



**Russell**<sup>®</sup>  
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 S921V 4-Way Multi-Position Gas Furnaces

## Heating Stages: Single Stage

### Input Rates: 40 to 115 kBtu [11.7 to 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

- **Energy Efficiency:** US South ENERGY STAR® certified, featuring 92% AFUE across all model sizes
- **Diagnostics:** With the Contractor & EcoNet® Apps, built-in EcoNet® & Bluetooth 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<sup>1</sup>:** 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<sup>2</sup>

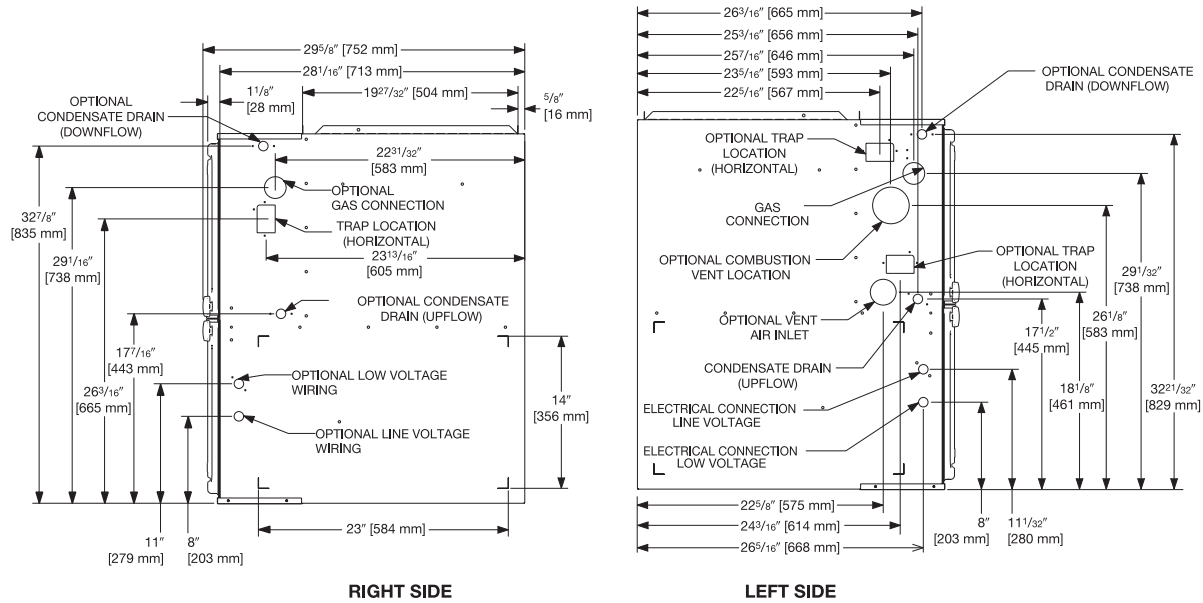
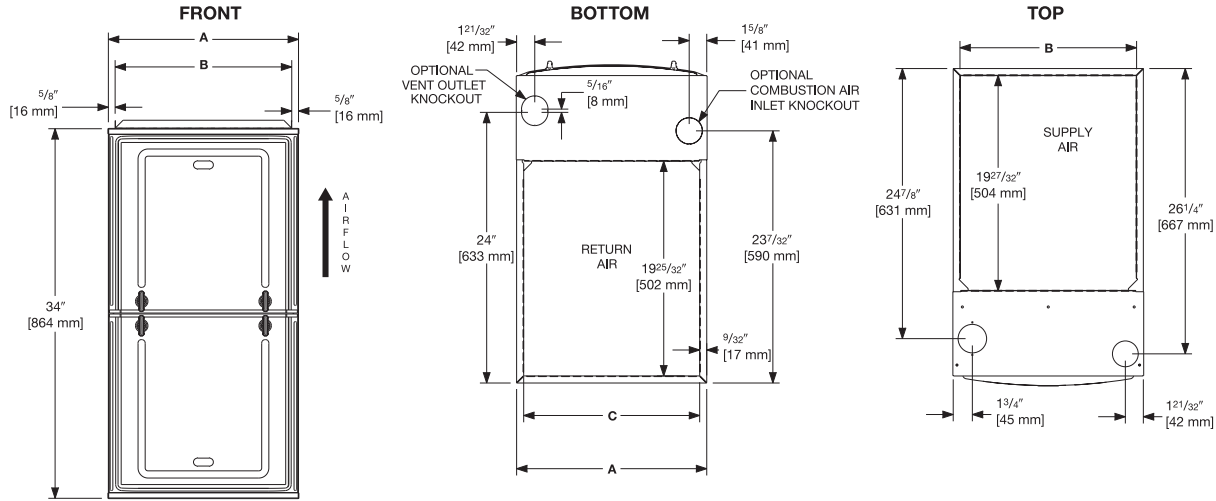
#### FIELD INSTALLED ACCESSORIES

- Vent Termination Kits Concentric:
- Vertical/Horizontal 2" Pipe (US only) = RXGY-E02.....
  - Vertical/Horizontal 2" Pipe (US & Canada) = RXGY-E02A.....
  - Vertical/Horizontal 3" Pipe (US only) = RXGY-E03.....
  - Vertical/Horizontal 3" Pipe (US & Canada) = RXGY-E03A.....
- Direct Vent Furnace Side Wall Vent 2" or 3"  
 (US only) = RXGY-G02 .....



<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.



Unit Dimensions

MODEL S921V	LEFT SIDE	MINIMUM CLEARANCE (IN.) [mm]					SHIP WGTs.	FLANGE DIMENSIONS		
		RIGHT SIDE	BACK	TOP	FRONT	VENT		A	B	C
040	0	0	0	1 [25]	2 [51]	0	123.5 [56]	17 1/2 [445]	16 17/64 [413]	16 13/64 [412]
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]
070 (wide)	0	0	0	1 [25]	2 [51]	0	147.5 [67]	21 [533]	19 49/64 [502]	19 45/64 [500]
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.

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