



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:
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MODULATING DOWNFLOW/HORIZONTAL GAS FURNACES**(-)97V Series****97% A.F.U.E.†****Input Rates 60 to 115 kBTU [17.58 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

FEATURES FOR (-)97V

- 97% residential gas furnace CSA certified
- Downflow/Horizontal
- 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.
- Diagnostics 7-Segment LED all units
- Ignition System – DSI for reliability and longevity
- Water Management System with patented Blocked Drain Sensor
- 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
- 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.

FIELD INSTALLED ACCESSORIES

Vent Termination Kits Concentric:

Vertical/Horizontal = RXGY-E03A-E02A (US & Canadian Installations)

Combustion Air Drain Kit

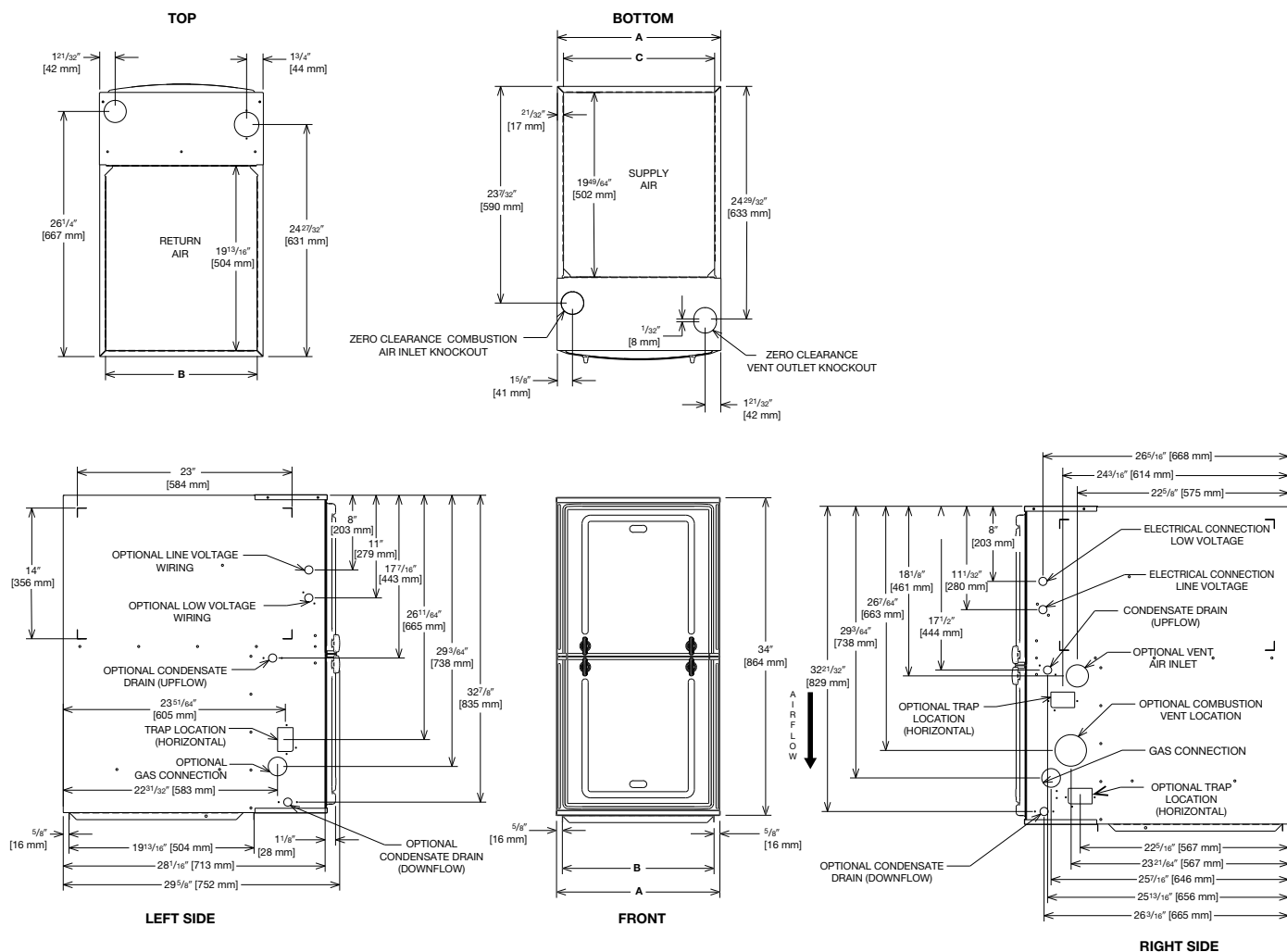
RXGY-D05, RXGY-D06.....

Neutralizer Kit: RXGY-A01

External Bottom Filter Rack RXGF-CB

External (Downflow) Filter Rack RXGF-CC





ST-A1250-03-00

UNIT DIMENSIONS (CLEARANCE TO COMBUSTIBLES)

MODEL (-)97V	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 [662]	23 ¹⁷ / ₆₄ [591]	23 ¹³ / ₆₄ [589]

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

Supply and return depicted as upflow configuration.

Flange configuration will vary depending on installation orientation.

[] 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
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"In keeping with its policy of continuous progress and product improvement, Sure Comfort® reserves the right to make changes without notice."