

SUBMITTAL SHEET FOR RGPS- 80% A.F.U.E.[†] UPFLOW/HORIZONTAL GAS FURNACES

Models with Input Rates from 50,000 to 150,000 BTU/HR
[15 to 44 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
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 RGPS-

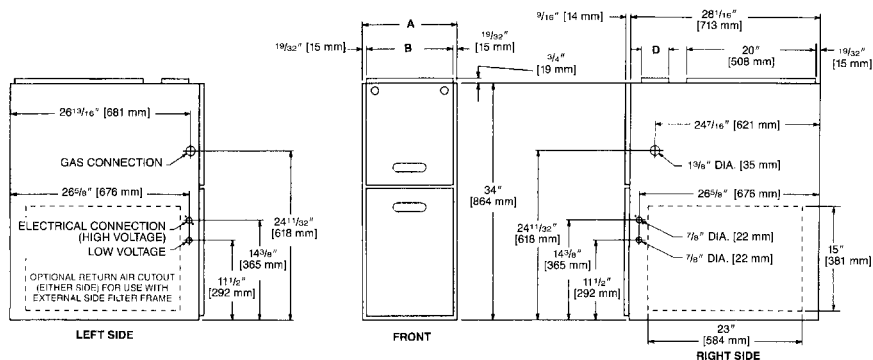
- Unique solid door design leads to quiet operation.
- Patented heat exchanger, constructed of both stainless and aluminized steel for the maximum in corrosion resistance.
- Low profile "34 inch" [864 mm] design is lighter and easier to handle, and leaves room for optional equipment.
- Convertible from upflow to horizontal left or right without field conversion.
- Left or right side gas and electric inlet connections allow quick and simple change.
- Direct spark ignition with remote sense, features a new integrated board with an electronic air cleaner hookup.
- A slow-open gas valve and a specially designed draft inducer motor make it one of the quietest furnaces on the market today.
- Grab-holes in doors to aid in easy door removal and replacement.
- Prepainted galvanized steel cabinet.

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

FIELD INSTALLED ACCESSORIES

- Internal Filter Rack for Bottom or Side Return (RXGF-DA*) ☐
Side Return Filter Rack (RXGF-CA) ☐
Bottom Return Filter Rack for Upflow Application (RXGF-CB) ☐
Twinning Kit (RXGP-F03)..... ☐
Fossil Fuel Kit (RXPF-F01 and F02) ☐
Return Air Cabinets (RXGR-C**B) ☐
Solid Bottom Kit (RXGB-D14, 17, 21, 24) ☐





TOP VIEW

Dimensions:

- Overall width: $5\frac{9}{16}$ " [16 mm]
- Overall height: $20\frac{1}{2}$ " [508 mm]
- Left side features:
 - Top hole: $29\frac{1}{16}$ " [713 mm] from top edge, $\frac{3}{4}$ " [19 mm] from left edge.
 - Bottom hole: $24\frac{1}{16}$ " [621 mm] from top edge, $\frac{3}{4}$ " [19 mm] from left edge.
- Right side features:
 - Top hole: $25\frac{5}{16}$ " [676 mm] from top edge, $34\frac{1}{2}$ " [864 mm] from left edge.
 - Bottom hole: $24\frac{1}{32}$ " [618 mm] from top edge, $34\frac{1}{2}$ " [864 mm] from left edge.
- Internal features:
 - Top hole: $1\frac{3}{16}$ " DIA. [35 mm]
 - Bottom hole: $7\frac{1}{16}$ " DIA. [22 mm]
 - Bottom hole: $7\frac{1}{16}$ " DIA. [22 mm]
 - Bottom hole: $11\frac{1}{2}$ " [292 mm] from left edge, $14\frac{3}{16}$ " [365 mm] from bottom edge.

FRONT

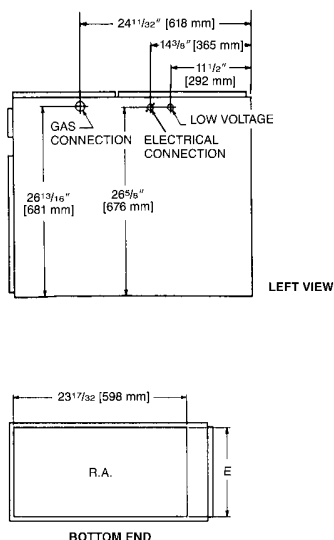
Dimensions:

