

Advantage Oil-Fired Water Boiler



ADVANTAGE[®] CAST IRON BOILERS

Features

- Rugged, wet-base heat exchanger design
- Three physical sizes with six firing rates
- Cast-iron burner swing-open door for easy access
- Post purge control burners
- Available with and without tankless coil
- 3-prong quick disconnect for easy service
- Attractive split jacket easily removed for servicing
- Taco 007e ECM High Efficiency Circulator Pump
- Barometric damper
- ASME safety relief valve
- Fuel Smart HydroStat[®] 3250 Control

Temperature Limit Control:

Designed for cold start and tankless coil boilers

Low Water Cut-Off:

Provides protection against potentially dangerous low water conditions

Boiler Reset Control:

Utilizes Thermal Targeting™ technology to conserve fuel by monitoring heating demand and establishing target boiler temperatures below the high limit setting

- Optional outdoor reset with sensor part #48-140
- USA made
- Limited lifetime warranty



Available in heating capacities from 92,000 to 231,000 BTU/hour.



The PurePro[®] Advantage[®] Oil Boiler is a residential, cast-iron, oil-fired water boiler designed for installation with a standard chimney. Available in heating capacities from 92,000 to 231,000 BTU/hr.

With its limited lifetime warranty, the Advantage sets the standard for installer-ready oil fired boilers with post purge control. The Advantage is available with a Beckett AFG or Carlin burner, and comes standard with a Taco 007e ECM High Efficiency Circulator Pump and Hydrolevel HydroStat 3250 which combines Temperature Limit Control, LWCO and Boiler Reset in one easy-to-use control.

The Advantage is available with an optional front mounted tankless coil for Domestic Hot Water needs.

Abundant, Rapid Hot Water Heating

PurePro offers a complete line of indirect water heaters to complement the Advantage Boiler. By utilizing the boiler as its heat supply, the burner fires only when necessary and transfers heat from the boiler to the water heater through a highly efficient heat exchanger.

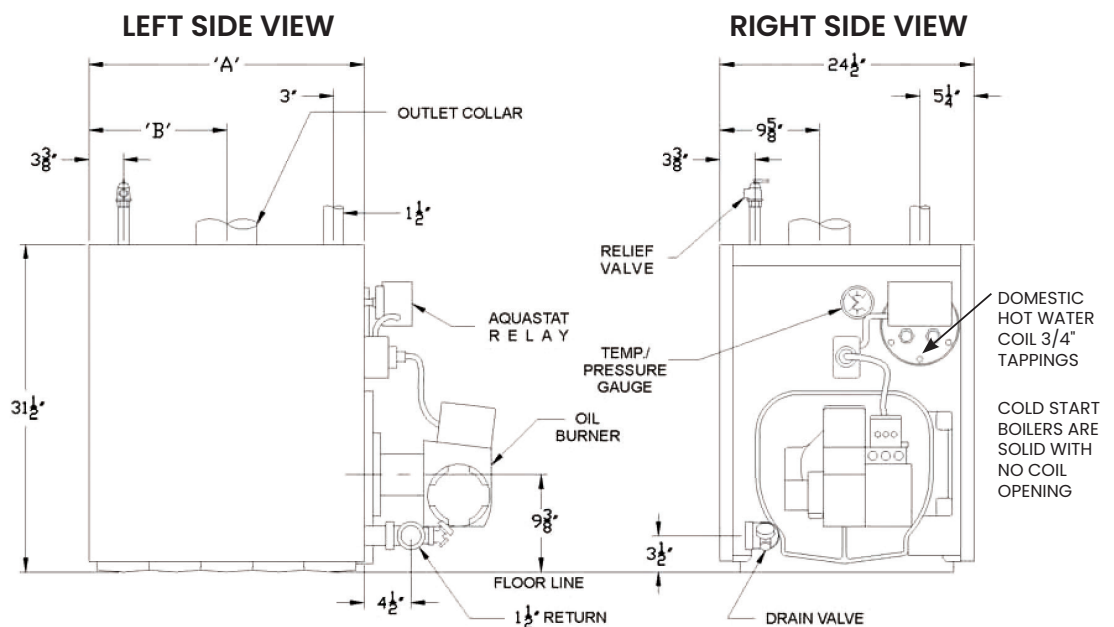


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Specifications

Advantage Oil Boiler Model #	AHRI Model	Sections	Input MBH	DOE MBH	IBR NET MBH	Burner Capacity GPH	AFUE	Energy Star Rated	Tankless Heater GPM	Dimensions (inches)		Flue Collar Diameter (inches)
										A	B	
PROAO(T)-3E	AO-3-075E	3	105	92	80	0.75	87.0%	Yes	3.00	17-3/8	8-1/4	6
	AO-3-100E	3	140	122	106	1.00	86.3%		3.25	17-3/8	8-1/4	6
PROAO(T)-4E	AO-4-120E	4	168	148	129	1.20	87.0%	Yes	3.75	22-3/8	10-7/8	7
	AO-4-150E	4	210	182	158	1.50	86.0%		4.00	22-3/8	10-7/8	7
PROAO(T)-5E	AO-5-175E	5	245	214	186	1.75	86.4%		4.25	27-3/8	13-3/8	8
	AO-5-190E	5	266	231	201	1.90	86.0%		4.75	27-3/8	13-3/8	8

- (T) Front-mounted Tankless Coil available on all models.
- Chimney Size of all models is 8"x8"x15'.
- All boilers/burners shipped for lower firing rate.
- Nozzle for high rate not included.
- Envelope with instructions and labels for high firing rate included.



Burner Part Numbers

Webb #	Mfr. #	Description
598917	PRO11056-03	Beckett AFG - 3 Section Burner
598919	PRO11057-04	Beckett AFG - 4 Section Burner
598921	PRO11058-05	Beckett AFG - 5 Section Burner
598918	PRO11071-03	Carlin EZ Oil - 3 Section Burner
598920	PRO11072-04	Carlin EZ Oil - 4 Section Burner
598916	PRO107486-01	Carlin EZ Oil - 5 Section Burner
1253720	PRO112410-01	Riello Oil Burner - AO4 High Fire, AO-5 Low Fire
1253721	PRO112411-01	Riello Oil Burner - AO3 & AO4 Low Fire Only

Supply and return piping connection is 1 1/2" - all sizes

Specifications and dimensions are subject to change without notice.

Consult factory if unusual piping or pickup requirements exist.

The Net I=B=R Water Ratings shown are based on a piping and pickup allowance of 1.15.

Firing rate in GPH based on having a heat value of 140,000 BTU/GAL.



Constructed and tested in accordance with ASME Boiler Code, Section IV. A limited lifetime warranty is provided for the cast iron heat exchanger.