FRIEDRICH

1 8 8 3

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 (-)951V Upflow Horizontal Ultra Low NOx Gas Furnace
Input Rates: 60 to 100 kBTU [17.5 to 29.3 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
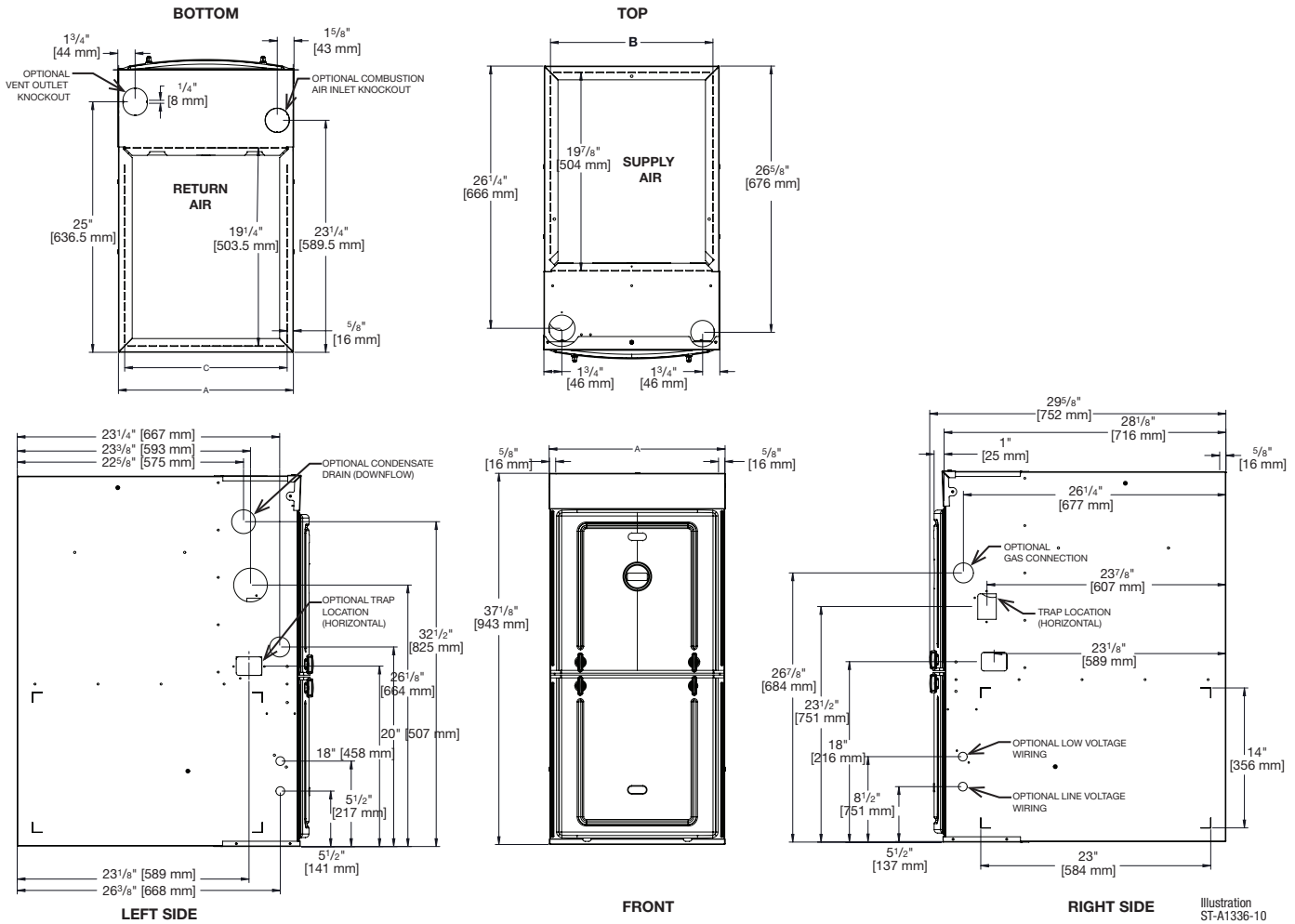   FUSES/HACR BREAKER .... _____ AMPS

