

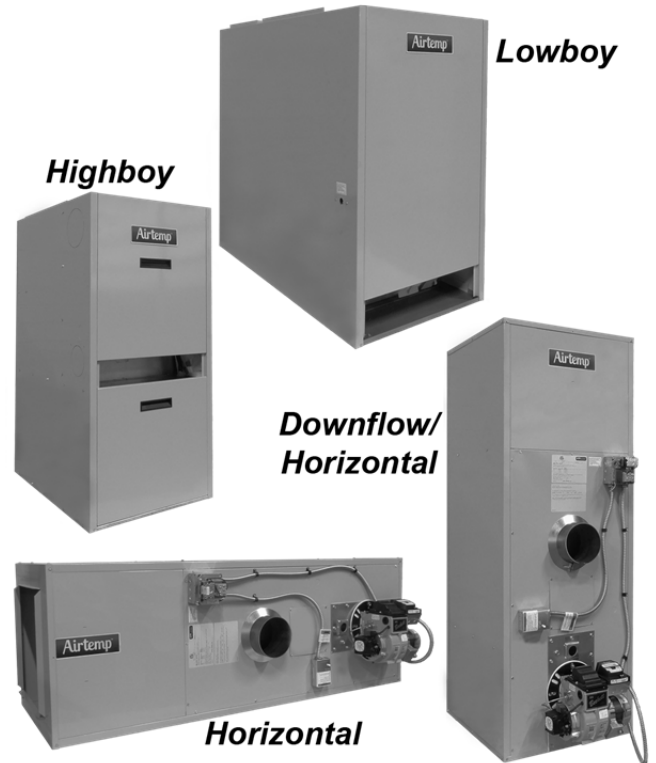
## OIL FURNACES

### Lowboy Highboy Downflow/Horizontal

The Airtemp oil furnace comes in four configurations, Highboy, Lowboy, and Downflow and Horizontal. The Downflow model can be configured for horizontal applications. All units feature multiple firing rates that provide a wide range of outputs from 60,000 to 142,000 BTUH depending on model. Proven design, versatility and high reliability are important characteristics that oil heat professionals have come to rely upon.

### FEATURES and BENEFITS

- **Warranty**
  - Airtemp oil furnaces offer a 10-year All-Parts Warranty.
  - As well as a 1-year Replacement Pledge to replace the entire unit, if the unit's major component (heat exchanger) fails within the first year of operation, to the original owner.
  - Consumer product registration required for both 10-year All Parts Warranty and 1-year Replacement Pledge within a limited period of time after the installation. See current warranty document or visit our consumer website for details.
  - Also, when registered, this product is upgraded to a limited lifetime heat exchanger warranty.
- **Cabinet Construction** – 22 gauge steel cabinet ensures strength and quiet operation.
- **Finish** – Appliance-grade powder coat for long-lasting durability.
- **Firing Rate** – Multi-firing rates for a wide range of applications.
- **Burner** – Equipped with industry leading Beckett burners which includes cleancut pumps, PSC motors, and solid state controls. Factory pre-wired, pre-assembled and tested. Ready to connect to fuel supply line
- **Barometric Draft Control** – Included with all models.
- **Heat Exchanger** – Proven heat exchanger design featuring 100% welded construction for maximum performance. Large, accessible heat exchanger clean-out ports.



- **Radiator** – “Wrap-around type for maximum heat transfer.
- **Blower** – Direct drive type. Permanently lubricated, resilient mounted.
- **Blower Motor** – Designed for heavy-duty, continuous operation. Thermally protected. Four-speed is standard. ECM blower motor available on RHF-ABT model only.
- **Blower Assembly** – Entire unit with motor can be easily removed for servicing.
- **Filters** – Filters are included with all oil furnace models except RCF-CBP.
- **Insulation** – Spun glass and aluminum foil for “hand cool” cabinet.
- **Access Door** – Easily removed for access to burner and controls. Completely enclosed controls and burner on Highboy and Lowboy models.
- **Air Conditioning** – Pre-wired control is standard on all direct drive models.
- **Coil Transitions** – Adapts furnace outlet to accept uncased coils.

