![Rheem logo]

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 (-)97MV Downflow/Horizontal Gas Furnaces
Heating Stages: Modulating
Input Rates: 60-115 kBTU [11.6-33.7 kW]

JOB NAME _____

CONTRACTOR _____

ENGINEER _____

SUBMITTED FOR ☐ APPROVAL ☐ RECORD

DATE _____

LOCATION _____

ORDER NO. _____

UNIT MODEL NO. _____

COIL MODEL NO. _____

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® Energy Efficiency:** ENERGY STAR® certified, featuring 97% AFUE across all model sizes

- **PlusOne® Diagnostics:** Industry first, 7-Segment LED Display makes service calls quick and easy

- **PlusOne® Ignition System:** Proven Direct Spark Ignition (DSI) for reliability and longevity

- **PlusOne® Water Management System:** Exclusive patented block drain sensor that automatically shuts off the furnace when the drain is blocked and alerts the contractor via diagnostic code

- **Modulating Heating Stage:** Gradual auto-adjustment from low to 100% of capacity to meet precise comfort requirements

- **Constant CFM Motor:** Truly variable speed technology allows for ultimate humidity control, quieter sounds levels and year-round energy savings

- **Quietest Operation[1]:** A fully insulated blower cabinet, solid bottom and truly variable speed airflow technology makes this furnace of the quietest available

- **EcoNet® Enabled Furnace:** The latest in sensor technology and the EcoNet® monitoring system provides a new level of protection, control and energy savings

- **Allows on-the-go control** and receipt of system alerts by the homeowner via the EcoNet® Smart Thermostat and EcoNet® App[2]
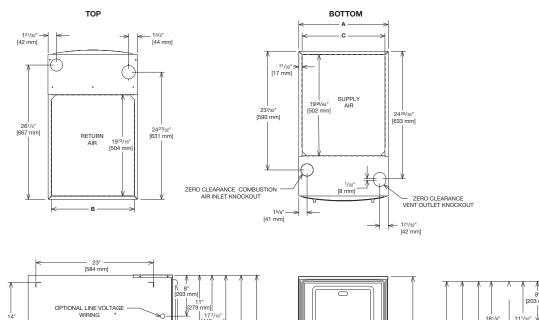
FIELD INSTALLED ACCESSORIES

Vent Termination Kits Concentric:

  Vert/Horz 2" Pipe (US only) = RXGY-E02 .... ☐

  Vert/Horz 2" Pipe (US & Canada) = RXGY-E02A .... ☐

  Vert/Horz 3" Pipe (US only) = RXGY-E03

  Vert/Horz 3" Pipe (US & Canada) = RXGY-E03A .... ☐

Direct Vent Furnace Side Wall Vent 2" or 3" (US only) = RXGY-G02 .... ☐

External Bottom Filter Rack (Horz) = RXGF-CB .... ☐

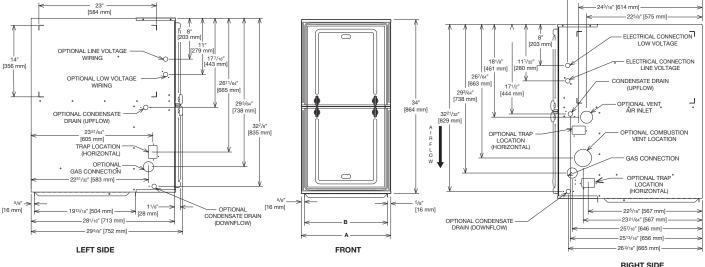External Filter Rack (Downflow) = RXGF-CC .... ☐

[1]Based on manufacturer's furnace offering, and the product's heating stages, motor type and cabinet insulation. Sound levels are also dependent on furnace location and installation.

