



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 RGPQ- 80% A.F.U.E.† TWO-STAGE UPFLOW/HORIZONTAL GAS FURNACES

Models with Input Rates from 50,000 to 150,000 BTU/HR [15 to 44 kW].
(U.S. & Canadian Models)

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
 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 FOR RGPQ-

- Patented heat exchanger, constructed of both stainless and aluminized steel for the maximum in corrosion resistance.
- Low profile "34 inch" design is lighter and easier to handle, and leaves room for optional equipment.
- Convertible from upflow to horizontal left or right without field conversion.
- Left or right side gas and electric inlet connections with quick, simple change.
- Direct spark ignition models equipped with remote sense and feature an integrated board with humidifier and electronic air cleaner hookups.
- Insulated blower compartment, a two stage gas valve and a specially designed two speed draft inducer motor make it one of the quietest furnaces on the market today.
- Pre-paint galvanized steel cabinet.
- Molded permanent filter.
- Grab-holes in doors to aid in easy door removal and replacement.
- Compatible with single or two-stage thermostat. (For optimal performance two-stage thermostat recommended.)

Furnaces can be installed in an upflow position or laid on either side in a horizontal position. Field conversion not required.

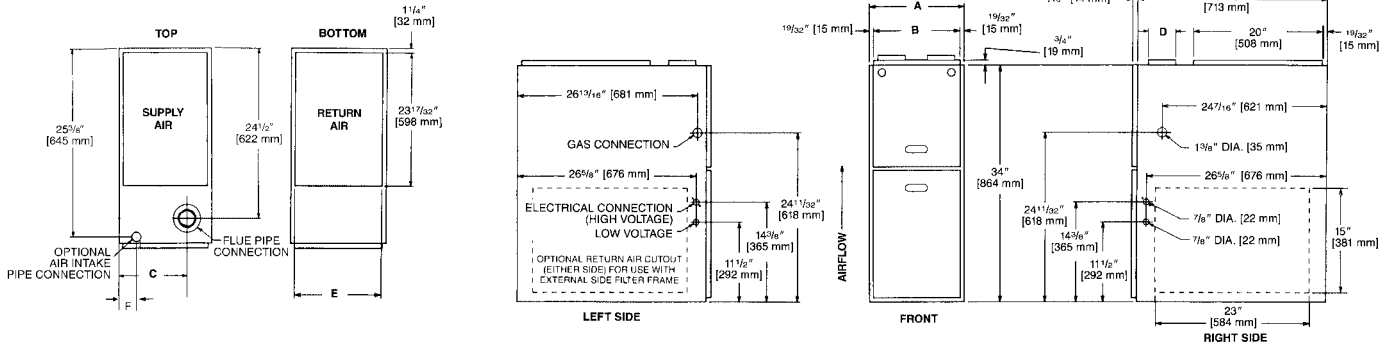
†A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

FIELD INSTALLED ACCESSORIES:

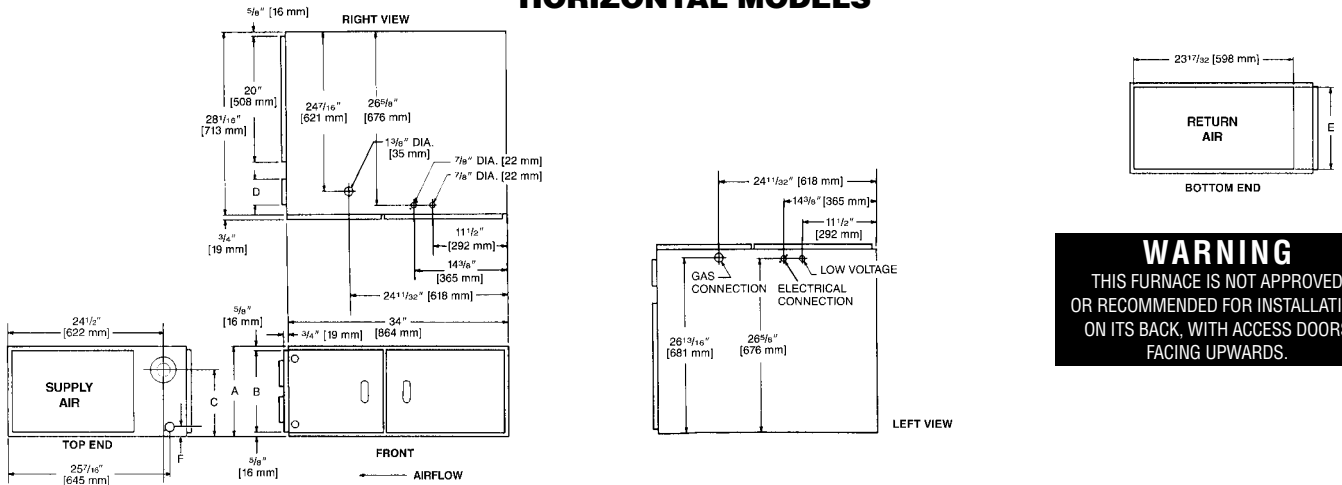
- Fossil Fuel Kit: RXPF-F01 and F02
 External Bottom Filter Rack: RXGF-CB
 External Side Return Filter Rack: RXGF-CA
 Return Air Cabinets: RXGR-CB
 Solid Bottom Kit: (RXGB-D14, 17, 21, 24)



