



Olsen®

Oil Furnaces

Keeping Families
Comfortable for
more than 60 years

Olsen has the optimal
oil furnace solution for
you with **Highboy** and
Lowboy models.



BCL



BFL



HTL

FEATURING

- ✓ Optional ECM Motor
- ✓ AFUE Up to 85%
- ✓ Air Conditioning Ready
- ✓ Up to B20 Biodiesel Certified
- ✓ High Grade Steel Refractory Combustion Chamber

www.olsenhvac.com



Lowboy Series

The Lowboy series is capable of achieving up to 85% AFUE efficiency due to its unique heat exchanger design, high performance oil burners and refractory combustion chamber. This results in increased energy savings and lower fuel bills.

Our heat exchangers are constructed of welded steel for added reliability and the large surface area maximizes heat transfer into your home.

Extremely flexible installation with front and rear flue options along with multiple firing rates, burner options, and optional ECM blower motor.

BCL	100	200
Btu/h Input	77,000 - 154,000	
AFUE Efficiency	Up to 85%	
Flue Location	Rear Breech (5")	
Height	37 3/8"	39 3/8"
Cold Air Return	20" x 18"	20" x 20"
Hot Air Supply	20" x 20"	20" x 20"



BFL	100	200
Btu/h Input	77,000 - 154,000	
AFUE Efficiency	Up to 85%	
Flue Location	Front Breech (5")	
Height	37 7/16"	42"
Cold Air Return	20" x 18"	20" x 20"
Hot Air Supply	20" x 20"	22" x 20"

Features

Chimney Vent Burner Options (B2o Bio-diesel Ready*)

- Beckett AFG*
- Riello F3/F5*
- Carlin EZ-1 Select

Blower Motor Options

- PSC Direct Drive
- ECM

Other

- Filter:
BCL / BFL: 20" x 20" x 1"
- Barometric damper
- Durable steel cabinet ensures strength while full fiber-reinforced insulation provides quiet operation. An appliance grade textured finish minimizes fingerprints.
- A/C ready
BCL/BFL-100 up to 3 tons
BCL/BFL-200 up to 5 tons





Highboy Series

The Highboy series is capable of achieving up to 85% efficiency due to its unique heat exchanger design, high performance oil burners and refractory combustion chamber. This results in increased energy savings and lower fuel bills.

Each Highboy furnace has a completely insulated combustion chamber to provide quiet operation and clean burning performance.

Flexible installation with multiple firing rates, burner options, and optional ECM blower motor.

(up flow only)

HTL	100	200
Btu/h Input	77,000 - 154,000	
AFUE Efficiency	Up to 85%	
Flue Location	Front Breech (5")	
Height	54"	60"
Cold Air Return	18" x 18"	23" x 18"
Hot Air Supply	20" x 20"	20" x 24"

Features

Chimney Vent Burner Options
(B2o Bio-diesel Ready*)

- Beckett AFG*
- Riello F3/F5*
- Carlin EZ-1 Select

Blower Motor Options

- PSC Direct Drive
- ECM

Other

- Filter:
 - HTL-100 20" x 20" x 2"
 - HTL-200 20" x 25" x 2"
- Barometric damper
- Durable steel cabinet ensures strength while full fiber-reinforced insulation provides quiet operation. An appliance grade textured finish minimizes fingerprints.
- A/C ready
 - HTL-100 up to 3 tons
 - HTL-200 up to 5 tons

Quality and care
goes into every
Olsen furnace



Specifications - BCL, BFL, HTL



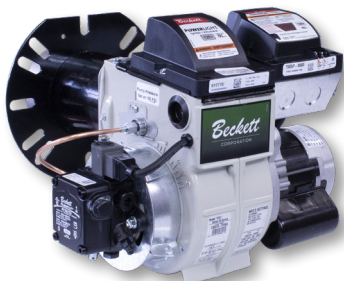
Furnace Model	BCL-100	BCL-200	BFL-100	BFL-200	HTL-100	HTL-200
Firing Rate (Bold = factory installed)	0.55 0.65 0.75	0.85 0.95 1.10	0.55 0.65 0.75	0.85 0.95 1.10	0.55 0.65 0.75	0.85 0.95 1.10
Input Capacity MBH (#2 Fuel)	77 91 105	119 133 154	77 91 105	119 133 154	77 91 105	119 133 154
Output Capacity MBH (#2 Fuel)	65 76 87	100 110 127	65 76 87	100 110 127	65 76 87	100 110 127
AFUE % (range based on burner selection)	83 - 85	83 - 85	83 - 85	83 - 85	83 - 85	83 - 85
A/C Ready	up to 3 tons	up to 5 tons	up to 3 tons	up to 5 tons	up to 3 tons	up to 5 tons
PSC Blower Motor hp	1/2 hp	3/4 hp	1/2 hp	3/4 hp	1/2 hp	3/4 hp
Number of Speeds	4	4	4	4	4	4
CFM at 0.50" wc (ext. static pressure)	1,230	1,730	1,915	2,500	1,200	1,745
ECM Blower Motor hp	1/2 hp	3/4 hp	1/2 hp	3/4 hp	1/2 hp	3/4 hp
Number of Speeds	5	5	5	5	5	5
CFM at 0.50" wc (ext. static pressure)	1,470	2,075	1,550	2,240	1,485	1,770
Height	37 3/8"	39 3/8"	37 7/16"	42"	54"	60"
Width	21 1/4"	21 1/4"	21 1/4"	21 1/4"	21 1/2"	24 1/2"
Depth	43 11/16"	45 7/8"	43 1/2"	47 11/16"	24 1/2"	29 1/2"
Flue Diameter	5"	5"	5"	5"	5"	5"
Supply Plenum Size	20" x 20"	20" x 20"	20" x 20"	22" x 20"	20" x 20"	20" x 24"
Return Plenum Size	20" x 18"	20" x 20"	20" x 18"	20" x 20"	18" x 18"	23" x 18"

Specifications subject to change without notice.

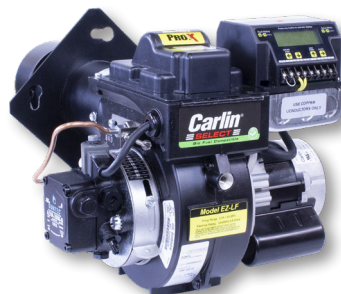
Flexible Burner Options

Take advantage of today's modern burner technology. Choose from Beckett, Riello or Carlin burners.

Beckett Burner



Carlin Burner



Riello Burner



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All specifications subject to change without notice.
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