



Real People. Real Savings. Real Fast.®

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:

DOWNFLOW GAS FURNACE

S801T

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 S801T DOWNFLOW

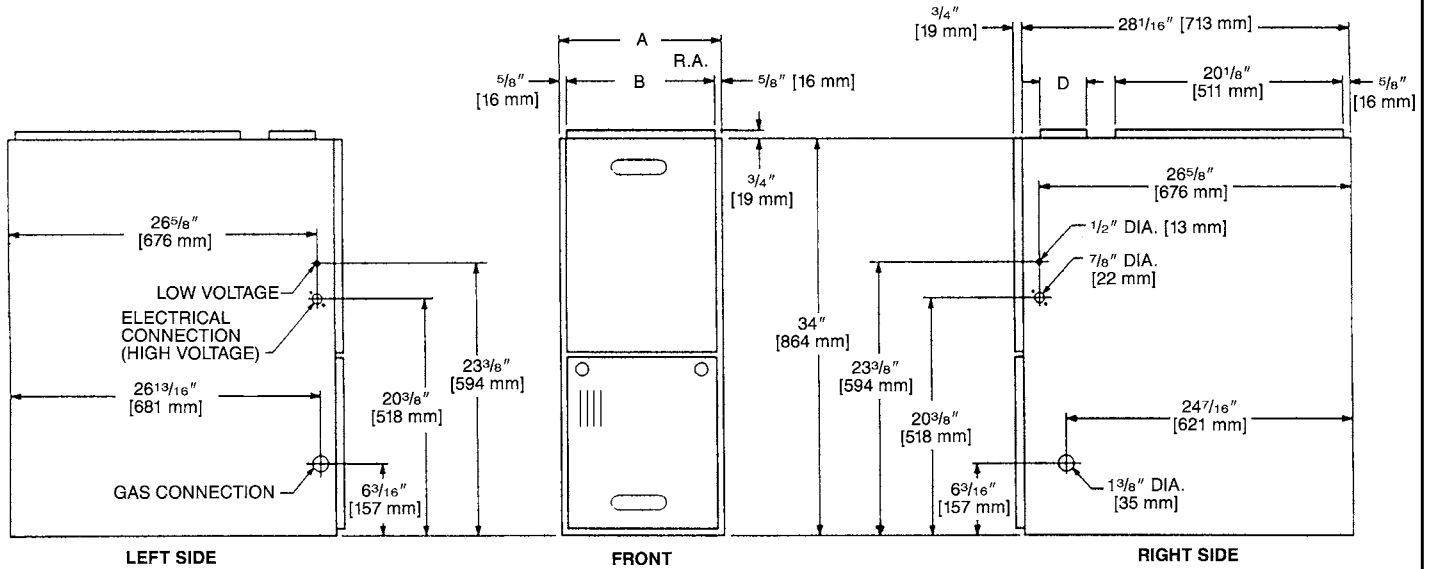
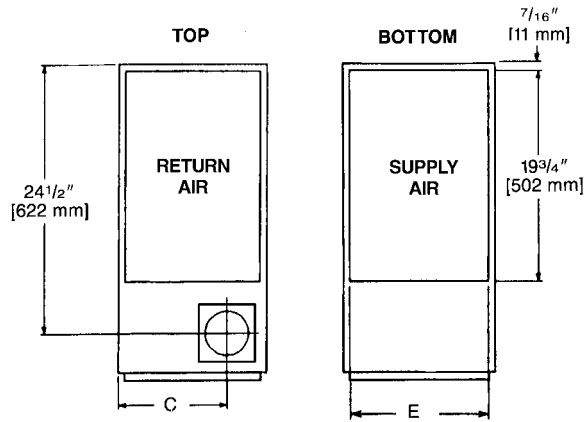
- 80% residential Gas Furnace CSA certified
- 7 Segment LED all units
- Direct Spark Ignition for reliability and longevity
- Heat exchanger is removable for improved serviceability. Aluminized steel construction provides maximum corrosion resistance and thermal fatigue reliability.
- Low profile 34" 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 S801T (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.

Sure Comfort® Heating and Cooling
P.O. Box 17010, Fort Smith, AR 72917

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