



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 (-)98MV Upflow Gas Furnaces

## Heating Stages: Modulating

### Input Rates: 60-115 kBTU [11.6-33.7 kW]

JOB NAME \_\_\_\_\_ LOCATION \_\_\_\_\_

CONTRACTOR \_\_\_\_\_ ORDER NO. \_\_\_\_\_

ENGINEER \_\_\_\_\_ UNIT MODEL NO. \_\_\_\_\_

SUBMITTED FOR  APPROVAL  RECORD COIL MODEL NO. \_\_\_\_\_

DATE \_\_\_\_\_ 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 98% 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<sup>1</sup>:** 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<sup>2</sup>

#### 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 (Upflow) = RXGF-CB .....
  - External Side Filter Rack (Upflow) = RXGF-CD .....

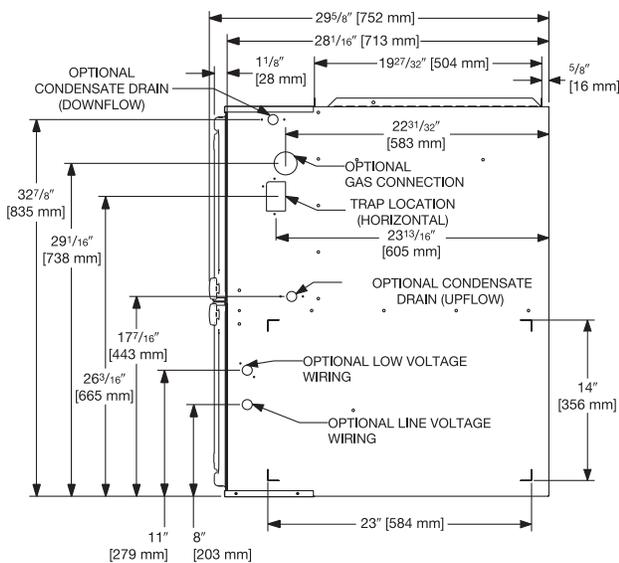
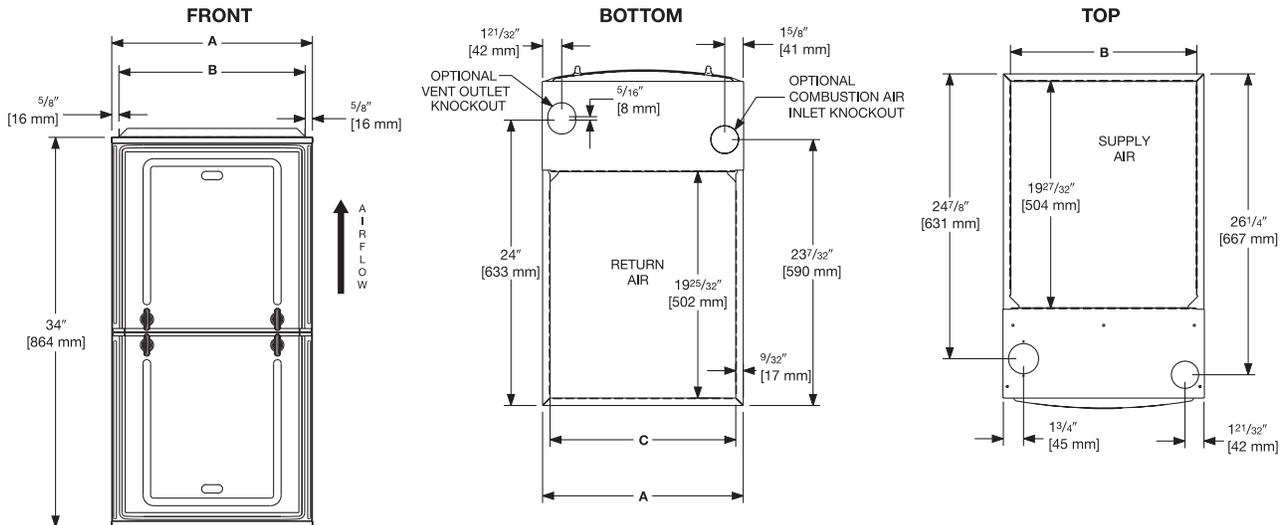


<sup>1</sup>Based on manufacturer's furnace offering, and the product's heating stages, motor type and cabinet insulation. Sound levels are also dependent on furnace location and installation.

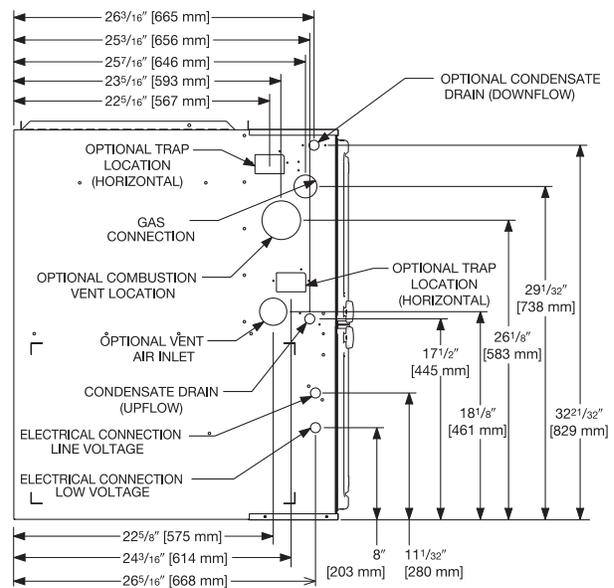
<sup>2</sup>Wifi broadband internet connection required. Download the EcoNet® App from the App Store® or Google Play® to set up your EcoNet® Smart Thermostat. Receipt of notifications depend on home WiFi set up. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

(-)98MV

# Upflow Application



RIGHT SIDE



LEFT SIDE

## Unit Dimensions

| MODEL (-)98MV | LEFT SIDE | MINIMUM CLEARANCE (IN.) [mm] |      |        |        |      | FLANGE DIMENSIONS |                |                |
|---------------|-----------|------------------------------|------|--------|--------|------|-------------------|----------------|----------------|
|               |           | RIGHT SIDE                   | BACK | TOP    | FRONT  | VENT | A                 | B              | C              |
| 060           | 0         | 0                            | 0    | 1 [25] | 2 [51] | 0    | 17 1/2 [445]      | 16 17/64 [413] | 16 13/64 [412] |
| 070           | 0         | 0                            | 0    | 1 [25] | 2 [51] | 0    | 17 1/2 [445]      | 16 17/64 [413] | 16 13/64 [412] |
| 085           | 0         | 0                            | 0    | 1 [25] | 2 [51] | 0    | 21 [533]          | 19 49/64 [502] | 19 45/64 [500] |
| 100           | 0         | 0                            | 0    | 1 [25] | 2 [51] | 0    | 21 [533]          | 19 49/64 [502] | 19 45/64 [500] |
| 115           | 0         | 0                            | 0    | 1 [25] | 2 [51] | 0    | 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.**

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