



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 RGLQ- 80% A.F.U.E.† TWO-STAGE DOWNFLOW 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

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 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.
- 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.)

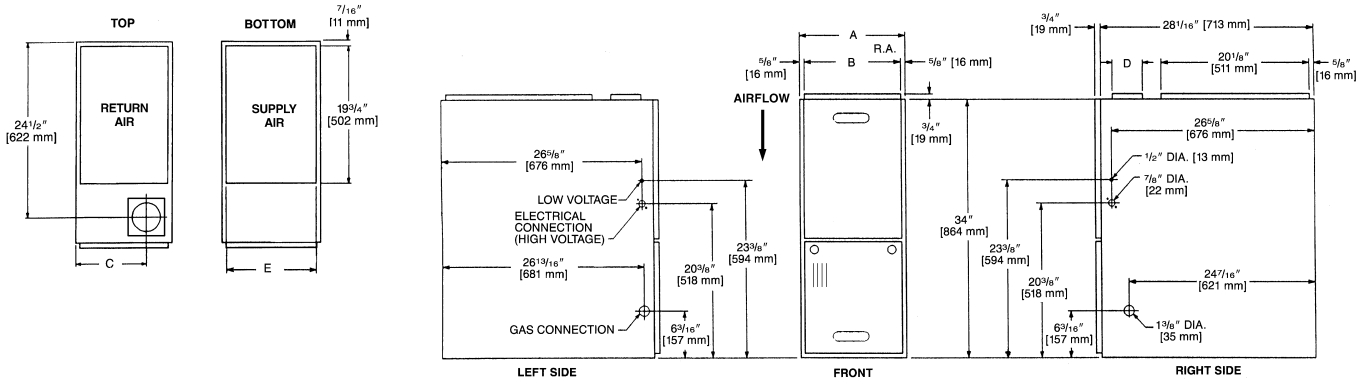
†A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

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 RGLQ-	A	B	C	D	E	REDUCED CLEARANCES (IN.) [mm]						SHIP. WGTs. (LBS.) [kg]
						LEFT SIDE	RIGHT SIDE	BACK	TOP	FRONT	VENT	
05	14 [356]	12 ^{27/32} [326]	10 ^{3/8} [264]	①	13 ^{1/8} [333]	0	4 [102] ②	0	1 [25]	3 [76]	6 [152] ③	85 [38.6]
07	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	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]	19 ^{27/32} [504]	13 ^{7/8} [352]	①	20 ^{1/8} [511]	0	0	0	1 [25]	3 [76]	6 [152] ③	120 [54.4]
12	24 ^{1/2} [622]	23 ^{11/32} [593]	15 ^{5/8} [397]	①	23 ^{5/8} [600]	0	0	0	1 [25]	3 [76]	6 [152] ③	140 [63.5]
15	24 ^{1/2} [622]	23 ^{11/32} [593]	15 ^{5/8} [397]	①	23 ^{5/8} [600]	0	0	0	1 [25]	3 [76]	6 [152] ③	150 [68]

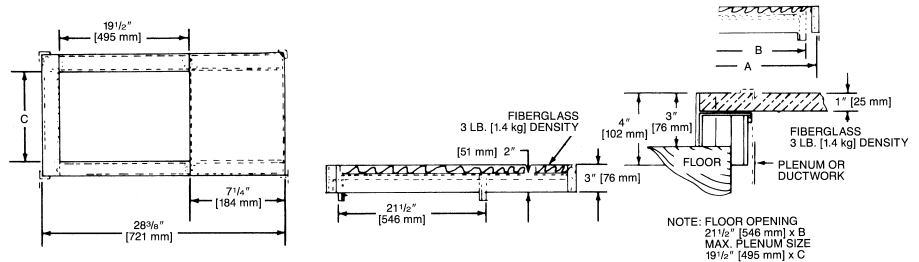
NOTES: ① May require a 3" [76 mm] to 4" [102 mm] or 3" [76 mm] to 5" [127 mm] adapter.

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 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 combustibile floor sub-base is required when installing on a combustibile 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	14 ^{1/2} [368]	13 ^{1/4} [337]	11 ^{1/4} [286]
RXGC-B17	(-)GLQ-07, (-)GLQ-10A	18 [457]	16 ^{3/4} [425]	14 ^{3/4} [451]
RXGC-B21	(-)GLQ-10B	21 ^{1/2} [546]	20 ^{1/4} [514]	18 ^{1/4} [464]
RXGC-B24	(-)GLQ-12, (-)GLQ-15	25 [635]	23 ^{3/4} [603]	21 ^{3/4} [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.

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