



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						
Min.-Max. Breaker						
Net Unit Weight						
Accessory						
Catalog Form Number						

ACCESSORIES:

NOTES:

SUBMITTAL SHEET FOR RGPE-TWO-STAGE SUPER QUIET 80™ COMMUNICATING UPFLOW/HORIZONTAL GAS FURNACES EQUIPPED WITH THE COMFORT CONTROL² SYSTEM AND CONTOUR COMFORT CONTROL®

ECM Equipped Models with Input Rates from 50,000 to 125,000 BTU/HR [15 to 37 kW].

JOB NAME _____ MODEL NO. _____
 CONTRACTOR _____ OUTDOOR UNIT MODEL NO. _____
 ENGINEER _____ LOCATION _____
 SUBMITTED FOR APPROVAL RECORD ORDER NO. _____
 DATE _____

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
 MOTOR RATING HP [W]
 POWER INPUT REQUIREMENT kW

ELECTRICAL DATA

POWER SUPPLY Hz
 UNIT AMPACITY AMPS
 MINIMUM WIRE SIZE AWG
 MAXIMUM OVERCURRENT DEVICE FUSES/HACR BREAKER AMPS

FEATURES FOR RGPE-

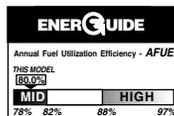
- The *Comfort Control² System™* provides over 28 on-board diagnostics and fault history codes by detecting system and electrical problems. "Call for Service" alert notification is sent to the thermostat to alert the homeowner of required service.
- Serial Communication Enhanced – When installed with a Serial Communicating Condensing Unit and user interface control ((-)HC-TST550CMMS) 500 Series thermostat this unit offers 4 or 2 wire installation, auto-configuration, and diagnostic messaging with full communicating capability.
- Patented Heat Exchanger, constructed of both stainless and aluminized steel for the maximum in corrosion resistance.
- Low profile "34 inch" [864 mm] design is lighter and easier to handle, and leaves room for optional equipment.
- Energy efficient and quiet ECM 2+ communicating motor.
- Improves cooling efficiency when matched with rated condensing unit and coil.
- Constant CFM.
- Seven segment LED for system diagnostics.
- Diagnostic history for troubleshooting.
- Dip switch settings for selectable cooling airflow.
- On-demand dehumidification terminal for improved comfort in cooling mode.
- Convertible from upflow to horizontal left or right.
- Left or right side gas and electric inlet connections.
- All models equipped with flame sensor feature, an integrated board with humidifier and electronic air cleaner hookups.
- Insulated blower compartment, a slow-open gas valve, a specially designed draft inducer motor and blower motor make it one of the quietest furnaces on the market today.
- Pre-paint galvanized steel cabinet.
- Molded permanent filter.
- Easy door removal and replacement.
- Compatible with single or two-stage thermostat. (For optimal performance, two-stage thermostat recommended.)

A variety of cooling coils and plenums designed to use with *Super Quiet 80™* Two Stage gas furnaces are available as optional accessories.

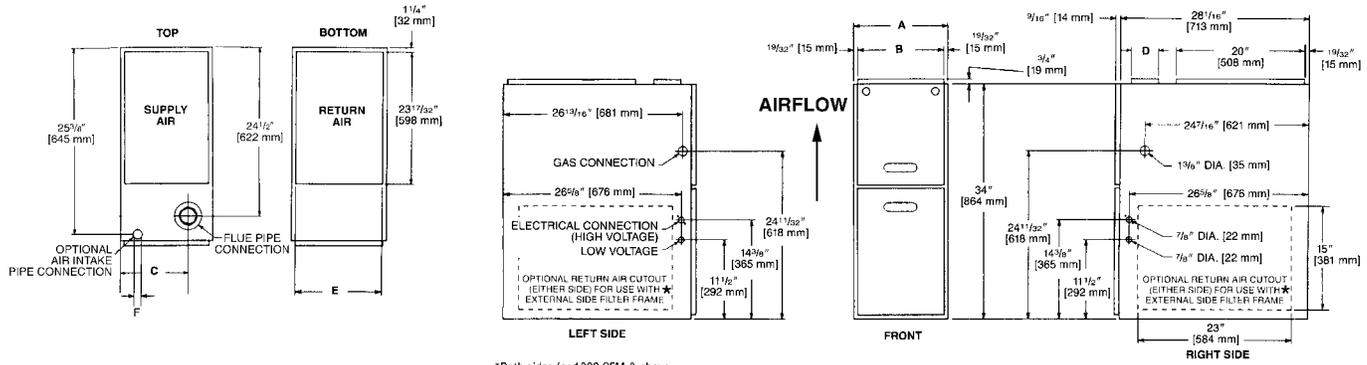
† A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

FIELD INSTALLED ACCESSORIES:

- Fossil Fuel Kit: RXPF-F01 and F02
- External Bottom Filter Rack: RXGF-CB
- External Side Return Filter Rack: RXGF-CA
- Return Air Cabinets: RXGR-CB
- Solid Bottom Kit: (RXGB-D17, 21, 24)
- Internal Filter Rack for Bottom or Side Return RXGF-DA
- Chimney Adapter: RXGW-B01
- Thermostats
- Supply Air Sensor



UPFLOW MODELS



*Both sides for 1800 CFM & above

UPFLOW DIMENSIONS AND CLEARANCE TO COMBUSTIBLE MATERIAL (INCHES) [mm]