- Overall width: $5\frac{9}{16}$ " [16 mm]
- Overall height: $20\frac{1}{2}$ " [508 mm]
- Left side features:
 - Top hole: $29\frac{1}{16}$ " [713 mm] from top edge, $\frac{3}{4}$ " [19 mm] from left edge.
 - Bottom hole: $24\frac{1}{16}$ " [621 mm] from top edge, $\frac{3}{4}$ " [19 mm] from left edge.
- Right side features:
 - Top hole: $25\frac{5}{16}$ " [676 mm] from top edge, $34\frac{1}{2}$ " [864 mm] from left edge.
 - Bottom hole: $24\frac{1}{32}$ " [618 mm] from top edge, $34\frac{1}{2}$ " [864 mm] from left edge.
- Internal features:
 - Top hole: $1\frac{3}{16}$ " DIA. [35 mm]
 - Bottom hole: $7\frac{1}{16}$ " DIA. [22 mm]
 - Bottom hole: $7\frac{1}{16}$ " DIA. [22 mm]
 - Bottom hole: $11\frac{1}{2}$ " [292 mm] from left edge, $14\frac{3}{16}$ " [365 mm] from bottom edge.

LEFT END

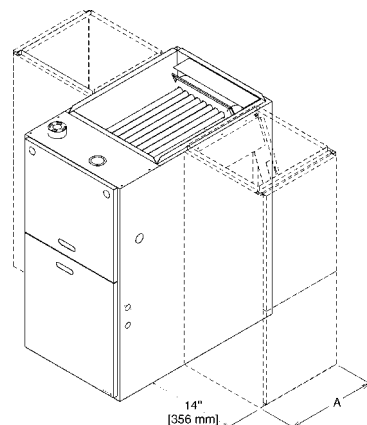
Dimensions:

- Overall width: $24\frac{1}{2}$ " [622 mm]
- Overall height: $25\frac{1}{16}$ " [645 mm]
- Left side features:
 - Top hole: $29\frac{1}{16}$ " [713 mm] from top edge, $\frac{3}{4}$ " [19 mm] from left edge.
 - Bottom hole: $24\frac{1}{16}$ " [621 mm] from top edge, $\frac{3}{4}$ " [19 mm] from left edge.
- Right side features:
 - Top hole: $25\frac{5}{16}$ " [676 mm] from top edge, $34\frac{1}{2}$ " [864 mm] from left edge.
 - Bottom hole: $24\frac{1}{32}$ " [618 mm] from top edge, $34\frac{1}{2}$ " [864 mm] from left edge.
- Internal features:
 - Top hole: $1\frac{3}{16}$ " DIA. [35 mm]
 - Bottom hole: $7\frac{1}{16}$ " DIA. [22 mm]
 - Bottom hole: $7\frac{1}{16}$ " DIA. [22 mm]
 - Bottom hole: $11\frac{1}{2}$ " [292 mm] from left edge, $14\frac{3}{16}$ " [365 mm] from bottom edge.



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

Return Air Cabinets may be installed on either side application except RXGR-C24B (side application must be on side opposite gas and electrical connections).



TONS	MODEL RGPS-	A	B	C	D	E	F	REDUCED CLEARANCE (IN.) [mm]					
								LEFT SIDE	RIGHT SIDE	BACK	TOP	FRONT	VENT
3	05	14 [356]	12 ^{27/32} [326]	10 ^{5/8} [270]	Ⓢ 11 1/2 [292]	1 ^{7/8} [48]	0	4 [102] Ⓢ	0	1 [25]	3 [76]	6 [152] Ⓢ	85 [38.6]
3 & 4	07	17 1/2 [445]	16 1/32 [415]	12 ^{3/8} [314]	Ⓢ 15 [381]	2 1/2 [64]	0	3 [76] Ⓢ	0	1 [25]	3 [76]	6 [152] Ⓢ	105 [47.6]
3	10 EB	17 1/2 [445]	16 1/32 [415]	12 ^{3/8} [314]	Ⓢ 15 [381]	2 1/2 [64]	0	3 [76] Ⓢ	0	1 [25]	3 [76]	6 [152] Ⓢ	115 [52.2]
4 1/2 & 5	10EC & 10ED	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]
5	12	24 1/2 [622]	23 1/32 [593]	15 7/8 [403]	Ⓢ 22 [559]	2 1/2 [64]	0	0	0	1 [25]	3 [76]	6 [152] Ⓢ	140 [63.5]
5	15	24 1/2 [622]	23 1/32 [593]	15 7/8 [403]	Ⓢ 22 [559]	2 1/2 [64]	0	0	0	1 [25]	3 [76]	6 [152] Ⓢ	150 [68]

③ May be 1" [25 mm] with type B vent.

Furnaces must be vented in accordance with National Fuel Gas Code, ANSI Z223.1 and/or Can/CGA-B149 Installation Codes, and in accordance with local codes.

**THE RXGR-C24B MUST ONLY BE INSTALLED
ON THE SIDE OPPOSITE THE GAS
& ELECTRICAL CONNECTIONS**

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]

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