

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						
MinMax. Breaker						
Net Unit Weight						
Accessory						
Catalog Form Number						
ACCESSORIES:	NOTES:					
	1					

Vantix[™] Line S98MV 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	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	%
4 11 1 1 1	

(*uses blower motor heat)

SUPPLY AIR BLOWER PERFORMANCE

TOTAL AIR SUPPLY CFM [L/s]
TOTAL RESISTANCE EXTERNAL TO UNITIWG
BLOWER SPEEDRPM
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: ENERGY STAR® certified, featuring 98% AFUE across all model sizes
- Diagnostics: Industry first, 7-Segment LED Display makes service calls quick and easy
- 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 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 Operation¹: 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® App²

FIELD INSTALLED ACCESSORIES

Vent Termination Kits Concentric:

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

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

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

¹Based 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.

²Wifi 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.

Upflow Application S98MV TOP **FRONT** воттом [42 mm] [41 mm] OPTIONAL OPTIONAL - COMBUSTION AIR INLET KNOCKOUT VENT OUTLET KNOCKOUT 5/8" [8 mm] [16 mm] [16 mm] SUPPLY 1927/32 24⁷/8" [631 mm] [504 mm] 261/4" [667 mm] 237/32 RETURN A**I**R [633 mm] 19²⁵/₃₂" [502 mm] [864 mm] 121/32" [45 mm] [42 mm] 263/16" [665 mm] 253/16" [656 mm] 295/8" [752 mm] 25⁷/16" [646 mm] OPTIONAL CONDENSATE DRAIN (DOWNFLOW) -281/16" [713 mm]--23⁵/16" [593 mm] 11/8" 19²⁷/₃₂" [504 mm] 225/16" [567 mm] OPTIONAL CONDENSATE DRAIN [16 mm] (DOWNFLOW) OPTIONAL TRAP LOCATION • (HORIZONTAL) 2231/32 [583 mm] OPTIONAL GAS CONNECTION GAS -CONNECTION 327/8 TRAP LOCATION (HORIZONTAL) 23¹³/₁₆" — [835 mm] OPTIONAL TRAP 291/16" OPTIONAL COMBUSTION VENT LOCATION LOCATION (HORIZONTAL) [605 mm] [738 mm] OPTIONAL CONDENSATE DRAIN (UPFLOW) 261/8" ÖPTIONAL VENT AIR INLET 17¹/2" [445 mm] 17⁷/16" [443 mm] CONDENSATE DRAIN OPTIONAL LOW VOLTAGE (UPFLOW) 3221/32" 263/16" WIRING 181/8 ELECTRICAL CONNECTION LINE VOLTAGE [461 mm] [829 mm] [665 mm] [356 mm] OPTIONAL LINE VOLTAGE WIRING ELECTRICAL CONNECTION LOW VOLTAGE ·225/8" [575 mm] · 243/16" [614 mm] 111/321 23" [584 mm]

Unit Dimensions

[279 mm]

[203 mm]

RIGHT SIDE

MODEL	LEFT	MINIMUM CLEARANCE (IN.) [mm]				FLANGE DIMENSIONS			
S98MV SIDE	RIGHT SIDE	BACK	ТОР	FRONT	VENT	A	В	С	
060	0	0	0	1 [25]	2 [51]	0	171/2 [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	241/2 [662]	2317/64 [591]	2313/64 [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

[203 mm]

265/16" [668 mm]

LEFT SIDE

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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