



# 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](http://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
- 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
- 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



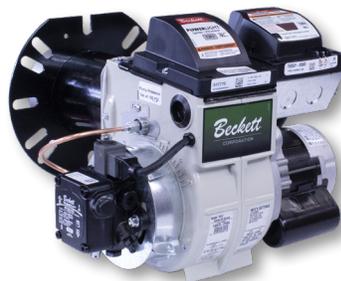
Furnace Model	BCL-100	BCL-200	BFL-100	BFL-200	HTL-100	HTL-200
<b>Firing Rate</b> (Bold = factory installed)	0.55   <b>0.65</b>   0.75	0.85   <b>0.95</b>   1.10	0.55   <b>0.65</b>   0.75	0.85   <b>0.95</b>   1.10	0.55   <b>0.65</b>   0.75	0.85   <b>0.95</b>   1.10
<b>Input Capacity MBH</b>	77   91   105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

Specifications subject to change without notice.

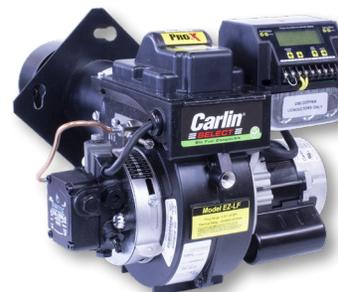
## Flexible Burner Options

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

Beckett Burner



Carlin Burner



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All specifications subject to change without notice.  
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