



***Achiever*® Series Highboy/Horizontal/Lowboy Low Profile Oil Furnaces**



ROCB/ROLB

Efficiencies up to: 86.5%

Motor Type: PSC Direct Drive

Input Rates: ROCB: 70 to 154 kBTU [20.51 to 45.1 kW]

ROLB: 70 to 154 kBTU [20.51 to 45.1 kW]

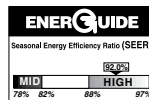


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Features and Benefits

- Available with Front and Rear Flue
- Lowboy, Highboy, Horizontal, Left or Right Discharge
- Low Profile Lowboy 31-15/16" and 33-1/4"
- Low Profile Highboy 44-1/2" and 50-5/8"
- Efficiencies up to 86.5%
- 3 Firing rates
- Lowboy 2-5 Tons
- Highboy 2-5 Tons A/C
- 2 Large Accessible Clean Out Posts
- 3 Pass Heat Exchanger
- Can be installed with Beckett AFG, Carlin EZ or Riello F3, F5, BF3 and BF5 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 or the BF5 Burner. Direct vent kits available

Oil Furnaces

<u>R</u>	<u>O</u>	<u>L</u>	<u>B</u>	<u>072</u>	<u>P</u>	<u>04</u>	<u>B</u>	<u>F</u>
Brand	Product Category		Series	Heating Input Designation (Output BTU/HR)	Motor Type	Heating and Cooling Designation	Burner Type	Variations
R - Ruud	O - Oil Furnace	L - Lowboy	B - Design Series	102-102,000 [29.8 kW] 118-118,000 [34.6 kW] 130-130,000 [38.1 kW]	P - PSC Motor	04 - Up to 4 tons cooling CFM for 072 models 05 - Up to 5 tons cooling CFM for 118 models	B - Beckett C - Carlin R - Riello BF3 - Riello DV072 Carlin EZ DV	M - Multi Flue

<u>R</u>	<u>O</u>	<u>C</u>	<u>B</u>	<u>072 and 118</u>	<u>P</u>	<u>04 or 05</u>	<u>B</u>	<u>F</u>
Brand	Product Category		Series	Heating Input Designation (Output BTU/HR)	Motor Type	Heating and Cooling Designation	Burner Type	Variations
R - Ruud	O - Oil Furnace	C - Highboy/Horizontal	B - Design Series	060 - 60,000 [17.6 kW] 072 - 72,000 [21.1 kW] 089 - 89,000 [26.0 kW] 102 - 102,000 [29.8 kW] 118 - 118,000 [34.6 kW] 130 - 130,000 [38.1 kW]	P - PSC Motor	04 - Up to 4 tons cooling CFM for 072 models 05 - Up to 5 tons cooling CFM for 118 models	B - Beckett C - Carlin R - Riello BF3 - Riello DV072 BF5 - Riello DV118 Carlin EZ DV	M - Multi Flue

[] Designates Metric Conversions

Standard Equipment

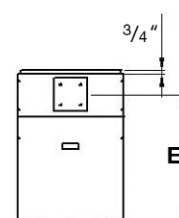
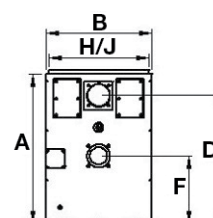
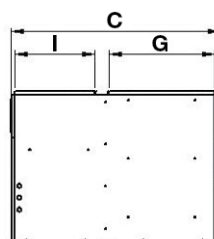
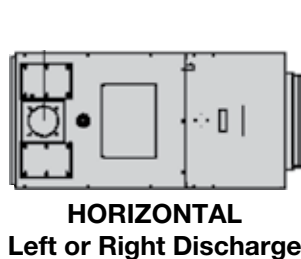
The Ruud *Achiever*® Furnace is fully assembled and offers the option of 4 separate burner in a box combinations. The newly designed heat exchanger is a 3-pass European design for optimal efficiency. The unit is offered with a 3-speed direct drive motor or an ECM motor. The ROCB 118 will have a 4 speed DD motor. The Ruud *Achiever*® offers the NRGmax 9103 operating board which is utilized on either the PSC or ECM furnace. For servicing, the Ruud *Achiever*® 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

