



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

# DOWNFLOW GAS FURNACE

## R801T Series

### 80% A.F.U.E.†

### Input Rates 75 to 125 kBtu [22 to 36 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 R801T DOWNFLOW

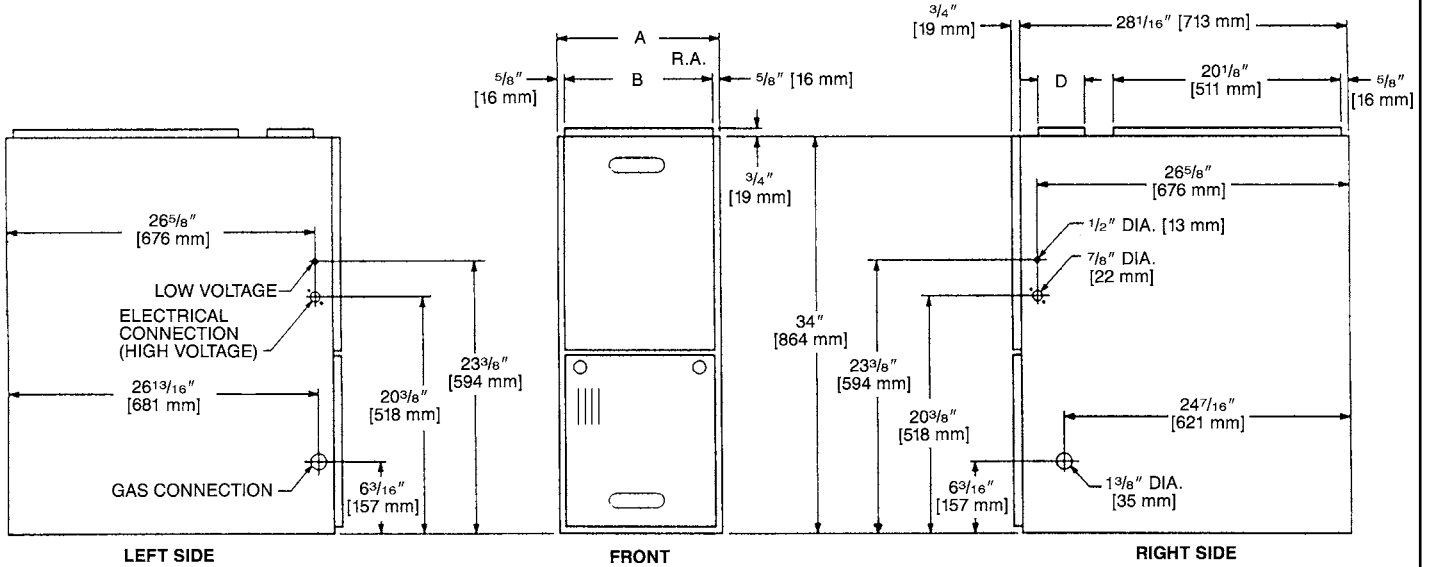
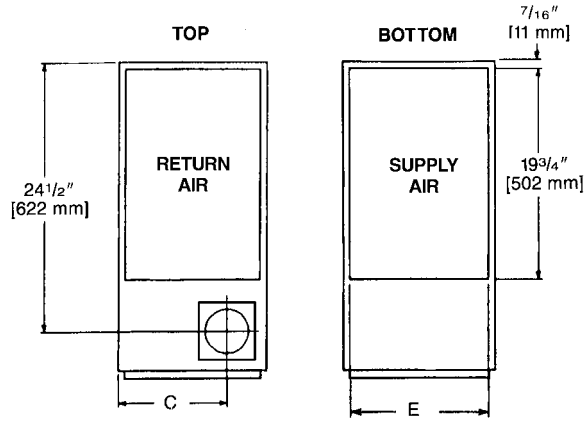
- 80% residential Gas Furnace CSA certified
- PlusOne™ Diagnostics – 7 Segment LED all units
- PlusOne™ Ignition System – DSI for reliability and longevity
- Heat exchanger is removable for improved serviceability. Aluminized steel construction provides maximum corrosion resistance and thermal fatigue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

### FIELD INSTALLED ACCESSORIES

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



# Downflow Dimensions



# Unit Dimensions

MODEL R801T (DOWNFLOW) SERIES	A	B	C	D	E	REDUCED CLEARANCES (IN.) [mm]						SHIP. WGTS. (LBS.) [kg]
						LEFT SIDE	RIGHT SIDE	BACK	TOP	FRONT	VENT	
075317	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]
075521, 100	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]

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

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, Rheem reserves the right to make changes without notice."