SUBMITTAL SHEET FOR RGLS 80% A.F.U.E. DOWNFLOW 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

SUPPLY AIR BLOWER PERFORMANCE

TOTAL AIR SUPPLY CFM [L/s]
TOTAL RESISTANCE EXTERNAL TO UNIT IWG
BLOWER SPEEDRPM
POWER OUTPUT REQUIREMENT BHP
MOTOR RATING HP [W]
POWER INPUT REQUIREMENT kW

ELECTRICAL DATA

DOWED CLIDDLY

POWER SUPPLY	1 12
TOTAL UNIT AMPACITY	AMPS
MINIMUM WIRE SIZE	AWG
MAXIMUM OVERCURRENT DEVICE FUSES/HACR BREAKER	AMPS

FEATURES

- Innovative design results in reliable, efficient operation at sound levels which provide distinct competitive advantage.
- 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.
- Direct spark ignition.
- Left or right side gas and electric inlet connections.
- Integrated board with humidifier and electronic air cleaner hookups.
- Grab-holes in doors to aid in easy door removal and replacement.
- Pre-paint galvanized steel cabinet.

FIELD INSTALLED ACCESSORIES

Plenum Adapter (RXAA-)L	
Fossil Fuel Kit (RXPF-F01 and F02)	J
Twinning Kit (RXGP-F03)]
External Filter Rack (RXGF-CC*)	
Internal Filter Rack for Air Return Duct (RXGF)	









DOWNFLOW MODELS

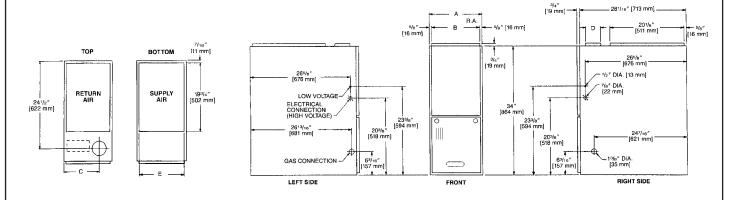


TABLE 1. DIMENSIONS AND CLEARANCE TO COMBUSTIBLE MATERIAL (INCHES) [mm]

	MODEL						REDUCED CLEARANCE (IN.) [mm]						
TONS	RGLS	A	В	C	D	E	LEFT SIDE	RIGHT SIDE	BACK	ТОР	FRONT	VENT	SHIP. WGTS. (LBS.) [Kg]
3	05	14 [356]	1227/32 [326]	103/8 [264]	1	13 ¹ / ₈ [333]	0	4 ②	0	1 [25]	3 [76]	6 [152] ③	85 [38.6]
3 & 4	07EA & 07EB	171/2 [445]	16 ¹¹ / ₃₂ [415]	121/8 [308]	1	16 ⁵ /8 [422]	0	3 ②	0	1 [25]	3 [76]	6 [152] ③	105 [47.6]
3	10EB	171/2 [445]	16 ¹¹ /32 [415]	12 ¹ /8 [308]	1	16 ⁵ /8 [422]	0	3 ②	0	1 [25]	3 [76]	6 [152]	115 [52.2]
5 & 51/2	10EC & 10ED	21 [533]	19 ²⁷ / ₃₂ [504]	13 ⁷ /8 [352]	1	201/8 [511]	0	0	0	1 [25]	3 [76]	6 [152] ③	120 [54.4]
5	12	241/2 [622]	2311/32 [593]	155/8 [397]	1	235/8 [600]	0	0	0	1 [25]	3 [76]	6 [152] 3	140 [63.5]
5	15	241/2 [622]	2311/32 [593]	15 ⁵ /8 [397]	1	235/8 [600]	0	0	0	1 [25]	3 [76]	6 [152] ③	150 [68]

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 ANSI Z21.47-1993 • CAN/CGA-2.3-M93 venting table guidelines included with each furnace, and in accordance with local codes.

[] Designates Metric Conversions

DOWNFLOW WARNING: Unit design is certified for installation on noncombustible floor. A special factory supplied combustible floor sub-base is required when installing on a combustible floor. Failure to install the sub-base may result in fire, property damage and personal injury.

COMBUSTIBLE FLOOR BASE DIMENSIONS

COMBUSTIBLE FLOOR BASE	USE WITH FURNACE SIZES	A IN. [mm]	B IN. [mm]	C IN. [mm]	
RXGC-B14	80LJ05	141/2 [368]	131/4 [337]	111/4 [286]	
RXGC-B17	80LJ07	18 [457]	163/4 [425]	143/4 [451]	
RXGC-B21	80LJ10	211/2 [546]	201/4 [514]	181/4 [464]	
RXGC-B24	80LJ12/80LJ15	25 [635]	233/4 [603]	213/4 [552]	

191/s"

[495 mm]

7/4s"

184 mm]

3 LB. [1.4 kg] DENSITY

FLOOR OPENING
211/s" [546 mm] x B

MAX. PLENUM OR

DUCTWORK

NOTE: FLOOR OPENING
211/s" [546 mm] x B

MAX. PLENUM SIZE
191/s" [858 mm] x C

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, Manufacturer reserves the right to make changes without notice."

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