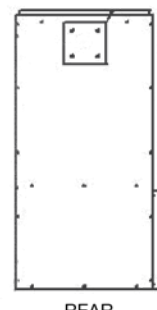
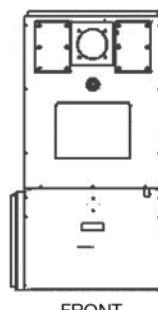
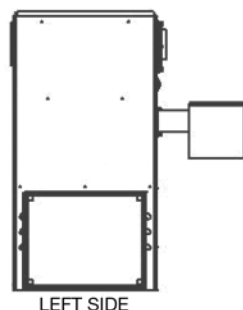
Specifications and Dimensions PSC Motor

MODEL	ROCB-072P04M	ROLB-072V04		ROCB-118P05M		ROLB-118P05M
DIMENSIONS						
Cabinet Height	44-1/2"	31-5/16"		50-5/8"		33-1/4"
Cabinet Width	22-1/16"	22-5/16"		22-5/16"		48-1/4"
Cabinet Depth	23-3/8"	43-1/8"		28-5/16"		22-5/16"
Centerline Flue to Floor (Front)	40"	26-13/16"		46-7/8"		46-7/8"
Centerline Flue to Floor (Rear)	40"	26-13/16"		45"		45"
Centerline Flue to Side	11-13/16"	11-13/16"		11-13/16"		11-13/16"
Warm Air Supply Depth	22-3/8"	22-3/8"		27-3/8"		27-3/8"
Warm Air Supply Width	21-1/16"	21-1/16"		21-1/16"		21-1/16"
Return Air Supply Width	18-7/8"	21-1/16"		15"		21-1/16"
Return Air Supply Depth	18-7/8"	17"		23-5/8"		17"
SPECIFICATIONS						
Flue Size	5"	5"		5"		5"
Filter Size	16" X 20"	20" x 20"		16" X 25"		20 X 20
Blower Size	100-10T	100-10T		110-9R		110-9R
Shipping Weight	215	245		255		265
B.T.U.H. Input	70,000	84,000	105,000	119,000	140,000	154,000
B.T.U.H. Output	60,000	72,000	89,000	102,000	118,000	130,000
Firing Rate GPH	.50	.60	.75	.85	1.00	1.10
AFUE	86.5%	86.2%	85.1%	85.9%	85.6%	84.6%
Blower Motor Drive	ECM/DD	ECM/DD	ECM/DD	ECM/DD	ECM/DD	ECM/DD
Heating Ext. Static Pressure	.2			.2		
Max. Ext. Static Pressure	.5			.5		
Temperature Rise	60 Degree			60 Degree		
Blower Motor Full Amps	9.2			11		
Total Current	12.2			14		
Minimum Circuit Ampacity	14.5			16.7		

[] Designates Metric Conversions



LOWBOY



HIGHBOY

Blower Performance Data

Model	ROCB-072P04M		ROLB-072P04M				ROCB-0118P05M			ROLB-118P05M		
Static Press. In. W.C.2 1 Ton = 400 CFM	0.2	0.5	0.7	0.2	0.5	0.7	0.2	0.5	0.7	0.2	0.5	0.7
CFM Low Speed	1193	1125	1053	1242	1196	1076	1235	1220	1210	1289	1273	1247
CFM Medium Low Speed							1390	1360	1344	1470	1449	1413
CFM Medium High Speed	1425	1256	1118	1563	1402	1190	1761	1680	1614	1878	1794	1701
CFM High Speed	1616	1470	1309	1703	1475	1259	2103	1970	1825	2217	2027	1879



GENERAL TERMS OF LIMITED WARRANTY*

Ruud will furnish a replacement for any part of this product which fails in normal use and service within the applicable period stated, 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

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, Ruud reserves the right to make changes without notice.

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