MODEL RGPE-	A	B	C	D	E	F	REDUCED CLEARANCES (IN.) [mm]						
							LEFT SIDE	RIGHT SIDE	BACK	TOP	FRONT	VENT	SHIP. WGTs. (LBS.) [Kg]
05, 07A	17 1/2 [445]	16 11/32 [415]	12 3/8 [314]	Ⓚ	15 [381]	2 1/2 [64]	0	3 [76] ②	0	1 [25]	3 [76]	6 [152] ③	105 [47.6]
07B, 10	21 [533]	19 27/32 [504]	14 1/8 [359]	Ⓚ	18 1/2 [470]	2 1/2 [64]	0	0	0	1 [25]	3 [76]	6 [152] ③	120 [54.4]
12	24 1/2 [622]	23 11/32 [593]	15 7/8 [403]	Ⓚ	22 [559]	2 1/2 [64]	0	0	0	1 [25]	3 [76]	6 [152] ③	140 [63.5]

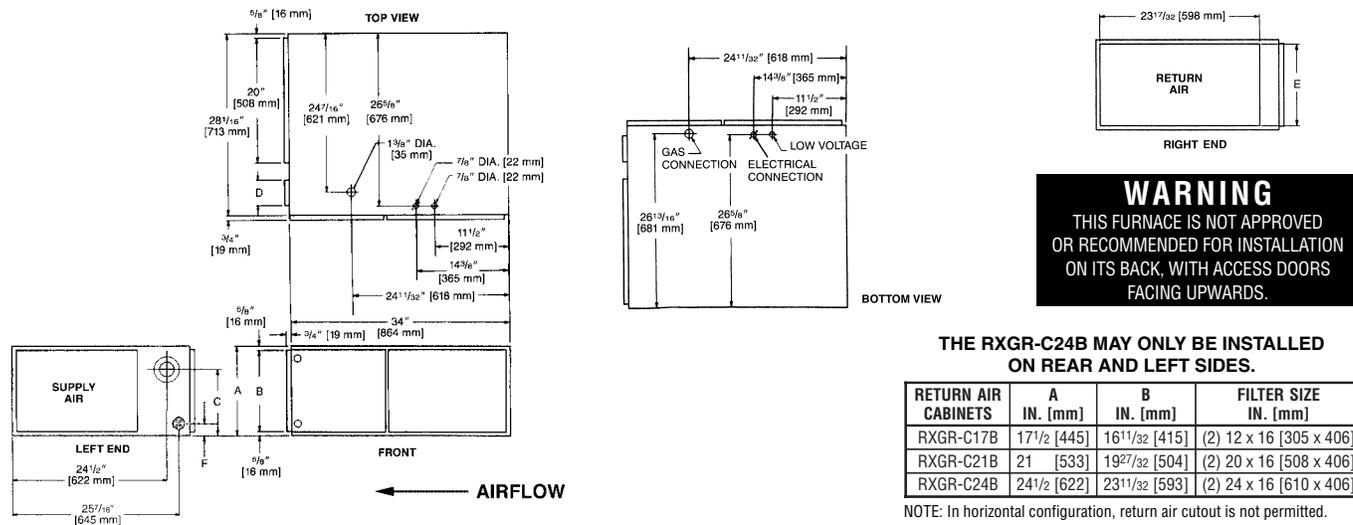
NOTES: ① May require a 3" [76 mm] to 4" [102 mm] or 3" [76 mm] to 5" [127 mm] adapter.

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/or Can/CGA-B149 Installation Codes and in accordance with local codes.

HORIZONTAL MODELS



WARNING
THIS FURNACE IS NOT APPROVED
OR RECOMMENDED FOR INSTALLATION
ON ITS BACK, WITH ACCESS DOORS
FACING UPWARDS.

**THE RXGR-C24B MAY ONLY BE INSTALLED
ON REAR AND LEFT SIDES.**

RETURN AIR CABINETS	A IN. [mm]	B IN. [mm]	FILTER SIZE IN. [mm]
RXGR-C17B	17 1/2 [445]	16 11/32 [415]	(2) 12 x 16 [305 x 406]
RXGR-C21B	21 [533]	19 27/32 [504]	(2) 20 x 16 [508 x 406]
RXGR-C24B	24 1/2 [622]	23 11/32 [593]	(2) 24 x 16 [610 x 406]

NOTE: In horizontal configuration, return air cutoff is not permitted.

HORIZONTAL DIMENSIONS AND CLEARANCE TO COMBUSTIBLE MATERIAL (INCHES) [mm]

MODEL RGPE-	A	B	C	D	E	F	REDUCED CLEARANCES (IN.) [mm]						
							LEFT SIDE	RIGHT SIDE	BACK	TOP	FRONT	VENT	SHIP. WGTs. (LBS.) [Kg]
05, 07A	17 1/2 [445]	16 11/32 [415]	12 3/8 [314]	Ⓚ	15 [381]	2 1/2 [64]	0	3 [76] ②	0	1 [25]	3 [76]	6 [152] ③	110 [49.9]
07B, 10	21 [533]	19 27/32 [504]	14 1/8 [359]	Ⓚ	18 1/2 [470]	2 1/2 [64]	0	0	0	1 [25]	3 [76]	6 [152] ③	120 [54.4]
12	24 1/2 [622]	23 11/32 [593]	15 7/8 [403]	Ⓚ	22 [559]	2 1/2 [64]	0	0	0	1 [25]	3 [76]	6 [152] ③	140 [63.5]

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/or Can/CGA-B149 Installation Codes 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.

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."