UPFLOW MODELS



HORIZONTAL MODELS



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

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

MODEL RGPQ-	A	B	C	D	E	F	REDUCED CLEARANCES (IN.) [mm]					
							LEFT SIDE	RIGHT SIDE	BACK	TOP	FRONT	VENT
05	14 [356]	12 27/32 [326]	10 9/8 [270]	⊕ 11 1/2 [292]	1 7/8 [48]	0	4 [102] ⊕	0	1 [25]	3 [76]	6 [152] ⊕	85 [38.6]
07	17 1/2 [445]	16 11/32 [415]	12 3/8 [314]	⊕ 15 [381]	2 1/2 [64]	0	3 [76] ⊕	0	1 [25]	3 [76]	6 [152] ⊕	105 [47.6]
10 (A)	17 1/2 [445]	16 11/32 [415]	12 3/8 [314]	⊕ 15 [381]	2 1/2 [64]	0	3 [76] ⊕	0	1 [25]	3 [76]	6 [152] ⊕	115 [52.2]
10 (B)	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] ⊕	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] ⊕	140 [63.5]
15	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] ⊕	150 [68]

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

MODEL RGPQ-	A	B	C	D	E	F	REDUCED CLEARANCES (IN.) [mm]					
							LEFT SIDE	RIGHT SIDE	BACK	TOP	FRONT	VENT
05	14 [356]	12 27/32 [326]	10 9/8 [270]	⊕ 11 1/2 [292]	1 7/8 [48]	0	4 [102] ⊕	0	1 [25]	3 [76]	6 [152] ⊕	85
07	17 1/2 [445]	16 11/32 [415]	12 3/8 [314]	⊕ 15 [381]	2 1/2 [64]	0	3 [76] ⊕	0	1 [25]	3 [76]	6 [152] ⊕	105
10 (A)	17 1/2 [445]	16 11/32 [415]	12 3/8 [314]	⊕ 15 [381]	2 1/2 [64]	0	3 [76] ⊕	0	1 [25]	3 [76]	6 [152] ⊕	115
10 (B)	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] ⊕	120
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] ⊕	140
15	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] ⊕	150

NOTES: ⊕ May require a 3" [76 mm] to 4" [102 mm] or 3" [76 mm] to 5" [127 mm] adapter.
 ⊕ May be 0" [0 mm] with type B vent.
 ⊕ 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.

**THE RXGR-C24B MAY ONLY BE INSTALLED
 ON THE SIDE OPPOSITE THE GAS AND
 ELECTRICAL CONNECTIONS.**

[] Designates Metric Conversions

RETURN AIR CABINETS	A IN. [mm]	FILTER SIZE IN. [mm]
RXGR-C14B	14 [356]	(2) 12 x 16 [305 x 406]
RXGR-C17B	17 1/2 [445]	(2) 12 x 16 [305 x 406]
RXGR-C21B	21 [533]	(2) 20 x 16 [508 x 406]
RXGR-C24B	24 1/2 [622]	(2) 24 x 16 [610 x 406]

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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"In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice."