



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

UPFLOW/HORIZONTAL GAS FURNACE

R802V Series

80% A.F.U.E.†

Input Rates 50 to 125 kBtu [14.7 to 37 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 R802V UPFLOW/HORIZONTAL

- 80% residential Gas Furnace CSA certified
- Two stages of operation to save energy and maintain optimal comfort level.
- Variable speed blower motor technology provides ultimate humidity control quieter sound levels and year round energy savings
- EcoNet enabled HVAC product
- 3 way multi poise design UF / HZ
- 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.
- Solid doors provide quiet operation
- Solid bottom
- Insulated blower compartment
- Low profile 34" cabinet ideal for space constrained installations
- Blower shelf design – serviceable in all furnace orientations
- Hemmed edges on cabinets and door
- 1/4 turn door knobs for tool less access
- 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
- Compatible with single or two stage thermostats. For optimal performance a two stage thermostat is recommended.

FIELD INSTALLED ACCESSORIES

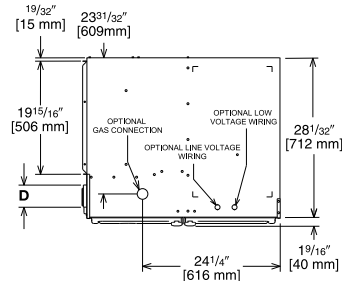
- External Bottom Filter Rack RXGF-CB
- External Side Filter Rack RXGF-CD
- Indoor Coil Casing RXBC-D14A1
- Indoor Coil Casing RXBC-D17A1
- Indoor Coil Casing RXBC-D21A1
- Indoor Coil Casing RXBC-D21B1
- Indoor Coil Casing RXBC-D24A1
- Solid Bottom Kit RXGB-D14
- Solid Bottom Kit RXGB-D17
- Solid Bottom Kit RXGB-D21
- Solid Bottom Kit RXGB-D24
- EcoNet Control RETST600SYS



Horizontal Application

WARNING

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



Upflow Application

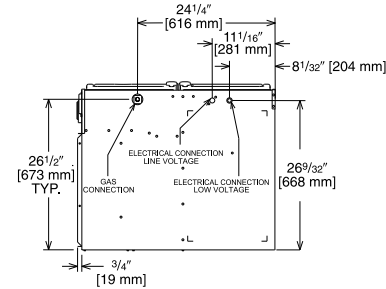
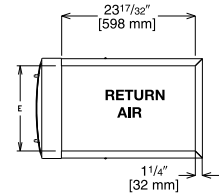
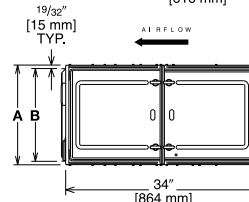
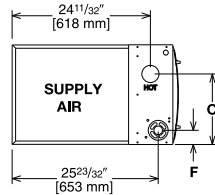
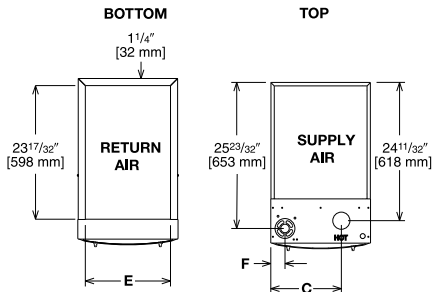


Illustration
ST-A1220-04-00
FIGURE 2

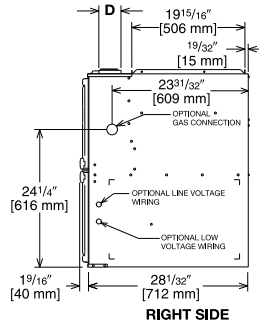
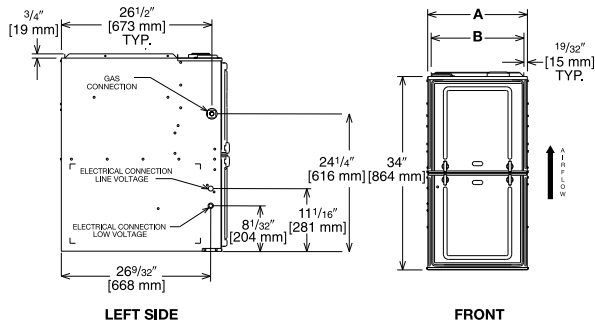


Illustration
ST-A1220-04-00
FIGURE 1

Unit Dimensions

MODEL R802V-	A	B	C	D	E	F	REDUCED CLEARANCE (IN.) [mm]						SHIP WGTS. (LBS.) [kg]
							LEFT SIDE	RIGHT SIDE	BACK	TOP	FRONT	VENT	
050, 075317	17 1/2 [445]	16 11/32 [415]	12 9/8 [314]	①	15 [381]	2 1/2 [64]	0	3 [76] ②	0	1 [25]	3 [76]	6 [152] ③	125 [57]
075421, 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	140 [64]
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	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 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.

Rheem Sales Company, Inc.
P.O. Box 17010, Fort Smith, AR 72917

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