

SUBMITTAL COVER SHEET

PROJECT NAME LOCATION ARCHITECT ENGINEER	
CONTRACTOR	
SUBMITTED BY	DATE
UNI	T 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:

DOWNFLOW GAS FURNACES:

RGLN- Series 80% A.F.U.E.†

Input Rates 50 to 150 kBTU [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 SPEEDRPM
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 RGLN-

- Innovative design results in reliable, efficient operation at sound levels which provide distinct competitive advantage.
- Patented heat exchanger, constructed of aluminized steel for the maximum in corrosion resistance and thermal fatigue reliability.
- Low profile "34 inch" 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.
- An integrated board with humidifier and electronic air cleaner hookups.
- Insulated blower compartment, a slow-open gas valve and a specially designed draft inducer motor make it one of the quietest furnaces on the market today.
- Pre-painted galvanized steel cabinet.
- Molded permanent filter.
- Grab-holes in doors to aid in easy door removal and replacement.

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

FIELD INSTALLED ACCESSORIES

Plenum Adapter (RXAA-)	
Fossil Fuel Kit (RXPF-F01 and F02)	
Filter Rack (RXGF-CC*)	
*Filters available through PROSTOCK®	
Combustible Floor Base (RXGC-B14, 17, 21, 24)	
High Altitude Kit (RXGY-F13 for two-stage models)	









DOWNFLOW MODELS

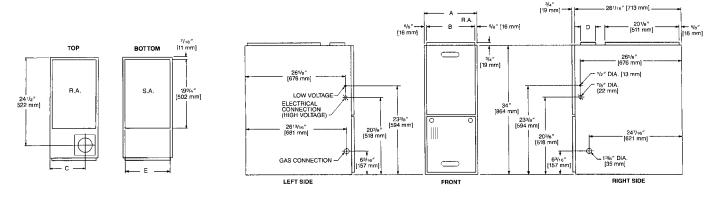


TABLE 1. DIMENSIONS AND CLEARANCE TO COMBUSTIBLE MATERIAL RGLN- MODELS (INCHES) [mm]

MODEL						REDUCED CLEARANCES (IN.) [mm]						
RGLN- SERIES	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]	16 ¹¹ /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)	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	115 [52.2]
10 (B)	21 [533]	19 ²⁷ / 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: 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.

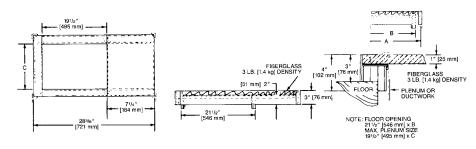
Furnaces must be vented in accordance with ANSI Z21.47-1993 • CAN/CGA-2.3-M93 venting table guidelines included with each furnace, and in accordance with local codes.

[] Designates Metric Conversions

DOWNFLOW WARNING: Unit design is certified for installation on 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

001112001122212001121102221111211010110											
COMBUSTIBLE FLOOR BASE	USE WITH Furnace Sizes	A IN. [mm]	B IN. [mm]	C IN. [mm]							
RXGC-B14	(-)GLN- 05	141/2 [368]	131/4 [337]	111/4 [286]							
RXGC-B17	(-)GLN-07, (-)GLN-10(-)A	18 [457]	163/4 [425]	143/4 [451]							
RXGC-B21	(-)GLN-10(-)B	211/2 [546]	201/4 [514]	18 ¹ / ₄ [464]							
RXGC-B24	(-)GLN-12. (-)GLN-15	25 [635]	233/4 [603]	213/4 [552]							



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."

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