## HIGHBOY FURNACES

RHF-ABP  
RHF-ABT  
RH8-BBP



**CAUTION:** All oil furnaces require proper setup and installation by a certified oil heat technician.

### System Specifications:

Model No.	Output BTUH	AFUE (%)	Blower Performance CFM @ 0.5 w.c.	Flow Rate GPH	Angle of Spray	Beckett Burner Model No.	Filter Size (WxD in.)	Ship Wt. (lbs.)
RHF-ABT	60,000 72,000 <sup>(1)</sup> 90,000	85	821, 1037, 1205, 1399, 1561	0.50 0.60 0.75	80° A	AFG	25 x 16	270
RHF-ABP	60,000 72,000 <sup>(1)</sup> 90,000	85	822, 1085, 1334, 1569	0.50 0.60 0.75	80° A	AFG	25 x 16	270
RH8-BBP	101,000 119,000 <sup>(1)</sup> 132,000	85 <sup>(1)</sup>	1237, 1458, 1746, 2069	0.50 0.60 0.75	80° A	AFG	24-3/4 x 19-3/4	316

<sup>1</sup> Factory setting. AFUE rating at factory setting.

### Dimensions:

Model No.	Cabinet Size (in.)			Supply Air Outlet (in.)		Return Air Filter Rack Flange Size (in.)		Side Return Air (in.) (To be Cut-out by Installer)		Diameter of Flue Pipe (in.)
	Width	Depth	Height	Width	Depth	Width	Depth	Height	Depth	
RHF-ABT	21	30	45	19	19	14-1/4	24	14	23	5
RHF-ABP	21	30	45	19	19	14-1/4	24	14	23	5
RH8-BBP	24-1/2	36-1/2	50-1/8	20	20	19	23-3/4	14	23	7

### Accessories:

Description	Part No.	Airtemp Model
Direct Vent Termination Kit (includes vent hood & 15' flexible vent pipe, requires MAOPS8394 for AFG burners)	MAOPS8393	RHF-ABP, RHF-ABT
Direct Vent Termination Kit (includes vent hood & 15' flexible vent pipe), requires MAOPS8394 Sidewall Vent Kit for AFG	MAOPS8414	RH8-BBP
Sidewall Vent Accessory Kit for Beckett AFG	MAOPS8394	RHF-ABP, RHF-ABT, RH8-BBP
Combustion Air Kit for combustion air only w/Beckett AFG (non-direct vent applications)	MAOPS8397	RHF-ABP, RHF-ABT, RH8-BBP
Blocked Vent Kit (required in Canada non-direct vent applications)	0936	RHF-ABP, RHF-ABT, RH8-BBP
Parts Kit	MAOPS2686	RHF-ABP, RHF-ABT

## LOWBOY FURNACES

RLF-CBP (Front Flue)  
 RLR-CBP (Rear Flue)  
 RL16F-BBP (Front Flue)  
 RL16R-BBP (Rear Flue)



**CAUTION:** All oil furnaces require proper setup and installation by a certified oil heat technician.

### System Specifications:

Model No.	Output BTUH	AFUE (%)	Blower Performance CFM @ 0.5 w.c.	Flow Rate GPH	Angle of Spray	Beckett Burner Model No.	Filter Size (WxD in.)	Ship Wt. (lbs.)
RLF-CBP	70,000 88,000 <sup>(1)</sup> 98,000 114,000	85	931, 1082, 1200, 1447	0.60 0.75 0.85 1.00	80° A	AFG	(2) 20 x 10	300
RLR-CBP	70,000 88,000 <sup>(1)</sup> 98,000 114,000	85	915, 1066, 1184, 1409	0.60 0.75 0.85 1.00	80° A	AFG	(2) 20 x 10	300
RL16F-BBP	129,000 <sup>(1)</sup> 142,000	85	1077, 1346, 1606, 1962	1.10 1.25	80° A	AFG	(2) 25 x 14	560
RL16R-BBP	129,000 <sup>(1)</sup> 142,000	85	1077, 1346, 1606, 1962	1.10 1.25	80° A	AFG	(2) 25 x 14	560

<sup>1</sup> Factory setting. AFUE rating at factory setting.

