



# 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 SUPER QUIET 80™ TWO STAGE COMMUNICATING DOWNFLOW GAS FURNACES EQUIPPED WITH THE COMFORT CONTROL<sup>2</sup> SYSTEM

## 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

#### 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 RGL-

- The *Comfort Control<sup>2</sup> System™* provides over 28 on-board diagnostics and fault history codes by detecting system and electrical problems. "Call for Service" alert notification is sent to the thermostat to alert the homeowner of required service.
- Serial Communication Enhanced – When installed with a Serial Communicating Condensing Unit and user interface control ((-)HC-TST550CMMS) 500 Series thermostat this unit offers 4 or 2 wire installation, auto-configuration, and diagnostic messaging with full communicating capability.
- 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+ communicating motor.
- Improves cooling efficiency when matched with rated condensing unit and coil.
- Constant CFM.
- Seven segment LED for system diagnostics.
- Diagnostic history for troubleshooting.
- 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 variety of cooling coils and plenums designed to use with *Super Quiet 80™* Two Stage Downflow gas furnaces are available as optional accessories.

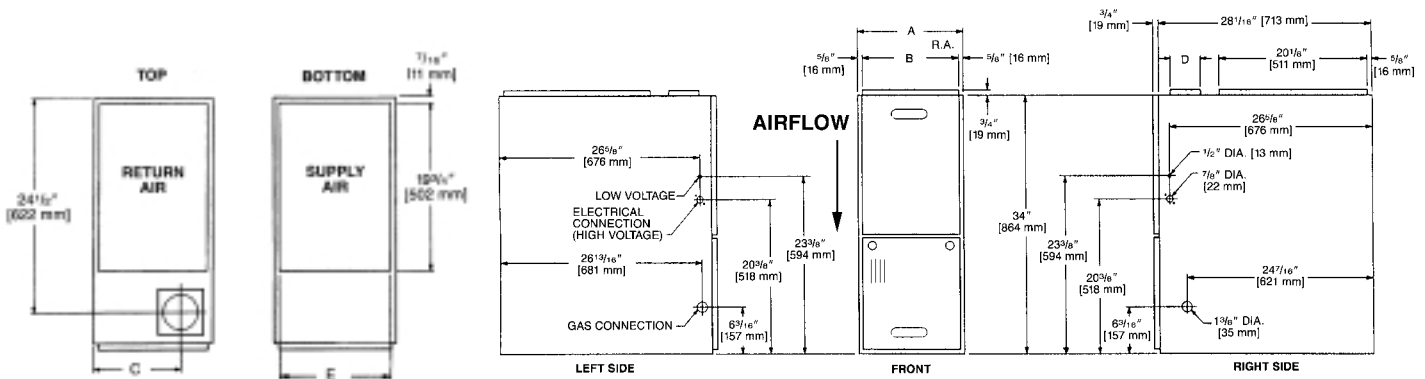
†A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

### FIELD INSTALLED ACCESSORIES

Fossil Fuel Kit (RXPF-F01 and F02) .....   
 Filter Rack (RXGF-CCM) .....   
 Combustible Floor Base (RXGC-B17, 21, 24) .....   
 Supply Air Sensor .....   
 Chimney Adapter: RXGW-B01 .....   
 Thermostats .....



## DOWNFLOW MODELS



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

MODEL RGLE- SERIES	A	B	C	D	E	REDUCED CLEARANCES (IN.) [mm]						
						LEFT SIDE	RIGHT SIDE	BACK	TOP	FRONT	VENT	SHIP. WGT'S. (LBS.) [kg]
07A	17 1/2 [445]	16 11/32 [415]	12 1/8 [308]	①	16 5/8 [422]	0	3 ②	0	1 [25]	3 [76]	6 [152] ③	110 [49.9]
07B	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	115 [52.2]
10	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]

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.

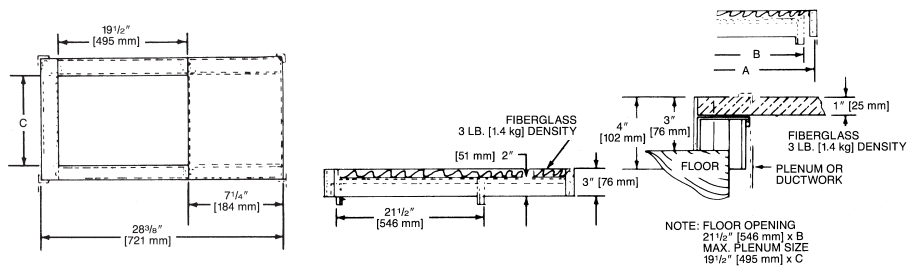
**Furnaces must be vented in accordance with the National Fuel Gas Code, ANSI Z223.1 and/or Can/CGA-B149 Installation Codes and in accordance with local codes.**

[ ] 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]	16 3/4 [425]	14 3/4 [451]
RXGC-B21	(-)GLR-07*BRQR (-)GLR-10*BRMR	21 1/2 [546]	20 1/4 [514]	18 1/4 [464]
RXGC-B24	(-)GLR-12*ARMR	25 [635]	23 3/4 [603]	21 3/4 [552]



NOTE: FLOOR OPENING  
21 1/2" [546 mm] x B  
MAX. PLENUM SIZE  
19 1/2" [495 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, Rheem reserves the right to make changes without notice."*