



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

R801S 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 R801S DOWNFLOW

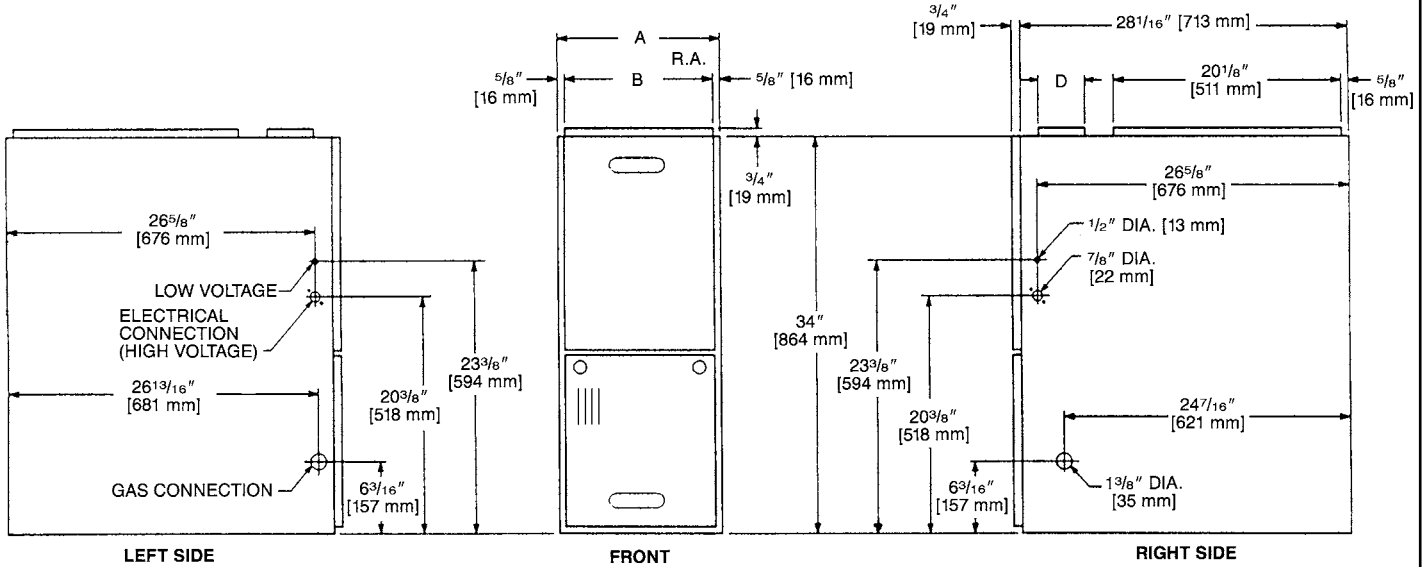
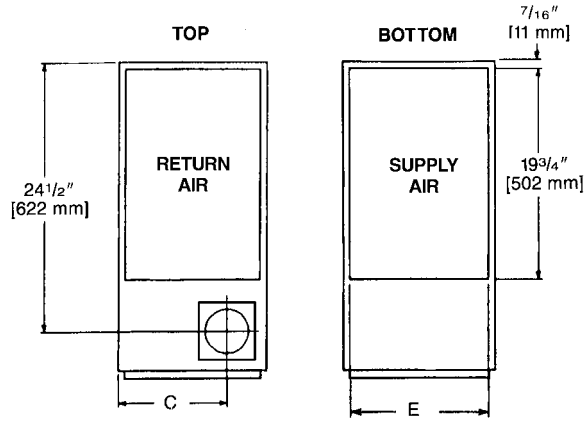
- 80% residential Gas Furnace CSA certified
- PlusOne™ Diagnostics – 7 Segment LED all units
- PlusOne™ Ignition System – DSI for reliability and longevity
- Heat exchanger is removable for improved serviceability. Aluminized steel construction provides maximum corrosion resistance and thermal fatigue 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

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 R801S (DOWNFLOW) SERIES	A	B	C	D	E	REDUCED CLEARANCES (IN.) [mm]						SHIP. WGTS. (LBS.) [kg]
						LEFT SIDE	RIGHT SIDE	BACK	TOP	FRONT	VENT	
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.

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