RUSSELL ®
By Rheem

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:

Vantix™ Line S951V Ultra Low NOx Gas Furnaces
95% A.F.U.E.†
EcoNet® Enabled
Heating Stages: Single Stage
Motor Type: Constant CFM
Input Rates: 40 to 100 kBTU [12.31 to 27.84 kW]
Configuration Options: 4-Way Multi-Position

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

- **Ultra Low Greenhouse Gas Emissions:** Certified unit meets 14ng/j NOx emission standard – reducing NOx emissions by 65%
- **Energy Efficiency:** ENERGY STAR® certified, featuring 95% AFUE across all model sizes
- **Diagnostics:** With the Contractor & EcoNet® Apps, built-in EcoNet® & Bluetooth®2 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
- **Ignition System:** Proven Direct Spark Ignition (DSI) for reliability and longevity
- **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**[3]**:** 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[4]
- **This unit is certified** for use in elevations up to 10,000 feet

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.. ☐

ENERGY STAR[1] Bluetooth® Dual Fuel The Choice Is Yours

EcoNet® SUSTAINABILITY STANDOUT™ This product meets a stringent set of our internally defined sustainability standards
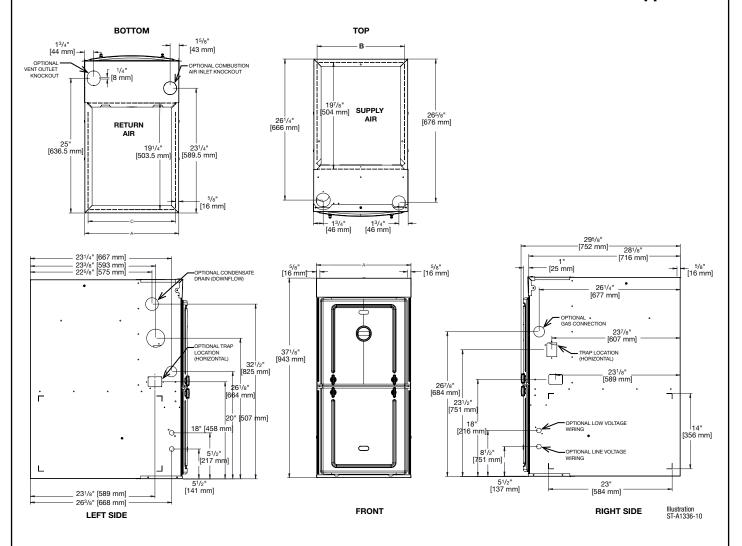
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† A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

[1]*Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR®. Ask your Contractor for details or visit www.energystar.gov. [2]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. [3]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. [4]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
19⁷/₈" [504 mm] SUPPLY AIR
26¹/₄" [666 mm] 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]
OPTIONAL LOW VOLTAGE WIRING
14" [356 mm]
8¹/₂" [751 mm]
OPTIONAL LINE VOLTAGE WIRING
5¹/₂" [137 mm]
23" [584 mm]

Illustration ST-A1336-10

Unit Dimensions

MODEL S951V ULN	MINIMUM CLEARANCE (IN.) [mm]						FLANGE DIMENSIONS		
	LEFT SIDE	RIGHT SIDE	BACK	TOP	FRONT	VENT	A	B	C
040	0	0	0	1 [25]	2 [51]	0	17¹/₂ [445]	16¹⁷/₆₄ [413]	16¹³/₆₄ [412]
060	0	0	0	1 [25]	2 [51]	0	17¹/₂ [445]	16¹⁷/₆₄ [413]	16¹³/₆₄ [412]
070	0	0	0	1 [25]	2 [51]	0	21 [533]	19⁴⁹/₆₄ [502]	19⁴⁵/₆₄ [500]
100	0	0	0	1 [25]	2 [51]	0	21 [533]	19⁴⁹/₆₄ [502]	19⁴⁵/₆₄ [500]

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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