
| Air Ent. Evaporator |  |  |  |  |  |  |
| Air Lvg. Evaporator |  |  |  |  |  |  |
| Heating Input       |  |  |  |  |  |  |
| Heating Output      |  |  |  |  |  |  |
| CFM/ESP             |  |  |  |  |  |  |
| EER/SEER            |  |  |  |  |  |  |
| Electrical          |  |  |  |  |  |  |
| Minimum Ampacity    |  |  |  |  |  |  |
| Min.-Max. Breaker   |  |  |  |  |  |  |
| Net Unit Weight     |  |  |  |  |  |  |
| Accessory           |  |  |  |  |  |  |
| Catalog Form Number |  |  |  |  |  |  |

### ACCESSORIES:

### NOTES:



INTEGRATED HOME COMFORT

PRINTED IN U.S.A 01/12 QG FORM NO. M11-1640

**DOWNFLOW GAS FURNACE****R801P Series****80% A.F.U.E.†****Input Rates 50 to 150 kBTU [14.7 to 44 kW]**

JOB NAME \_\_\_\_\_ MODEL NO. \_\_\_\_\_  
 CONTRACTOR \_\_\_\_\_ OUTDOOR UNIT MODEL NO. \_\_\_\_\_  
 ENGINEER \_\_\_\_\_ LOCATION \_\_\_\_\_  
 SUBMITTED FOR ☐ APPROVAL ☐ RECORD ORDER NO. \_\_\_\_\_  
 DATE \_\_\_\_\_

**UNIT DATA****HEATING PERFORMANCE**

TOTAL CAPACITY INPUT\* ..... MBH [kW]  
 TOTAL CAPACITY OUTPUT\* .. MBH [kW]  
 DESIGN TEMP. RISE ..... °F [°C] DB  
 AFUE ..... %  
 CALIFORNIA SEASONAL  
 EFFICIENCY ..... %  
 (\*uses blower motor heat)

**SUPPLY AIR BLOWER PERFORMANCE**

TOTAL AIR SUPPLY ..... CFM [L/s]  
 TOTAL RESISTANCE EXTERNAL  
 TO UNIT ..... IWG  
 BLOWER SPEED ..... RPM  
 POWER OUTPUT REQUIREMENT .. BHP  
 MOTOR RATING ..... HP [W]  
 POWER INPUT REQUIREMENT ..... kW

**ELECTRICAL DATA**

POWER SUPPLY ..... Hz  
 TOTAL UNIT AMPACITY ..... AMPS  
 MINIMUM WIRE SIZE ..... AWG  
 MAXIMUM OVERCURRENT DEVICE  
 FUSES/HACR BREAKER ..... AMPS

**FEATURES FOR R801P DOWNFLOW**

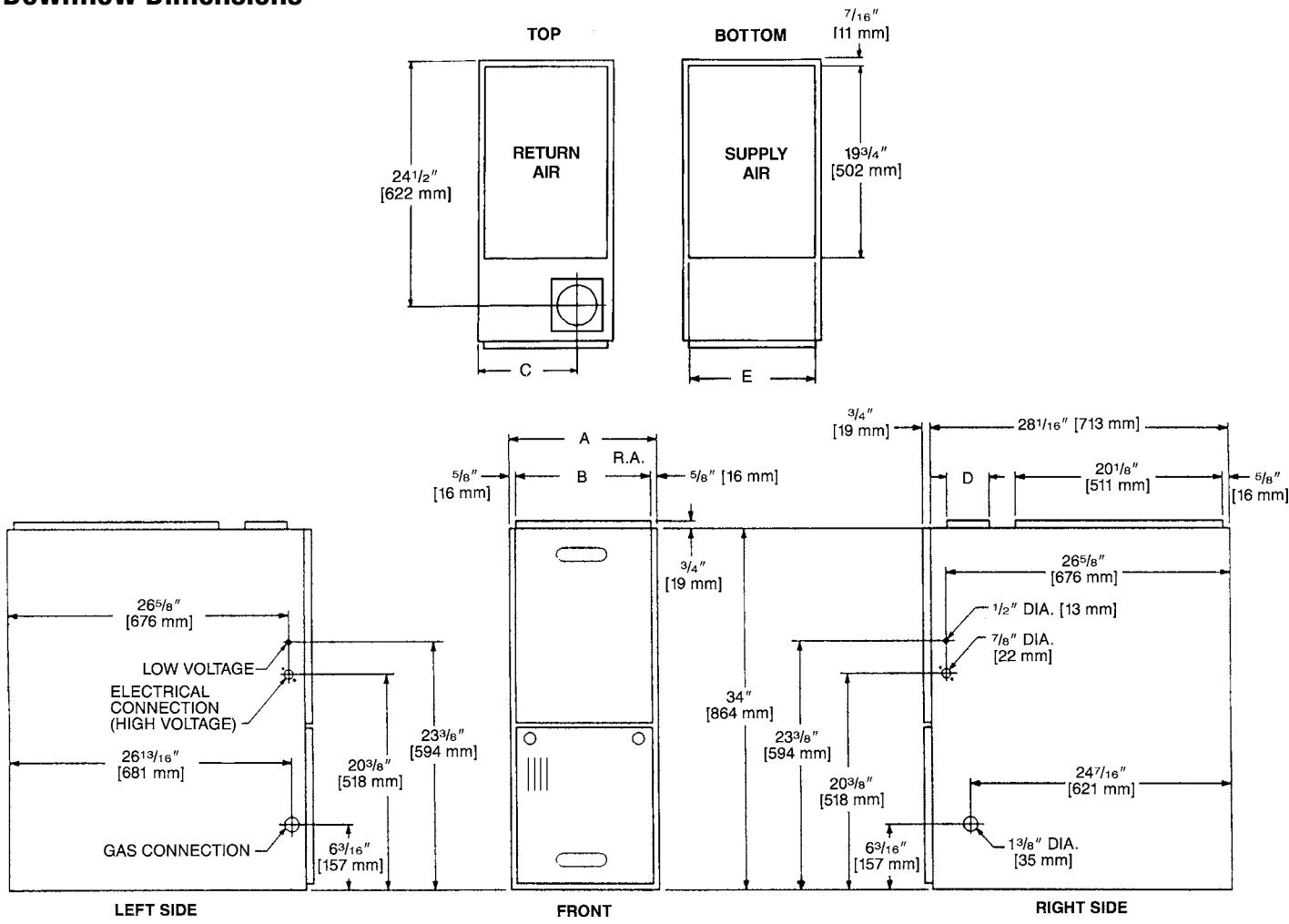
- 80% residential Gas Furnace CSA certified
- PlusOne™ Diagnostics – 7 Segment LED all units
- PlusOne™ Ignition System – DSI for reliability and longevity
- Heat exchanger is removable for improved serviceability. Aluminized steel construction provides maximum corrosion resistance and thermal fatigue reliability.
- Low profile 34" cabinet ideal for space constrained installations
- Integrated Control board features dip switches for easy system set up
- QR codes for quick access to product information from your smart phone or tablet
- Insulated blower compartment

