



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:

UPFLOW/HORIZONTAL GAS FURNACE S801S Input Rates 50 to 150 kBTU [15 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 S801S UPFLOW/HORIZONTAL

- 80% residential Gas Furnace CSA certified
- 3 way multi poise design UF / HZ
- 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.
- Solid doors provide quiet operation
- Low profile 34" cabinet ideal for space constrained installations
- Blower shelf design – serviceable in all furnace orientations
- Hemmed edges on cabinets and doors
- 1/4 turn door knobs for tool less access
- 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

- External Bottom Filter Rack RXGF-CB
- External Side Filter Rack RXGF-CD
- Indoor Coil Casing RXBC-D14A1
- Indoor Coil Casing RXBC-D17A1
- Indoor Coil Casing RXBC-D21A1
- Indoor Coil Casing RXBC-D21B1
- Indoor Coil Casing RXBC-D24A1
- Solid Bottom Kit RXGB-D14
- Solid Bottom Kit RXGB-D17
- Solid Bottom Kit RXGB-D21
- Solid Bottom Kit RXGB-D24



Horizontal Application

WARNING

THIS FURNACE IS NOT APPROVED OR RECOMMENDED FOR INSTALLATION ON ITS BACK, WITH ACCESS DOORS FACING UPWARDS.

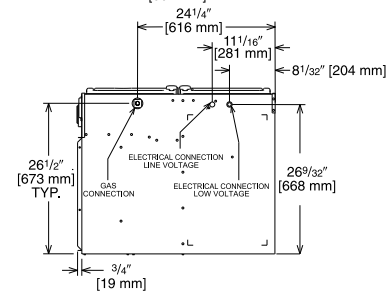
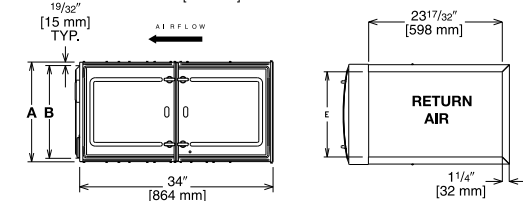
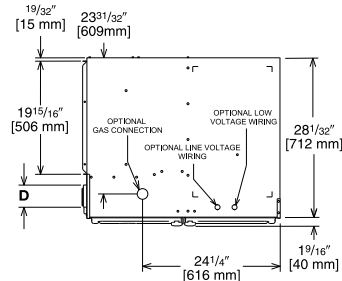


Illustration ST-A1220-04-00 FIGURE 2

Upflow Application

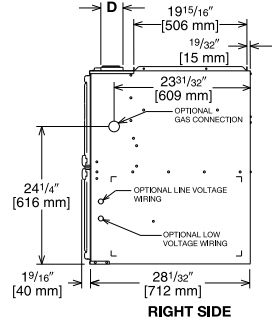
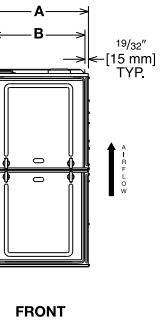
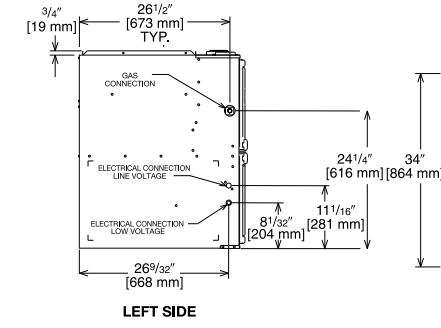
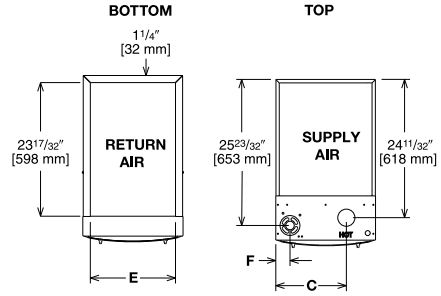


Illustration ST-A1220-04-00 FIGURE 1

Unit Dimensions

| MODEL S801S- | A | B | C | D | E | F | REDUCED CLEARANCE (IN.) [mm] | | | | | | SHIP WGTS. (LBS.) [kg] |
|--------------|--------------------------------------|--|--------------------------------------|---|--------------------------------------|------------------------------------|------------------------------|------------|------|--------|--------|-----------|------------------------|
| | | | | | | | LEFT SIDE | RIGHT SIDE | BACK | TOP | FRONT | VENT | |
| 050 | 14 [356] | 12 ²⁷ / ₃₂ [326] | 10 ⁵ / ₈ [270] | ① | 11 ¹ / ₂ [292] | 1 ⁷ / ₈ [48] | 0 | 4 [102] ② | 0 | 1 [25] | 3 [76] | 6 [152] ③ | 85 [38.6] |
| 075 | 17 ¹ / ₂ [445] | 16 ¹¹ / ₃₂ [415] | 12 ³ / ₈ [314] | ① | 15 [381] | 2 ¹ / ₂ [64] | 0 | 3 [76] ② | 0 | 1 [25] | 3 [76] | 6 [152] ③ | 105 [47.6] |
| 100 | 21 [533] | 19 ²⁷ / ₃₂ [504] | 14 ¹ / ₈ [359] | ① | 18 ¹ / ₂ [470] | 2 ¹ / ₂ [64] | 0 | 0 | 0 | 1 [25] | 3 [76] | 6 [152] ③ | 120 [54.4] |
| 125 | 24 ¹ / ₂ [622] | 23 ¹¹ / ₃₂ [593] | 15 ⁷ / ₈ [403] | ① | 22 [559] | 2 ¹ / ₂ [64] | 0 | 0 | 0 | 1 [25] | 3 [76] | 6 [152] ③ | 140 [63.5] |
| 150 | 24 ¹ / ₂ [622] | 23 ¹¹ / ₃₂ [593] | 15 ⁷ / ₈ [403] | ① | 22 [559] | 2 ¹ / ₂ [64] | 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. 4" adapter included with (-)801P units.
 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.

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."