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
(-)802V Series
80% A.F.U.E.†
Input Rates 50 to 125 kBTU [14.7 to 37 kW]

JOB NAME _____

CONTRACTOR _____

ENGINEER _____

SUBMITTED FOR ☐ APPROVAL ☐ RECORD

DATE _____

MODEL NO. _____

OUTDOOR UNIT MODEL NO. _____

LOCATION _____

ORDER 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 FOR (-)802V 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
- The (-)802V is part of a new line of smart heating, cooling and water heating products. The latest in sensor technology and a powerful EcoNet® monitoring system, provides homeowners with a new level of protection, control and energy savings. Smart heating, cooling and water heating products will alert the homeowner if there is ever an issue via the EcoNet Smart Thermostat and the EcoNet Mobile app*. The EcoNet Mobile App makes it easy for homeowners to manage their home comfort environment at home or on-the-go*, while enjoying the convenience and savings benefits of a highly efficient system.
- 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 doors
- 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.

*WiFi broadband internet connection required. Download the EcoNet App from the App Store or Google Play to set up your EcoNet Smart Thermostat. Receipt of notifications depend on home WiFi set up. WiFi broadband internet connection required.
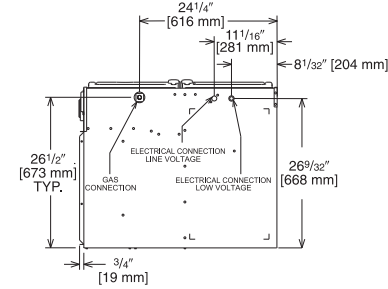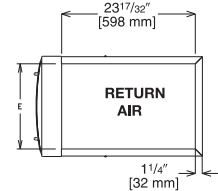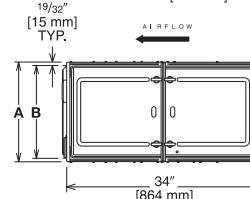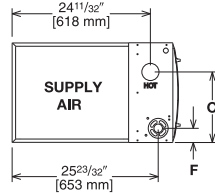
FIELD INSTALLED ACCESSORIES

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 (-)ETST700SYS ....☐

Horizontal Application

19/32″ [15 mm] 23³¹/₃₂″ [609mm]
19¹⁵/₁₆″ [506 mm]
OPTIONAL GAS CONNECTION
OPTIONAL LOW VOLTAGE WIRING
OPTIONAL LINE VOLTAGE WIRING
28¹/₃₂″ [712 mm]
D
24¹/₄″ [616 mm]
1⁹/₁₆″ [40 mm]

24¹¹/₃₂″ [618 mm]
SUPPLY AIR
HOT
C
25²³/₃₂″ [653 mm]
F

19/32″ [15 mm] TYP.
AIRFLOW
A B
34″ [864 mm]

23¹⁷/₃₂″ [598 mm]
RETURN AIR
E
1¹/₄″ [32 mm]

24¹/₄″ [616 mm]
11/16″ [281 mm]
8¹/₃₂″ [204 mm]
ELECTRICAL CONNECTION LINE VOLTAGE
GAS CONNECTION
ELECTRICAL CONNECTION LOW VOLTAGE
26¹/₂″ [673 mm] TYP.
26⁹/₃₂″ [668 mm]
3/4″ [19 mm]

Illustration ST-A1220-04-00 FIGURE 2

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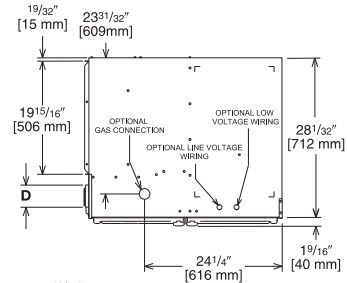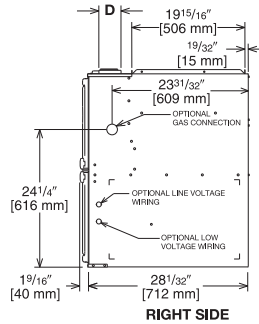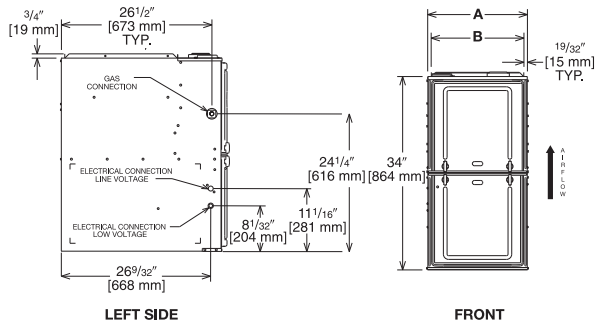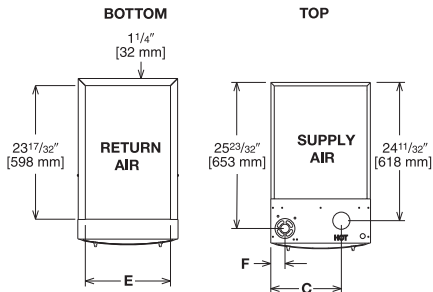
Upflow Application

BOTTOM
1¹/₄″ [32 mm]
23¹⁷/₃₂″ [598 mm]
RETURN AIR
E

TOP
25²³/₃₂″ [653 mm]
SUPPLY AIR
24¹¹/₃₂″ [618 mm]
HOT
F
C

3/4″ [19 mm]
26¹/₂″ [673 mm] TYP.
GAS CONNECTION
ELECTRICAL CONNECTION LINE VOLTAGE
ELECTRICAL CONNECTION LOW VOLTAGE
24¹/₄″ [616 mm]
8¹/₃₂″ [204 mm]
11/16″ [281 mm]
26⁹/₃₂″ [668 mm]
LEFT SIDE

A
B
19/32″ [15 mm] TYP.
34″ [864 mm]
AIRFLOW
FRONT

D
19¹⁵/₁₆″ [506 mm]
19/32″ [15 mm]
23³¹/₃₂″ [609 mm]
OPTIONAL GAS CONNECTION
OPTIONAL LINE VOLTAGE WIRING
OPTIONAL LOW VOLTAGE WIRING
24¹/₄″ [616 mm]
1⁹/₁₆″ [40 mm]
28¹/₃₂″ [712 mm]
RIGHT SIDE

Illustration ST-A1220-04-00 FIGURE 1

Unit Dimensions

MODEL (-)802V-	A	B	C	D	E	F	REDUCED CLEARANCE (IN.) [mm]						SHIP WGTS. (LBS.) [kg]
							LEFT SIDE	RIGHT SIDE	BACK	TOP	FRONT	VENT	
050, 075317	17¹/₂ [445]	16¹¹/₃₂ [415]	12³/₈ [314]	①	15 [381]	2¹/₂ [64]	0	3 [76] ②	0	1 [25]	3 [76]	6 [152] ③	125 [57]
075421, 100	21 [533]	19²⁷/₃₂ [504]	14¹/₈ [359]	①	18¹/₂ [470]	2¹/₂ [64]	0	0	0	1 [25]	3 [76]	6 [152] ③	140 [64]
125	24¹/₂ [622]	23¹¹/₃₂ [593]	15⁷/₈ [403]	①	22 [559]	2¹/₂ [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.

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