**FIELD INSTALLED ACCESSORIES**

Filter Rack RXGF-CC ..... ☐  
 Combustible Floor Base RXGC-B14 ..... ☐  
 Combustible Floor Base RXGC-B17 ..... ☐  
 Combustible Floor Base RXGC-B21 ..... ☐  
 Combustible Floor Base RXGC-B24 ..... ☐



Downflow Dimensions



Unit Dimensions

| MODEL<br>R801P<br>(DOWNFLOW)<br>SERIES | A            | B              | C            | D | E            | REDUCED CLEARANCES (IN.) [mm] |               |      |        |        |           |                            |
|----------------------------------------|--------------|----------------|--------------|---|--------------|-------------------------------|---------------|------|--------|--------|-----------|----------------------------|
|                                        |              |                |              |   |              | LEFT<br>SIDE                  | RIGHT<br>SIDE | BACK | TOP    | FRONT  | VENT      | SHIP. WGTS.<br>(LBS.) [kg] |
| 050                                    | 14 [356]     | 12 27/32 [326] | 10 3/8 [264] | ① | 13 1/8 [333] | 0                             | 4 ②           | 0    | 1 [25] | 3 [76] | 6 [152] ③ | 85 [38.6]                  |
| 075                                    | 17 1/2 [445] | 16 11/32 [415] | 12 1/8 [308] | ① | 16 5/8 [422] | 0                             | 3 ②           | 0    | 1 [25] | 3 [76] | 6 [152] ③ | 105 [47.6]                 |
| 100317                                 | 17 1/2 [445] | 16 11/32 [415] | 12 1/8 [308] | ① | 16 5/8 [422] | 0                             | 3 ②           | 0    | 1 [25] | 3 [76] | 6 [152] ③ | 115 [52.2]                 |
| 100521                                 | 21 [533]     | 19 27/32 [504] | 13 7/8 [352] | ① | 20 1/8 [511] | 0                             | 0             | 0    | 1 [25] | 3 [76] | 6 [152] ③ | 120 [54.4]                 |
| 125                                    | 24 1/2 [622] | 23 11/32 [593] | 15 5/8 [397] | ① | 23 5/8 [600] | 0                             | 0             | 0    | 1 [25] | 3 [76] | 6 [152] ③ | 140 [63.5]                 |
| 150                                    | 24 1/2 [622] | 23 11/32 [593] | 15 5/8 [397] | ① | 23 5/8 [600] | 0                             | 0             | 0    | 1 [25] | 3 [76] | 6 [152] ③ | 150 [68]                   |

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/or Can/CGA-B149 Installation Codes and in accordance with local codes.

[ ] Designates Metric Conversions

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 Sales Company, Inc.  
P.O. Box 17010, Fort Smith, AR 72917

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