### Dimensions:

Model No.	Cabinet Size (in.)			Supply Air Outlet (in.)		Return Air Inlet (in.)		Diameter of Flue Pipe (in.)
	Width	Depth	Height	Width	Depth	Width	Depth	
RLF-CBP	22-1/4	47	41-1/2	20	20	20	12-1/2	6
RLR-CBP	22-1/4	47	41-1/2	20	20	20	12-1/2	6
RL16F-BBP	27	58-1/2	46-1/2	22	22	22	18	7
RL16R-BBP	27	58-1/2	46-1/2	22	22	22	18	7

### Accessories:

Description	Part No.	Airtemp Model
Combustion Air Kit for combustion air only w/Beckett AFG (non-direct vent applications)	MAOPS8421	RL16F-BBP, RL16R-BBP
Combustion Air Kit	MAOPS7482	RLF-CBP, RLR-CBP
Blocked Vent Kit for Front Flue (required in Canada non-direct vent applications) Not available on RL16 models	MAOPS2687	RLF-CBP
Blocked Vent Kit for Rear Flue (required in Canada non-direct vent applications) Not available on RL16 models	MAOPS2686	RLR-CBP
Optional 4 Ton Airflow Kit	MA OPS2686	RLF-CBP, RLR-CBP
Parts Kit	MAOPS2695	RLF-CBP, RLR-CBP

## DOWNFLOW/HORIZONTAL FURNACES

RCF-CBP (Downflow/Horizontal)

RC16F-BBP (Horizontal)

RC16R-BBP (Horizontal)



**CAUTION:** All oil furnaces require proper setup and installation by a certified oil heat technician.

### System Specifications:

Model No.	Output BTUH	AFUE (%)	Blower Performance CFM @ 0.5 w.c.	Flow Rate GPH	Angle of Spray	Beckett Burner Model No.	Filter Size (WxD in.)	Ship Wt. (lbs.)
RCF-CBP	69,000 88,000 <sup>(1)</sup> 97,000	85	1017, 1111, 1209, 1347	0.60 0.75 0.85 1.00	80° A	AFG	25 x 20 Not Included	280
RC16F-BBP	127,000 <sup>(1)</sup> 134,550	83	1789, 1897, 2062	1.10 1.25	80° A	AFG	25 x 20	500
RC16R-BBP	127,000 <sup>(1)</sup> 134,550	83	1789, 1897, 2062	1.10 1.25	80° A	AFG	25 x 20	500

<sup>1</sup> Factory setting. AFUE rating at factory setting.

### Dimensions:

Model No.	Cabinet Size (in.)			Supply Air Outlet (in.)		Return Air Inlet (in.)		Diameter of Flue Pipe (in.)
	Width	Depth	Height	Width	Depth	Width	Depth	
RCF-CBP	22-1/4	22-1/4	61-1/4	16	16	16	16	6
RC16F-BBP	74	26	26	22	20	22	20	7
RC16R-BBP	74	26	26	22	20	22	20	7

### Accessories:

Description	Part No.	Airtemp Model
Combustion Air Kit for combustion air only w/Beckett AFG (non-direct vent applications)	MPVB-3	RC16F-BBP, RC16R-BBP
Combustible Floor Base	RC-Base	RCF-CBP
Blocked Vent Kit (required in Canada non-direct vent applications) (Not for use with Horizontal venting)	MAOPS2687	RCF-CBP
Optional 4 Ton Airflow Kit	MS00S4140	RCF-CBP
Parts Kit	MAOPS2695	RCF-CBP