FEATURES

- **Ultra Low Greenhouse Gas Emissions:** Certified unit meets 14ng/j NOx emission standard – reducing NOx emissions by 65%

- **PlusOne® Energy Efficiency:** ENERGY STAR® certified, featuring 95% AFUE across all model sizes

- **PlusOne® Diagnostics:** With the Contractor & EcoNet® Apps, built-in EcoNet® & Bluetooth®[1] technology makes monitoring, troubleshooting and repairing the product easier than ever before

- **Dip Switch Free Installation Commissioning via Bluetooth® Technology:** Seamless final install step without DIP switch configuration using the Contractor App

- **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 also alerts the contractor via diagnostic code

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

- **Quieter Operation[2]:** A fully insulated blower cabinet, solid bottom and truly variable speed airflow technology makes this furnace one of the quieter options 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[3]

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................... ☐

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 (Downflow) Filter Rack RXGF-CC.. ☐

[1]The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Rheem® is under license. Other trademarks and trade names are those of their respective owners.
[2]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.
[3]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.

BOTTOM

1³/₄" [44 mm] 1⁵/₈" [43 mm]

OPTIONAL VENT OUTLET KNOCKOUT

¹/₄" [8 mm]

OPTIONAL COMBUSTION AIR INLET KNOCKOUT

RETURN AIR

25" [636.5 mm] 19¹/₄" [503.5 mm] 23¹/₄" [589.5 mm]

⁵/₈" [16 mm]

C

A

TOP

B

26¹/₄" [666 mm] 19⁷/₈" [504 mm] **SUPPLY AIR** 26⁵/₈" [676 mm]

1³/₄" [46 mm] 1³/₄" [46 mm]

LEFT SIDE

23¹/₄" [667 mm] 23³/₈" [593 mm] 22⁵/₈" [575 mm]

OPTIONAL CONDENSATE DRAIN (DOWNFLOW)

OPTIONAL TRAP LOCATION (HORIZONTAL)

32¹/₂" [825 mm] 26¹/₈" [664 mm] 20" [507 mm] 18" [458 mm] 5¹/₂" [217 mm] 5¹/₂" [141 mm]

23¹/₈" [589 mm] 26³/₈" [668 mm]

FRONT

⁵/₈" [16 mm] A ⁵/₈" [16 mm]

37¹/₈" [943 mm]

RIGHT SIDE

29⁵/₈" [752 mm] 28¹/₈" [716 mm] 1" [25 mm] ⁵/₈" [16 mm]

26¹/₄" [677 mm]

OPTIONAL GAS CONNECTION

23⁷/₈" [607 mm]

TRAP LOCATION (HORIZONTAL)

23¹/₈" [589 mm]

26⁷/₈" [684 mm] 23¹/₂" [751 mm] 18" [216 mm] 8¹/₂" [751 mm]

OPTIONAL LOW VOLTAGE WIRING

OPTIONAL LINE VOLTAGE WIRING

14" [356 mm]

5¹/₂" [137 mm] 23" [584 mm]

Illustration ST-A1336-10

Unit Dimensions

MODEL (-)951V	LEFT SIDE	MINIMUM CLEARANCE (IN.) [mm]					SHIP WGTS.	FLANGE DIMENSIONS		
		RIGHT SIDE	BACK	TOP	FRONT	VENT		A	B	C
060	0	0	0	1 [25]	2 [51]	0	128 [58]	17¹/₂ [445]	16¹⁷/₆₄ [413]	16¹³/₆₄ [412]
100	0	0	0	1 [25]	2 [51]	0	152 [69]	21 [533]	19⁴⁹/₆₄ [502]	19⁴⁵/₆₄ [500]

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 and 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."

PRINTED IN U.S.A.   8-23 QG   FORM NO. X33-1667