[2]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. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

TOP

BOTTOM

1²¹/₃₂″ [42 mm]   1³/₄″ [44 mm]

2¹/₃₂″ [17 mm]

23⁷/₃₂″ [590 mm]   19⁴⁹/₆₄″ [502 mm]   SUPPLY AIR   24²⁹/₃₂″ [633 mm]

26¹/₄″ [667 mm]   RETURN AIR   19¹³/₁₆″ [504 mm]   24²⁷/₃₂″ [631 mm]

ZERO CLEARANCE COMBUSTION AIR INLET KNOCKOUT

1/₃₂″ [8 mm]   ZERO CLEARANCE VENT OUTLET KNOCKOUT

1⁵/₈″ [41 mm]   1²¹/₃₂″ [42 mm]

B

LEFT SIDE

23″ [584 mm]

8″ [203 mm]

14″ [356 mm]

11″ [279 mm]

OPTIONAL LINE VOLTAGE WIRING   17⁷/₁₆″ [443 mm]

OPTIONAL LOW VOLTAGE WIRING   26¹¹/₆₄″ [665 mm]

OPTIONAL CONDENSATE DRAIN (UPFLOW)   29³/₆₄″ [738 mm]

23⁵¹/₆₄″ [605 mm]   32⁷/₈″ [835 mm]

TRAP LOCATION (HORIZONTAL)

OPTIONAL GAS CONNECTION

22³¹/₃₂″ [583 mm]

5/₈″ [16 mm]   19¹³/₁₆″ [504 mm]   1¹/₈″ [28 mm]   OPTIONAL CONDENSATE DRAIN (DOWNFLOW)

28¹/₁₆″ [713 mm]

29⁵/₈″ [752 mm]

FRONT

34″ [864 mm]

AIRFLOW

5/₈″ [16 mm]   B   5/₈″ [16 mm]

A

RIGHT SIDE

26⁵/₁₆″ [668 mm]

24³/₁₆″ [614 mm]

22⁵/₈″ [575 mm]

8″ [203 mm]   ELECTRICAL CONNECTION LOW VOLTAGE

18¹/₈″ [461 mm]   11¹¹/₃₂″ [280 mm]   ELECTRICAL CONNECTION LINE VOLTAGE

26⁷/₆₄″ [663 mm]   17¹/₂″ [444 mm]   CONDENSATE DRAIN (UPFLOW)

29³/₆₄″ [738 mm]   OPTIONAL VENT AIR INLET

32²¹/₃₂″ [829 mm]   OPTIONAL TRAP LOCATION (HORIZONTAL)   OPTIONAL COMBUSTION VENT LOCATION

GAS CONNECTION

OPTIONAL TRAP LOCATION (HORIZONTAL)

OPTIONAL CONDENSATE DRAIN (DOWNFLOW)

22⁵/₁₆″ [567 mm]

23²¹/₆₄″ [567 mm]

25⁷/₁₆″ [646 mm]

25¹³/₁₆″ [656 mm]

26³/₁₆″ [665 mm]

ST-A1250-03-00

Unit Dimensions (Clearance to Combustibles)

| MODEL (-)97MV | LEFT SIDE | MINIMUM CLEARANCE (IN.) [mm] | | | | |
		RIGHT SIDE	BACK	TOP	FRONT	VENT
60	0	0	0	1 [25]	2 [51]	0
70	0	0	0	1 [25]	2 [51]	0
85	0	0	0	1 [25]	2 [51]	0
100	0	0	0	1 [25]	2 [51]	0
115	0	0	0	1 [25]	2 [51]	0

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

[   ] Designates Metric Conversions

| FLANGE DIMENSIONS | | |
A	B	C
17¹/₂ [445]	16¹⁷/₆₄ [413]	16¹³/₆₄ [412]
21 [533]	19⁴⁹/₆₄ [502]	19⁴⁵/₆₄ [500]
24¹/₂ [662]	23¹⁷/₆₄ [591]	23¹³/₆₄ [589]

Supply and return depicted as downflow 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.

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