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:

PRINTED IN U.S.A 01/12 QG FORM NO. M11-1640

EcoNet Enabled Modulating Upflow Gas Furnaces
(-)98V Series
98% A.F.U.E.†
Input Rates 60 to 115 kBTU [11.57 to 33.71 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

ISO 9001:2008
Certificate Number: 3064

FEATURES FOR (-)98V

- 98% residential gas furnace CSA certified
- Upflow
- Modulating 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
- PlusOne® Diagnostics 7-Segment LED all units
- PlusOne® Ignition System – DSI for reliability and longevity
- PlusOne® Water Management System with patented Blocked Drain Sensor
- PlusOne® Energy Efficiency – Industry's highest A.F.U.E. gas furnace family. The R98V features 98% A.F.U.E. across all model sizes.
- Heat exchanger is removable for improved serviceability. Aluminized steel primary and stainless steel secondary construction provide maximum corrosion resistance and thermal fatigue reliability.
- Low profile "34 inch" cabinet ideal for space constrained installations.
- Blower Shelf design – serviceable in all furnace orientations
- Pre marked hoses – insures proper system drainage
- Vent with 2" or 3" PVC
- Replaceable collector box
- Hemmed edges on cabinet and doors
- Quarter turn door fasteners for tool less access
- Integrated control boards feature dip switches for easy system set up
- Self priming condensate trap
- Solid bottom included
- For optimal performance an EcoNet Control Center is recommended; must be paired with an EcoNet enabled heat pump or air conditioner, for a fully communicating HVAC system.
- Modulating Function: when used with an EcoNet Control Center modulating thermostat, modulation rate between 40% and 100% of total capacity.
- Two-stage Function: when used with a two-stage thermostat, furnace operates at 40% on first stage, and stages up to 65%, then 100% for second stage.
- Multistage Function: when used with a single-stage thermostat, furnace functions as a three stage furnace operating at 40%, 65% and 100% of total capacity.

†A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

FIELD INSTALLED ACCESSORIES

Vent Termination Kits Concentric:
- Vertical/Horizontal = RXGY-E03A-E02A (US & Canadian Installations) ☐

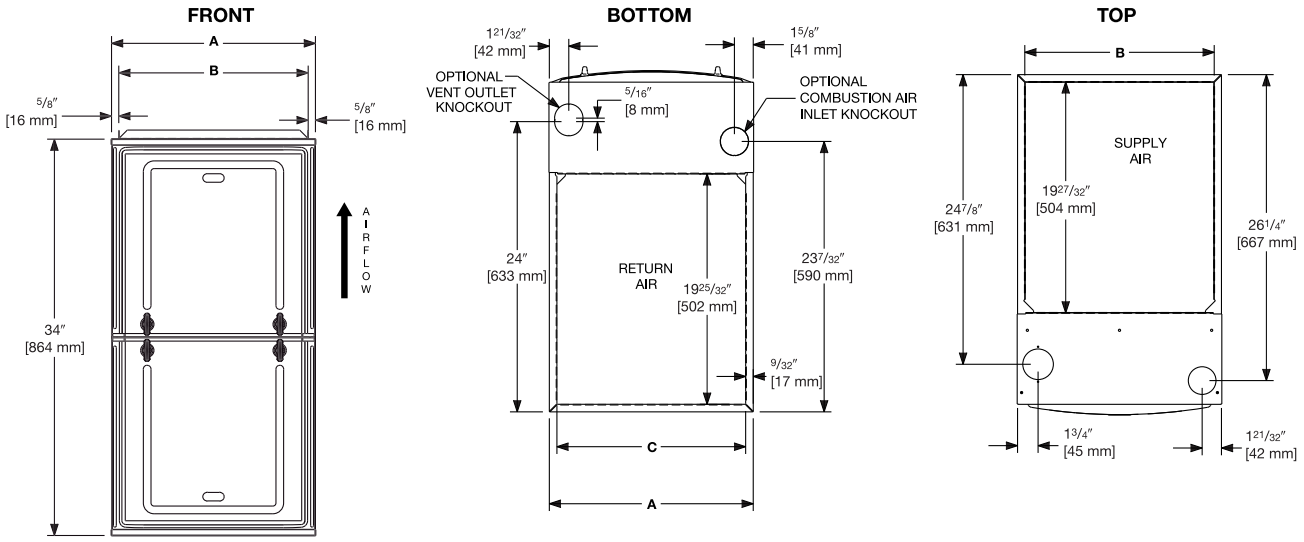
Combustion Air Drain Kit
- RXGY-D05, RXGY-D06 ☐
- Neutralizer Kit: RXGY-A01 ☐

