OIL-FIRED 3-PASS WATER BOILER

EXCELSIOR EXC CAST IRON



87% AFUE EFFICIENCY

The updated Excelsior oil boilers feature an advanced heat exchanger for efficient, rapid heat transfer to heating zones.

Customers appreciate increased energy savings thanks to its triple-pass design, resulting in lower flue gas temperatures and a significant increase in performance.

- Durable cast iron heat exchanger provides excellent thermal properties.
- Hydrolevel Fuel Smart HydroStat, combination Low Water Cut Off with boiler temperature reset and circulator control.
- Beckett, Riello, Carlin or Less Burner options.
- 3 to 6 section models
- Maximum Inputs from 93,000 btu/h – 215,000 btu/h
- Reversible Swing Door
- 20 Year Non-Prorated Limited Warranty
  5 Year Parts Limited Warranty
  (Residential)

TRIPLE PASS ADVANTAGES

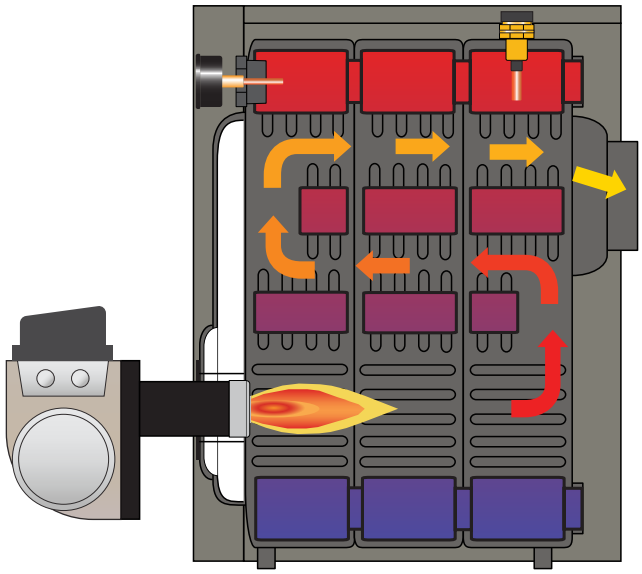
Low exhaust temperatures result in less energy loss through the flue gases.

Wide flue ways allow for easy cleaning and service.

Thick insulation maximizes heat retention during standby.

Low water content: 6 - 10.5 gallons.

Standard #2 Fuel Oil Burner options available.
(See reference chart on reverse side)



Innovative. Efficient. Dependable. Dunkirk

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PRODUCT SPECIFICATIONS

RATINGS

MODEL	AHRI CERTIFIED RATINGS					DIMENSIONS				
	Firing Rate GPH	Input MBH[1]	Heating Capacity MBH[1][2]	Net AHRI Rating MBH[1][3]	Efficiency AFUE%[2]	# of Sec.	Flue Size[4] (in)	Water Content Gallons	Weight Lbs.	Width x Height x Length W x H x L (in)
EXC3067	.67	93.4	81	70	87%	3	5	6.0	275	18 x 31 x 18 ½
EXC4098	.98	136.6	120	104	87%	4	5	7.5	338	18 x 31 x 23
EXC5123	1.23	171.4	149	130	87%	5	5	9.0	401	18 x 31 x 27 ½
EXC6154	1.54	214.7	187	163	87%	6	6	10.5	464	18 x 31 x 31 ¾

(1) 1000 Btu/hr (British Thermal Units Per Hour)
(2) Heating capacity and AFUE (Annual Fuel Utilization Efficiency) are based on DOE (Department of Energy) test procedures.
(3) Net AHRI ratings shown are based on piping and pickup factor of 15% in accordance with AHRI Standard as published by Hydronics Institute. Contact Technical Support before selecting boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc
(4) Refer to IOM and vent pipe manufacturer's instructions for equivalent lengths and approved venting materials.

CONNECTIONS

Water Return & Supply:	1-1/4" NPT

ELECTRICAL

120 V ac, 60 hertz, 1 phase, less than 12 amps
(15 amp circuit recommended)

STANDARD EQUIPMENT

Boiler Control: Hydrolevel Fuel Smart HydroStat, combination Low Water Cut Off with boiler temperature reset and circulator control.
Display Interface: Digital display with easy to set dial-type limit settings.
Heat Exchanger: High efficiency, cast iron, 3-pass design with reversible swing door. Efficiency baffles by model.
Combustion: Oil burner, flexible oil line.
Electrical: Burner electrical disconnect.
Other: Temperature/pressure gauge, 3/4" ASME relief valve, drain valve, textured painted steel jacket.

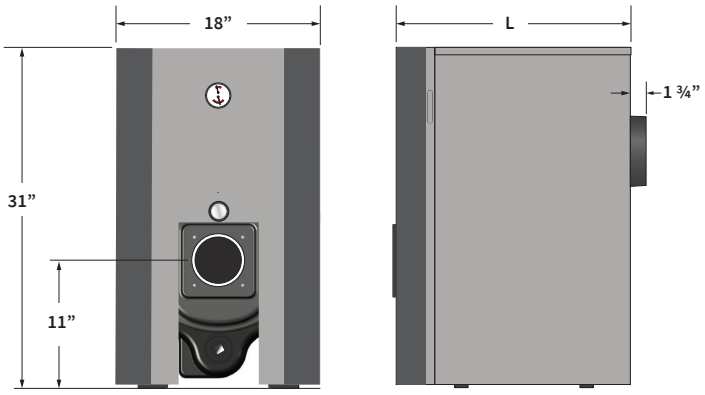
OPTIONS

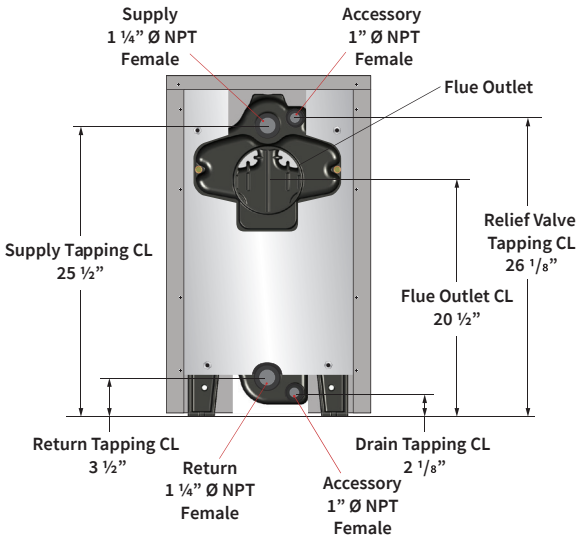
Beckett, Carlin, Riello or Less Burner options (See chart below.)
Direct Vent: Riello burner only (not available on EXC6154)

BURNER ITEM NUMBERS

MODEL	Beckett (CV)	Carlin (CV)	Riello (CV)	Riello (DV)
EXC3067	240013944D	240013948D	240013941D	240013952D
EXC4098	240013945D	240013949D	240013942D	240013953D
EXC5123	240013946D	240013950D	240013942D	240013953D
EXC6154	240013947D	240013951D	240013942D	NA

(CV) Chimney Vent, (DV) Direct Vent





ECR International, Inc. 2260 Dwyer Avenue, Utica, NY 13501
Tel. 800 253 7900
www.ecrinternational.com

Dunkirk.com

All specifications subject to change without notice.
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