The new degree of comfort.™

# Rheem *Classic*® *Series* Highboy/Horizontal Low Profile Oil Furnaces with ECM/Variable Speed Motors

## ROCB- Series

Input Ratio from
70 to 105 kBTU
[20.51 to 30.8 kW]

- Available with Front and Rear Flue (ROCB07204M) or with Front Flue Only (ROCB07204P)
- Highboy, Horizontal, Left or Right Discharge
- Low Profile 44-1/2"
- Efficiencies up to 86.5%
- 3 Firing rates
- 2-4 Tons A/C
- 2 Large Accessible Clean Out Posts
- 3 Pass Heat Exchanger
- Can be installed with Beckett AFG, Riello or Carlin E2, F3 and BF3 burners
- Quick Disconnects on Burner Harness
- Control Board works with PSC and ECM
- Limited Lifetime Warranty
- This unit can be direct vented with the Riello BF3 Burner. Direct vent kits available

FEATURING Hybrid Synergy TECHNOLOGY

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## STANDARD EQUIPMENT

The Rheem *Classic*® Furnace is fully assembled and offers the option of 4 separate burner in a box combinations. The newly designed heat exchanger is a 3-pass European design for optimal efficiency. The unit is offered with a 3-speed direct drive motor or an ECM motor. The Rheem *Classic*® offers the NRGmax 9103 operating board which is utilized on either the PSC or ECM furnace. For servicing, the Rheem *Classic*® has 2 - 6" x 8" clean out ports to access the flue passages in the heat exchanger. The unit is shipped with the RC barometric control and an external filter rack.

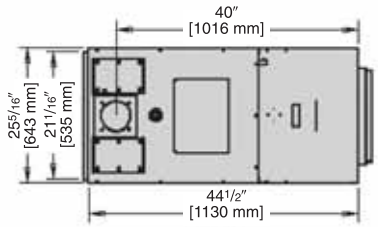
**WARNING**

THIS FURNACE IS NOT APPROVED
OR RECOMMENDED
FOR USE IN MOBILE HOMES

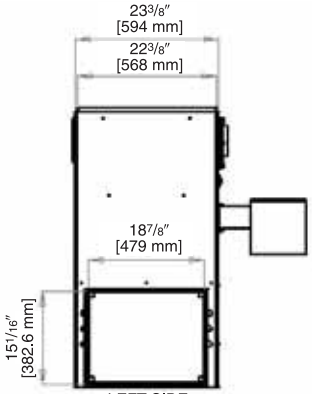
# Specifications and Dimensions ECM Motor

| FURNACE TYPE | HIGHBOY - HORIZONTAL | | |
|---|---|---|---|
| MODEL | ROCB-072E04*F / ROCB-072E04*M | | |
| **DIMENSIONS** | | | |
| CABINET HEIGHT | 44-1/2" | | |
| CABINET WIDTH | 22-1/16" | | |
| CABINET DEPTH | 23-3/8" | | |
| CENTERLINE FLUE TO FLOOR | 40" | | |
| CENTERLINE FLUE TO SIDE | 11-13/16" | | |
| WARM AIR SUPPLY DEPTH | 22-3/8" | | |
| WARM AIR SUPPLY WIDTH | 21-1/16" | | |
| RETURN AIR SUPPLY WIDTH | 15-1/16" | | |
| RETURN AIR SUPPLY DEPTH | 18-7/8" | | |
| **SPECIFICATIONS** | | | |
| FLUE SIZE | 5" | | |
| FILTER SIZE | 16 X 20 | | |
| BLOWER SIZE | 100-10T | | |
| SHIPPING WEIGHT | 200 | | |
| B.T.U.H. INPUT | 70,000 | 84,000 | 105,000 |
| B.T.U.H. OUTPUT | 60,000 | 72,000 | 89,000 |
| FIRING GPH | .50 | .60 | .75 |
| AFUE SEASONAL EFFICIENCY | 86.5% | 86.2% | 85.1% |
| BLOWER MOTOR DRIVE | ECM/DD | ECM/DD | ECM/DD |
| HEATING EXT STATIC PRESSURE | .2 | | |
| MAX. EXT. STATIC PRESSURE | .5 | | |
| TEMPERATURE RISE | 60 ° | | |
| BLOWER MOTOR FULL AMPS | 9.2 | | |
| TOTAL CURRENT | 12.2 | | |
| MINIMUM CIRCUIT AMPACITY | 14.5 | | |

