



Russell[®]
By Rheem

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:

Vantix™ Line S801T Downflow Gas Furnaces

Heating Stages: Single Stage

Motor Type: Constant Torque

Input Rates: 50-125 kBTU [14.6-36.6 kW]

JOB NAME _____ LOCATION _____

CONTRACTOR _____ ORDER NO. _____

ENGINEER _____ UNIT MODEL NO. _____

SUBMITTED FOR APPROVAL RECORD COIL MODEL NO. _____

DATE _____ AIR HANDLER MODEL NO. _____

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

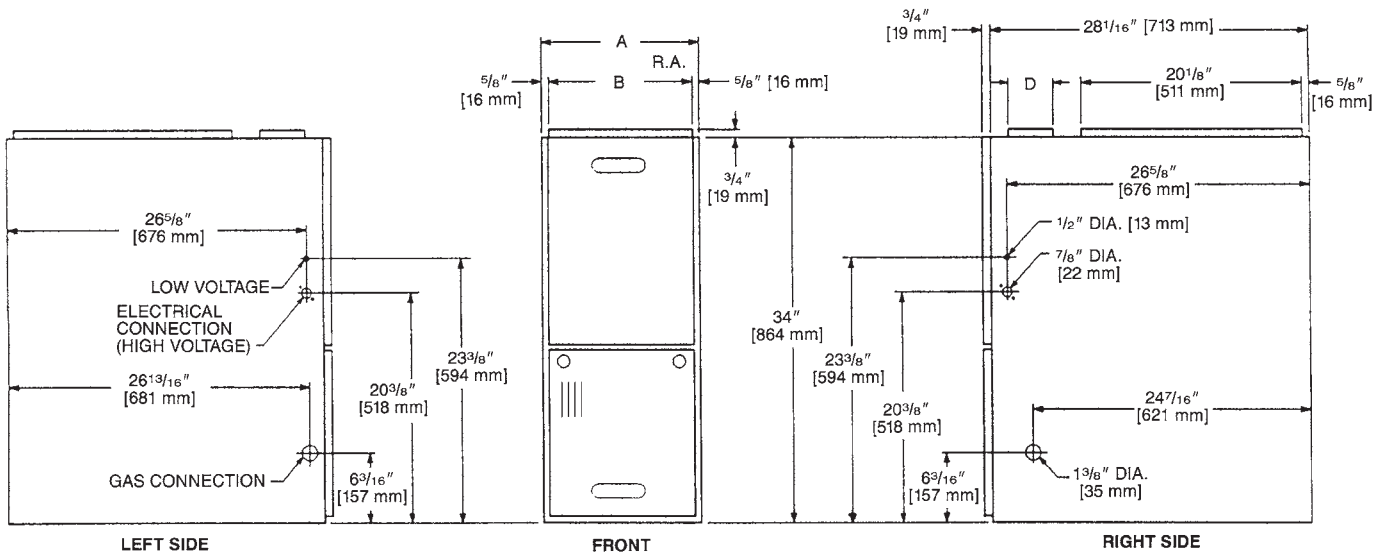
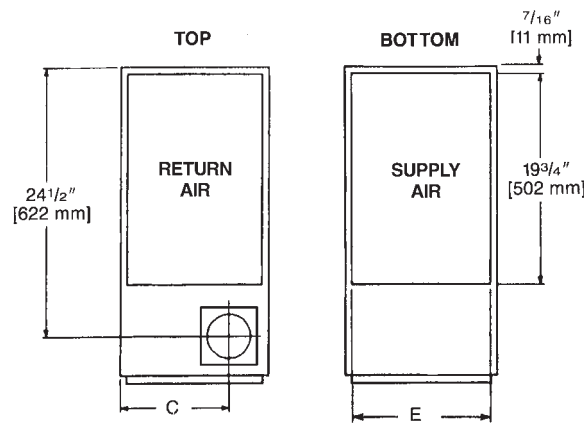
- **Diagnostics:** Industry-first, 7-segment LED for quick & easy service
- **Ignition System:** Proven Direct Spark Ignition (DSI) for reliability and longevity
- **Low Profile, 34-inch Cabinet:** Makes our furnaces ideal for space-constrained installations
- **Hemmed Cabinet & Door Edges and Quarter-turn 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
- **Blower Shelf Design:** Ensures serviceability in all furnace orientations

FIELD INSTALLED ACCESSORIES

Filter Rack RXGF-CC*

*Downflow Top Return Mount Requires (2) 14 x 20 Filters. Filter Racks are shipped without filters. Filters available through PROSTOCK®.





Dimensional Data—Downflow Models

MODEL S801T DZ	A	B	C	D	E	REDUCED CLEARANCES (IN.) [mm]					
						LEFT SIDE	RIGHT SIDE	BACK	TOP	FRONT	VENT
050	14 [356]	12 ²⁷ / ₃₂ [326]	10 ³ / ₈ [264]	Ⓚ	13 ¹ / ₈ [333]	0	4 [102] Ⓜ	0	1 [25]	3 [76]	6 [152]
050417	17 1/2 [445]	16 ¹¹ / ₃₂ [415]	12 ¹ / ₈ [308]	Ⓚ	16 ⁵ / ₈ [422]	0	3 [76] Ⓜ	0	1 [25]	3 [76]	6 [152]
075521	21 [533]	19 ²⁷ / ₃₂ [504]	13 ⁷ / ₈ [352]	Ⓚ	20 ¹ / ₈ [511]	0	0	0	1 [25]	3 [76]	6 [152] Ⓜ
100	21 [533]	19 ²⁷ / ₃₂ [504]	13 ⁷ / ₈ [352]	Ⓚ	20 ¹ / ₈ [511]	0	0	0	1 [25]	3 [76]	6 [152] Ⓜ
125	24 1/2 [622]	23 ¹¹ / ₃₂ [593]	15 ⁵ / ₈ [397]	Ⓚ	23 ⁵ / ₈ [600]	0	0	0	1 [25]	3 [76]	6 [152] Ⓜ

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

Ⓜ May be 0" [0 mm] with type B vent.

Ⓜ 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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