RUUD

Rely on Ruud.™

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:

RGRA- AND RGRB- UPFLOW GAS FURNACES UP TO 93.5% A.F.U.E.† Models with Input Rates from 45 to 120 kBTU [13.19 to 35.17 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

FEATURES FOR RGRA- AND RGRB-

- Low profile “34 inch” design is lighter and easier to handle and leaves room for optional accessories.
- Left or right side gas, electric, and condensate drainage connections on upflow models.
- Integrated control board manages all operational functions and provides hookups for an electronic air cleaner.
- A slow-opening gas valve and a specially designed inducer system make it one of the quietest furnaces on the market today.
- Pre-paint galvanized steel cabinet.
- Optional indoor or outdoor combustion air. In addition, combustion air may be piped to either the top or right side of the cabinet on all upflow models. A special molded fitting is provided to ease installation.
- Control board diagnostics.
- Heat exchanger is constructed of aluminized steel for maximum corrosion resistance and thermal fatigue reliability.
- An insulated blower compartment.
- Molded permanent filters.
- Transformer and control fuse protection.
- Solid bottom is standard.

FIELD INSTALLED ACCESSORIES

Plenum Adapter (RXAA-) ..... ☐

Vent Termination Kits Concentric:

Vertical/Horizontal: RXGY-E03 ..... ☐

Horizontal Two Pipe: RXGY-D02/-003/-004 ..... ☐

Condensate Pump Kit: RXGY-B01 ..... ☐

Neutralizer Kit: RXGY-A01 ..... ☐

Fossil Fuel Kit: RXPF-F01 and F02..... ☐

Return Air Plenum (RXGR-C17B, 21B, 24B) ..... ☐

Combustible Floor Base: RXGC-B17, B21 and B24 ..... ☐

External Bottom Filter Rack: RXGF-CB ..... ☐

External Side Filter Rack: RXGF-CA ..... ☐

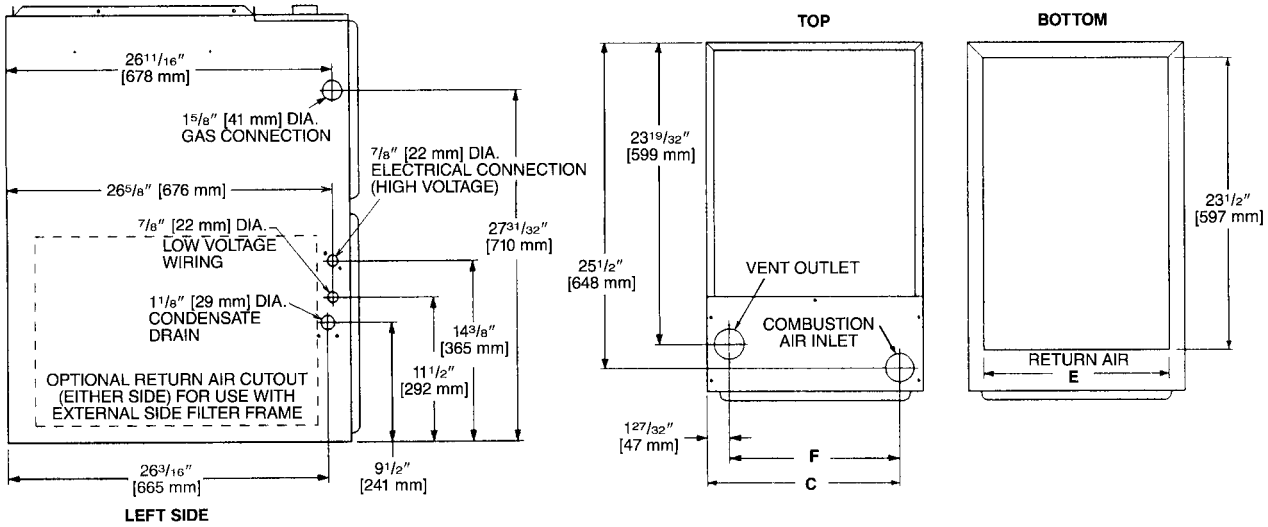
High Altitude Kit: (RXGY-F04, 05, 06, 07)..... ☐

