

# **SUBMITTAL COVER SHEET**

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:

### COMMUNICATING MODULATING DOWNFLOW **GAS FURNACES**

A.F.U.E.† up to 92.3%

## RGGE- Series Input Rates from 60 to 120 kBTU [17.58 to 35.16 kW]

JOB NAME			MODEL NO.
CONTRACTOR			OUTDOOR UNIT MODEL NO
ENGINEER			LOCATION
SUBMITTED FOR	☐ APPROVAL	□ RECORD	ORDER NO
DATE			FEATURES FOR RGGE-

### **Equipped with** Comfort Control<sup>2</sup> System<sup>™</sup>

- · Serial communication enabled
- · Increased system reliability and efficiency
- 28 on-board diagnostic and operating codes
- Active Protection<sup>™</sup> with homeowner "Call for Service" alert
- Dual 7-segment LED display

#### **UNIT DATA**

HEATING PERFORMANC	E	
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











- The Comfort Control<sup>2</sup> System™ provides over 28 on-board diagnostics and fault history codes by detecting system and electrical problems. "Call for Service" alert notification is sent to the thermostat to alert the homeowner of required service.
- Serial Communication Enhanced When installed with a Serial Communicating Condensing Unit and user interface control (RHC-TST550CMMS) 500 Series thermostat this unit offers 4 or 2 wire installation, auto-configuration, and diagnostic messaging with full communicating capability.
- · Heat exchanger is constructed of all stainless steel for maximum corrosion resistance and thermal fatigue reliability.
- · Modulating Function: when used with a modulating thermostat, modulation rate between 40% and 100% of total capacity.
- Two-stage Function: when used with a two-stage thermostat, furnace operates at 40% on low-fire, and stages up to 65%, then 100% for
- · Multistage Function: when used with a single-stage thermostat, furnace operates at 40%, 65% and 100% of total capacity.
- · Reduced firing rates, electrically efficient ECM motor, and solid doors provide the ultimate in quiet operation.
- Up to 92.3% A.F.U.E.
- · Low speed constant fan.
- · Constant temperature rise for superior comfort.
- Dual Seven segment LED's for system diagnostics.
- · Diagnostic history for troubleshooting.
- Two-speed induced draft motor.
- · Direct spark ignition with remote sense.
- · Left or right side gas and electric inlet connections and condensate drainage allow quick and simple change.
- · Optional indoor or outdoor combustion air.
- †A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

#### FIELD INSTALLED ACCESSORIES

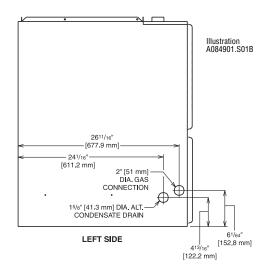
High Alt Kits (RXGY-F34, F35, F36 & F37)	
Vent Termination Kits Concentric:	
Vertical/Horizontal: RXGY-D02, RXGY-E03, RXGY-G02	
Condensate Pump Kit: RXGY-B01	
Neutralizer Kit: RXGY-A01	
Return Air Plenum (RXGR-C17B, 21B, 24B)	
External Side Filter Rack: RXGF-CC	
Communicating Modulating Furnace Thermostat:	
(-)HC-TST550CMMS	
Alternate (Left Side) Drain Kit: RXGY-H01	<u> </u>

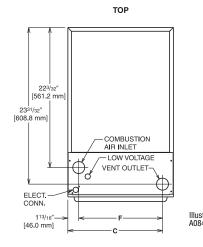
FILTER RACK FILTER SIZES* INCHES [mm]								
MODEL RGGE-	RXGF-CC(BOTTOM)							
06	(2) 12 x 20 [305 x 508]							
07	(2) 12 x 20 [305 x 508]							
09	(2) 12 x 20 [305 x 508]							
10	(2) 12 x 20 [305 x 508]							
12	(2) 14 x 20 [356 x 508]							

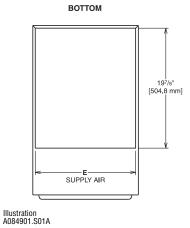
<sup>\*</sup>Filter racks are shipped without filters.

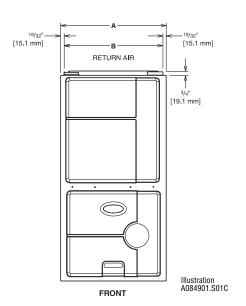
Filters shipped with furnace may be used or a suitable 1" [25.4 mm] filter.

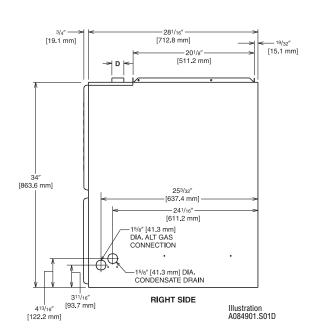
#### **DOWNFLOW MODELS**











MODEL		В	С	D	E	F	LEFT SIDE	MINIMUM CLEARANCE (IN.) [mm]				SHIP. WGTS.	
RGGE-	A							RIGHT SIDE	BACK	ТОР	FRONT	VENT	(LBS.) (kg)
06	17 <sup>1</sup> / <sub>2</sub> [445]	16 <sup>11</sup> /32 [415]	155/8 [397]	2 [51]	16 <sup>5</sup> /8 [422]	13 <sup>7</sup> /8 [352]	0	0	0	1 [25]	2 [51]	0	117 [53]
07	171/2 [445]	1611/32 [415]	155/8 [397]	2 [51]	165/8 [422]	137/8 [352]	0	0	0	1 [25]	2 [51]	0	123 [56]
09	21 [533]	1927/32 [504]	193/16 [487]	2 [51]	201/8 [511]	173/8 [441]	0	0	0	1 [25]	2 [51]	0	148 [67]
10	21 [533]	1927/32 [504]	193/16 [487]	2 [51]	201/8 [511]	173/8 [441]	0	0	0	1 [25]	2 [51]	0	152 [69]
12	241/2 [622]	2311/32 [594]	225/8 [575]	2 [51]	235/8 [600]	207/8 [530]	0	0	0	1 [25]	2 [51]	0	160 [73]

### [ ] 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.

Rheem Sales Company, Inc. P.O. Box 17010, Fort Smith, AR 72917

"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. 7-12 QG FORM NO. X33-1374