

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:

TWO-STAGE DOWNFLOW GAS FURNACES:

RGLQ- Series 80% A.F.U.E.†

Input Rates 50 to 150 kBTU [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

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 IWG
BLOWER SPEEDRPM
POWER OUTPUT REQUIREMENT BHP
MOTOR RATINGHP [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

CLEARANCES

FRONT SIDE	3" [76.2 mm]
RIGHT SIDE	3" [76.2 mm]
LEFT SIDE	0" [0 mm]
TOP	1" [25.4 mm]

FEATURES FOR RGLQ-

- Patented heat exchanger, constructed of aluminized steel for the maximum in corrosion resistance and thermal fatigue reliability.
- Low profile "34 inch" [864 mm] design is lighter and easier to handle, and leaves room for optional equipment.
- Left or right side gas and electric inlet connections with quick, simple change.
- Direct spark ignition.
- Integrated control 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.
- 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.)

†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)	
Filter Rack (RXGF-CCM)	
Combustible Floor Base (RXGC-B14, 17, 21, 24)	

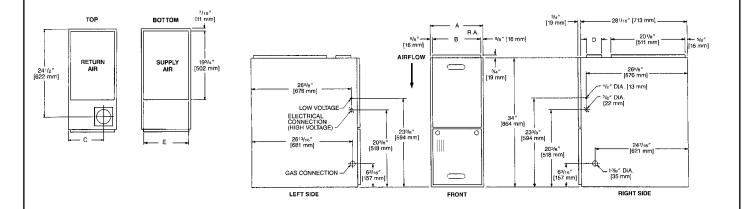








DOWNFLOW MODELS



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

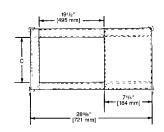
MODEL						REDUCED CLEARANCES (IN.) [mm]						
RGLQ-	A	В	С	D	E	LEFT SIDE	RIGHT SIDE	BACK	ТОР	FRONT	VENT	SHIP. WGTS. (LBS.) [kg]
05	14 [356]	1227/32 [326]	103/8 [264]	1	131/8 [333]	0	4 [102] ②	0	1 [25]	3 [76]	6 [152] ③	85 [38.6]
07	171/2 [445]	1611/32 [415]	121/8 [308]	1	165/8 [422]	0	3 [76] ②	0	1 [25]	3 [76]	6 [152] ③	105 [47.6]
10 (A)	17 ¹ / ₂ [445]	16 ¹¹ /32 [415]	12 ¹ /8 [308]	1	16 ⁵ /8 [422]	0	3 [76] ②	0	1 [25]	3 [76]	6 [152] ③	115 [52.2]
10 (B)	21 [533]	1927/32 [504]	137/8 [352]	1	201/8 [511]	0	0	0	1 [25]	3 [76]	6 [152] ③	120 [54.4]
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]
15	241/2 [622]	2311/32 [593]	155/8 [397]	1	235/8 [600]	0	0	0	1 [25]	3 [76]	6 [152] ③	150 [68]

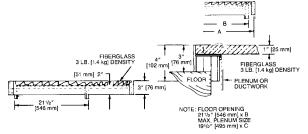
NOTES: \odot May require a 3" [76 mm] to 4" [102 mm] or 3" [76 mm] to 5" [127 mm] adapter.

- 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.

DOWNFLOW WARNING: Unit design is certified for installation on non-combustible 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	(-)GLQ-05	141/2 [368]	131/4 [337]	111/4 [286]
RXGC-B17	(-)GLQ-07, (-)GLQ-10A	18 [457]	163/4 [425]	143/4 [451]
RXGC-B21	(-)GLQ-10B	211/2 [546]	201/4 [514]	18 ¹ / ₄ [464]
RXGC-B24	(-)GLQ-12, (-)GLQ-15	25 [635]	233/4 [603]	213/4 [552]

[] 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

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