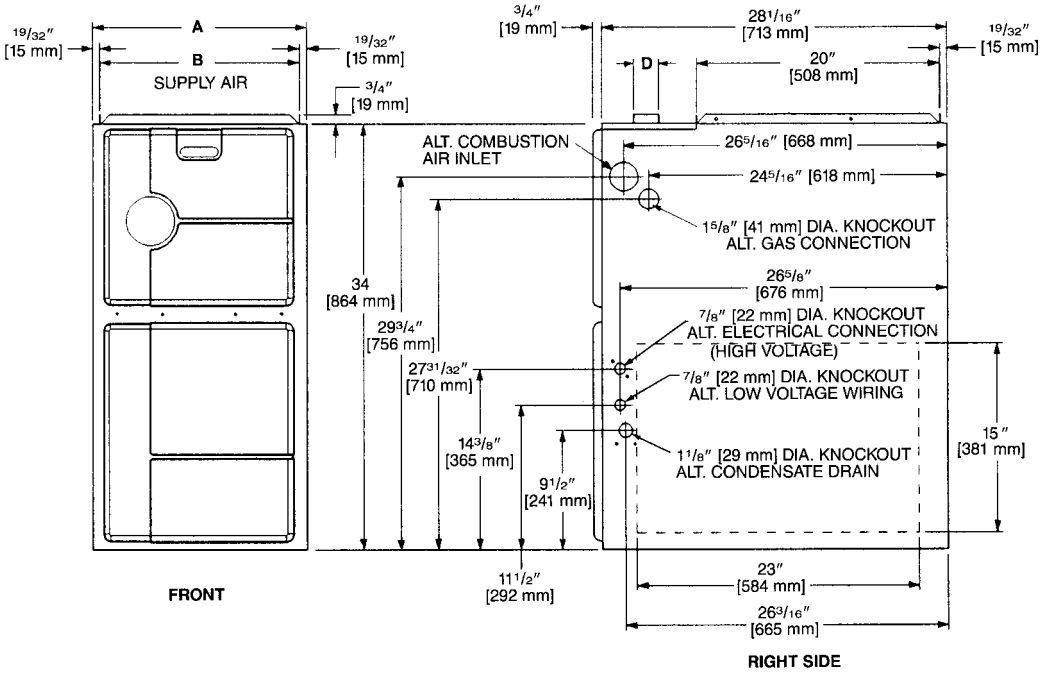
†A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

ISO 9001:2008

Certificate Number: 30164

UPFLOW MODELS





MODEL RGRA-/ RGRB-	A	B	C	D	E	F	LEFT SIDE	MINIMUM CLEARANCE (IN.) [mm]					SHIP WGTS. [kg]
								RIGHT SIDE	BACK	TOP	FRONT	VENT	
04EM	17 1/2 [445]	16 11/32 [415]	15 5/8 [397]	2 [51]	15 [422]	13 25/32 [352]	0	0	0	1 [25]	2 [51]	0	111 [50]
06EM	17 1/2 [445]	16 11/32 [415]	15 5/8 [397]	2 [51]	15 [422]	13 25/32 [352]	0	0	0	1 [25]	2 [51]	0	117 [53]
07EM	17 1/2 [445]	16 11/32 [415]	15 5/8 [397]	2 [51]	15 [422]	13 25/32 [352]	0	0	0	1 [25]	2 [51]	0	124 [56]
07EY	21 [533]	19 27/32 [504]	19 1/8 [487]	2 [51]	18 1/2 [511]	17 9/32 [441]	0	0	0	1 [25]	2 [51]	0	137 [62]
09EZ	21 [533]	19 27/32 [504]	19 1/8 [487]	2 [51]	18 1/2 [511]	17 9/32 [441]	0	0	0	1 [25]	2 [51]	0	148 [67]
10EZ	21 [533]	19 27/32 [504]	19 1/8 [487]	2 [51]	18 1/2 [511]	17 9/32 [441]	0	0	0	1 [25]	2 [51]	0	152 [69]
12ER	24 1/2 [622]	23 11/32 [593]	22 5/8 [575]	2 [51]	22 [600]	20 25/32 [530]	0	0	0	1 [25]	2 [51]	0	160 [73]

[ ] 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."

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