

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:								

SUBMITTAL SHEET FOR RGLR- 80% A.F.U.E.[†] TWO-STAGE DOWNFLOW GAS FURNACES

ECM Equipped Models with Input Rates from 75,000 to 125,000 BTU/HR [22 to 37 kW]

JOB NAME			MODEL NO.
CONTRACTOR			OUTDOOR UNIT MODEL NO
ENGINEER			LOCATION
SUBMITTED FOR	☐ APPROVAL	☐ RECORD	ORDER NO
DATE			

UNIT DATA

SUPPLY AIR BLOWER PERFORMANCE

EFFICIENCY

(*uses blower motor heat)

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 RGLR-

- 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.
- Energy efficient and quiet ECM 2+ motor.
- Improves cooling efficiency when matched with rated condensing unit and coil.
- Constant CFM.
- Dip switch settings for selectable cooling airflow.
- On-demand dehumidification terminal for improved comfort in cooling mode.
- Left or right side gas and electric inlet connections.
- All models feature an integrated board with humidifier and electronic air cleaner hookups.
- Insulated blower compartment, a slow-open gas valve, specially designed draft inducer motor and blower motor make it one of the quietest furnaces on the market today.
- Pre-paint galvanized steel cabinet.
- Easy door removal and replacement.
- Molded permanent filter.
- 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

FIELD INSTALLED ACCESSORIES

Fossil Fuel Kit (RXPF-F01 and F02)
Filter Rack (RXGF-CCM)
Combustible Floor Base (RXGC-B17, 21, 24)

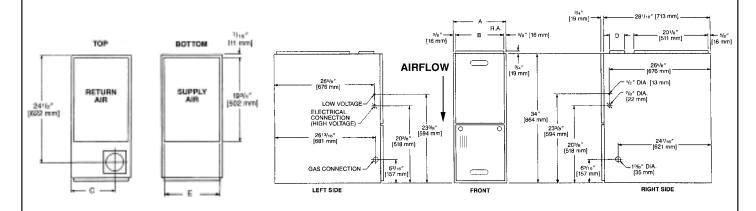








DOWNFLOW MODELS



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

MODEL						REDUCED CLEARANCES (IN.) [mm]						
RGLR- SERIES	Α	В	С	D	E	LEFT SIDE	RIGHT SIDE	BACK	ТОР	FRONT	VENT	SHIP. WGTS. (LBS.) [kg]
07A	171/2 [445]	1611/32 [415]	121/8 [308]	1	165/8 [422]	0	3 ②	0	1 [25]	3 [76]	6 [152] ③	110 [49.9]
07B	21 [533]	1927/32 [504]	137/8 [352]	1	201/8 [511]	0	0	0	1 [25]	3 [76]	6 [152] ③	115 [52.2]
10	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]

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.

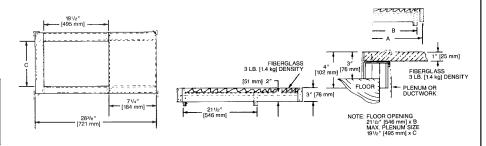
Furnaces must be vented in accordance with the National Fuel Gas Code, ANSI Z223.1 and/or Can/CGA-B149 Installation Codes and in accordance with local codes.

[] 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

COMBUSTIBLE FLOOR BASE	USE WITH Furnace Sizes	A IN. [mm]	B IN. [mm]	C IN. [mm]
RXGC-B17	(-)GLR-07*AMKR	18 [457]	163/4 [425]	143/4 [451]
RXGC-B21	(-)GLR-07*BRQR (-)GLR-10*BRMR	211/2 [546]	201/4 [514]	18 ¹ / ₄ [464]
RXGC-B24	(-)GLR-12*ARMR	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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