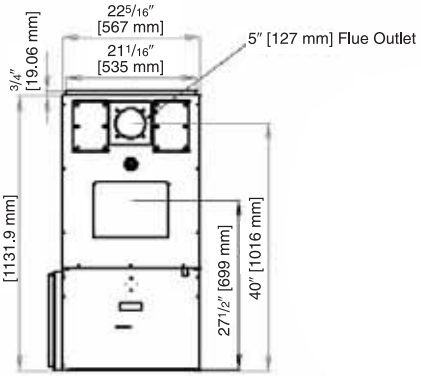
**[ ] Designates Metric Conversions**



HORIZONTAL



LEFT SIDE



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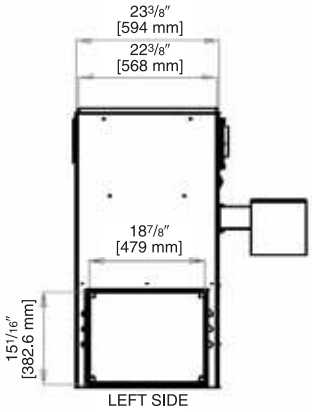

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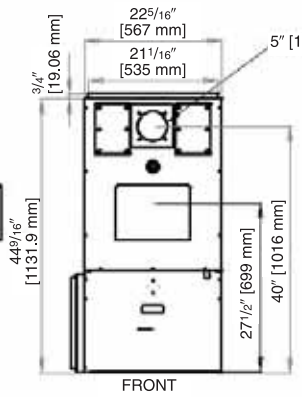

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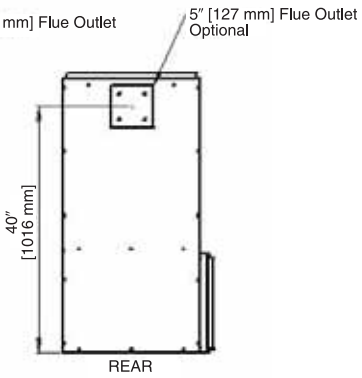

REAR

# Model Number Identification—Highboy and Lowboy Models

| R | O | C | B | 072 | E | 04 | B | F |
|---|---|---|---|---|---|---|---|---|
| Rheem | Oil Furnace | Highboy/ Horizontal | Design Series | Heating Input Designation (Output BTU/HR)<br>060 = 60,000 [17.6 kW]<br>072 = 72,000 [21.1 kW]<br>089 = 89,000 [26.0 kW] | Motor Type<br>**E** = ECM Motor | Heating and Cooling Designation<br>04 = Up to 4 tons cooling CFM for 072 models | Burner Type<br>**B** = Beckett<br>**C** = Carlin<br>**R** = Riello<br>**BF3** = RielloDV | Variations<br>**F** = Front Flue<br>**R** = Rear Flue<br>**M** = Multi Flue |

**[ ] Designates Metric Conversions**

# Blower Performance Data

| MODEL<br>ROCB-0720E04*F<br>ROCB-0720E04*M | HIGHBOY<br>HORIZONTAL | | |
|---|---|---|---|
| Horsepower Speed | ¾ HP | ¾ HP | ¾ HP |
| Heating CFM | 850 | 1100 | 1325 |
| Cooling CFM 1-1/2 Tons | 600 | 600 | 600 |
| Cooling CFM 2 Tons | 800 | 800 | 800 |
| Cooling CFM 2-1/2 Tons | 1000 | 1000 | 1000 |
| Cooling CFM 3 Tons | 1200 | 1200 | 1200 |
| Cooling CFM 3-1/2 Tons | 1400 | 1400 | 1400 |
| Cooling CFM 4 Tons | 1600 | 1600 | 1600 |

## GENERAL TERMS OF LIMITED WARRANTY*

The Manufacturer will furnish a replacement for any part of this product which fails in normal use and service within the applicable period stated here, in accordance with the terms of the limited warranty.

***For complete details of the Limited and Conditional Warranties, including applicable terms and conditions, contact your local contractor or the Manufacturer for a copy of the product warranty certificate.**

Oil Heat Exchanger.....Limited Lifetime
Any Other Part.....Five (5) Years

The new degree of comfort.™

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

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INTEGRATED HOME COMFORT

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