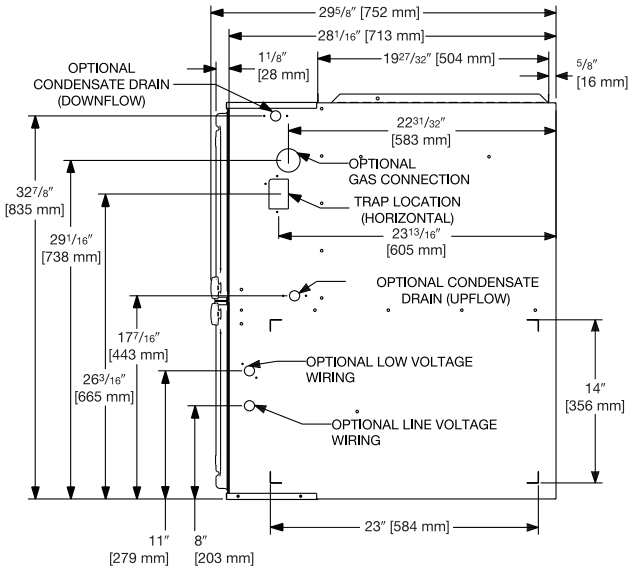
External Bottom Filter Rack RXGF-CB ☐

External Side Filter Rack RXGF-CD ☐

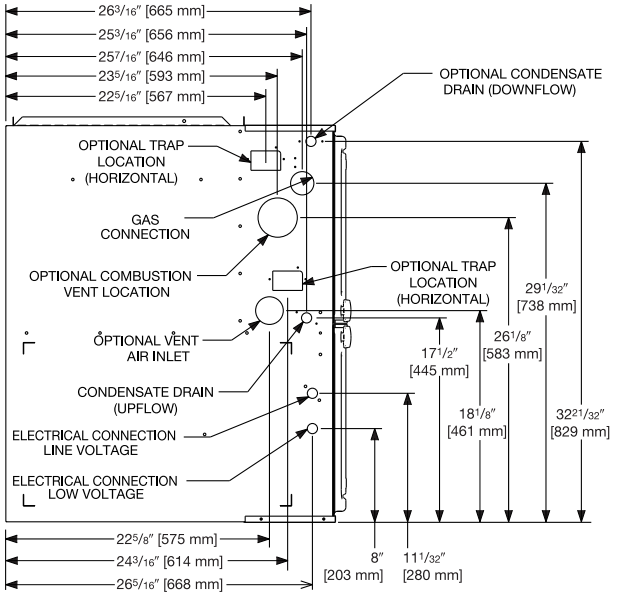
External Side (Upflow) Filter Rack RXGF-CD ☐

High Altitude Kits RXGY-F53-F57 ☐





RIGHT SIDE



LEFT SIDE

UNIT DIMENSIONS (CLEARANCE TO COMBUSTIBLES)

MODEL (-)98V	LEFT SIDE	MINIMUM CLEARANCE (IN.) [mm]					SHIP WGTS. (LBS.) [kg]	FLANGE DIMENSIONS		
		RIGHT SIDE	BACK	TOP	FRONT	VENT		A	B	C
060	0	0	0	1 [25]	2 [51]	0	128 [58]	17 1/2 [445]	16 17/64 [413]	16 13/64 [412]
070	0	0	0	1 [25]	2 [51]	0	132 [60]	17 1/2 [445]	16 17/64 [413]	16 13/64 [412]
085	0	0	0	1 [25]	2 [51]	0	147.5 [67]	21 [533]	19 49/64 [502]	19 45/64 [500]
100	0	0	0	1 [25]	2 [51]	0	152 [69]	21 [533]	19 49/64 [502]	19 45/64 [500]
115	0	0	0	1 [25]	2 [51]	0	165 [75]	24 1/2 [622]	23 17/64 [591]	23 13/64 [589]

*A service clearance of at least 24" is recommended in front of all furnaces

[ ] Designates Metric Conversions

Supply and return depicted as upflow configuration.

Flange configuration will vary depending on installation orientation.

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.

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

PRINTED IN U.S.A. 5-17 QG FORM NO. X33-1573 REV. 1