



The new degree of comfort.[®]

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:						

Endeavor® Line (-)801T Upflow/Horizontal 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

- PlusOne® Diagnostics:** Industry-first, 7-segment LED for quick & easy service
- PlusOne® 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

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
 4" Flue Adapter RXGW-C01



(-)801T UH

Horizontal Application**WARNING**

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

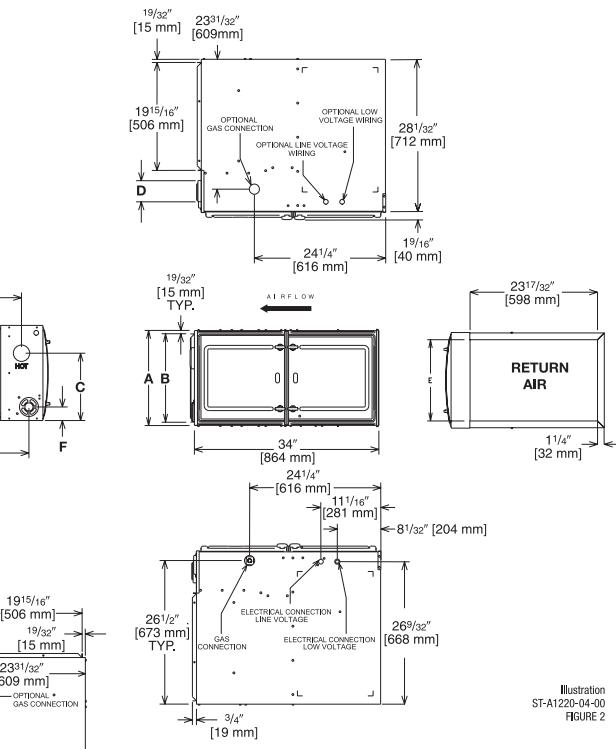
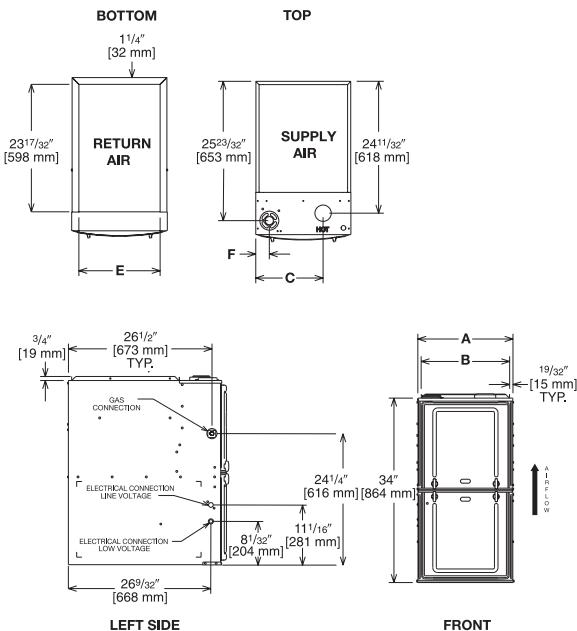
Upflow Application

Illustration
ST-A1220-04-00
FIGURE 2

Illustration
ST-A1220-04-00
FIGURE 1

Dimensional Data: Upflow Model

MODEL (-)801T UH	A	B	C	D	E	F	MINIMUM CLEARANCE (IN.) [mm]					
							LEFT SIDE	RIGHT SIDE	BACK	TOP	FRONT	VENT
050314	14 [356]	12 ²⁷ / ₃₂ [326]	10 ⁵ / ₈ [270]	①	11 1/2 [292]	17/8 [48]	0	4 [102] ②	0	1 [25]	3 [76]	6 [152] ③
050417/75417	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
075521/100	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
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

Dimensional Data: Horizontal Model

MODEL (-)801T UH	A	B	C	D	E	F	MINIMUM CLEARANCE (IN.) [mm]					
							SUPPLY AIR SIDE	RETURN AIR SIDE	BACK	TOP	FRONT	VENT
50314	14 [356]	12 ²⁷ / ₃₂ [326]	10 ⁵ / ₈ [270]	①	11 1/2 [292]	17/8 [48]	4 [102] ②	4 [102] ②	0	1 [25]	3 [76]	6 [152] ③
050417/75417	17 1/2 [445]	16 ¹¹ / ₃₂ [415]	12 3/8 [314]	①	15 [381]	2 1/2 [64]	3 [76] ②	3 [76] ②	0	1 [25]	3 [76]	6 [152] ③
075521/100	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
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

NOTES: ① May require a 3" [76 mm] to 4" [102 mm] or 3" [76 mm] to 5" [127 mm] adapter.

[] Designates Metric Conversions

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.

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.

5600 Old Greenwood Road
Fort Smith, Arkansas 72908

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