



ENDURA™

Condensing Hydronic Boilers
1,500,000 - 2,000,000 BTU/HR



**RUGGED
ROBUST
RELIABLE**

The heat transfer innovators.

ENDURA CONDENSING HYDRONIC BOILERS

Design Features:

- The welded duplex stainless steel heat exchanger has extensive heat transfer surfaces, highlighted by the use of corrugated fire tube technology.
- The pressure vessel has the mass and volume to be incorporated into primary, variable flow piping systems and does not require the use of dedicated circulator pumps, flow switches or temperature control valves.
- No minimum return water temperature requirements.
- Accessibility to components for commissioning and preventative maintenance via removable panels.



WATER SIDE

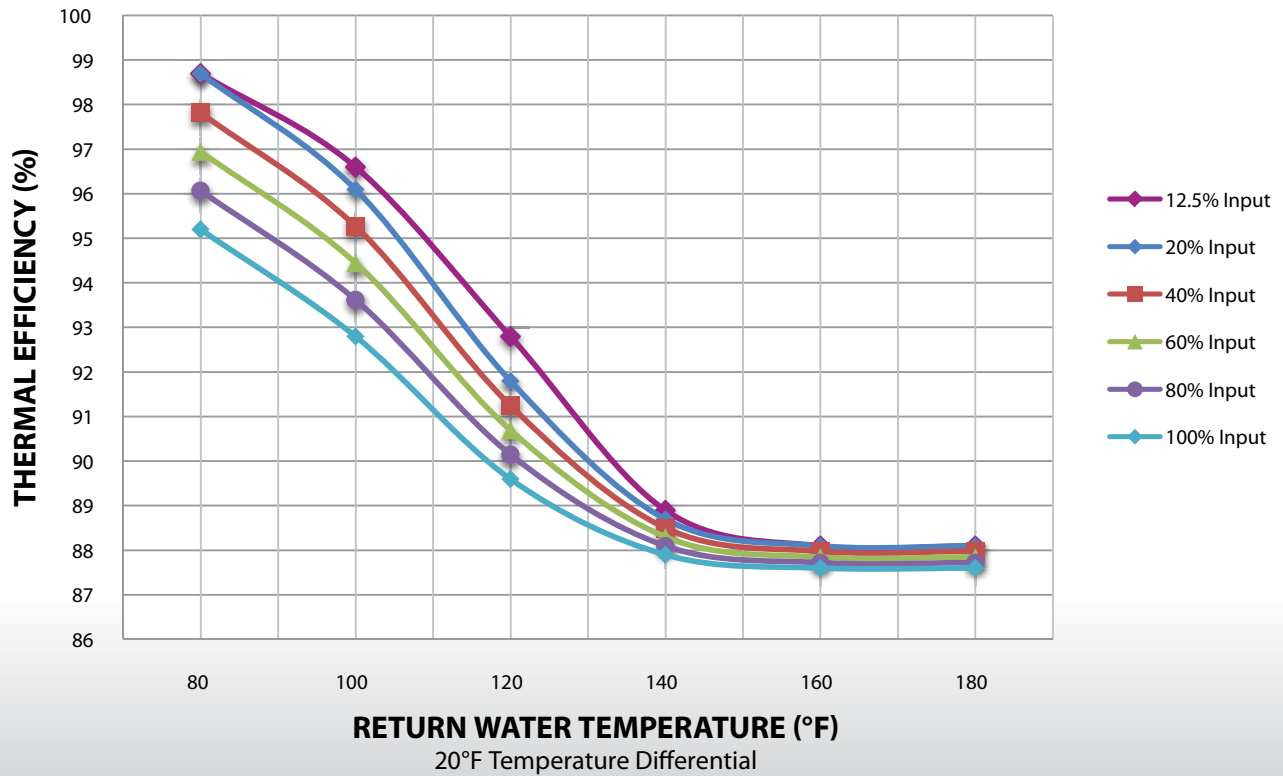
- 1** Return water enters at the bottom of the pressure vessel
- 2** Baffles provide counter-flow to maximize efficiency
- 3** Supply water exits at the top of the pressure vessel

FIRE SIDE

- A** Fresh air is drawn in
- B** A Venturi pre-mixes air and fuel for delivery to the burner
- C** Three pass fire tube heat exchanger
- D** Flue gases and condensate are collected for disposal

PERFORMANCE

Thermal Efficiency vs. Return Water Temperature

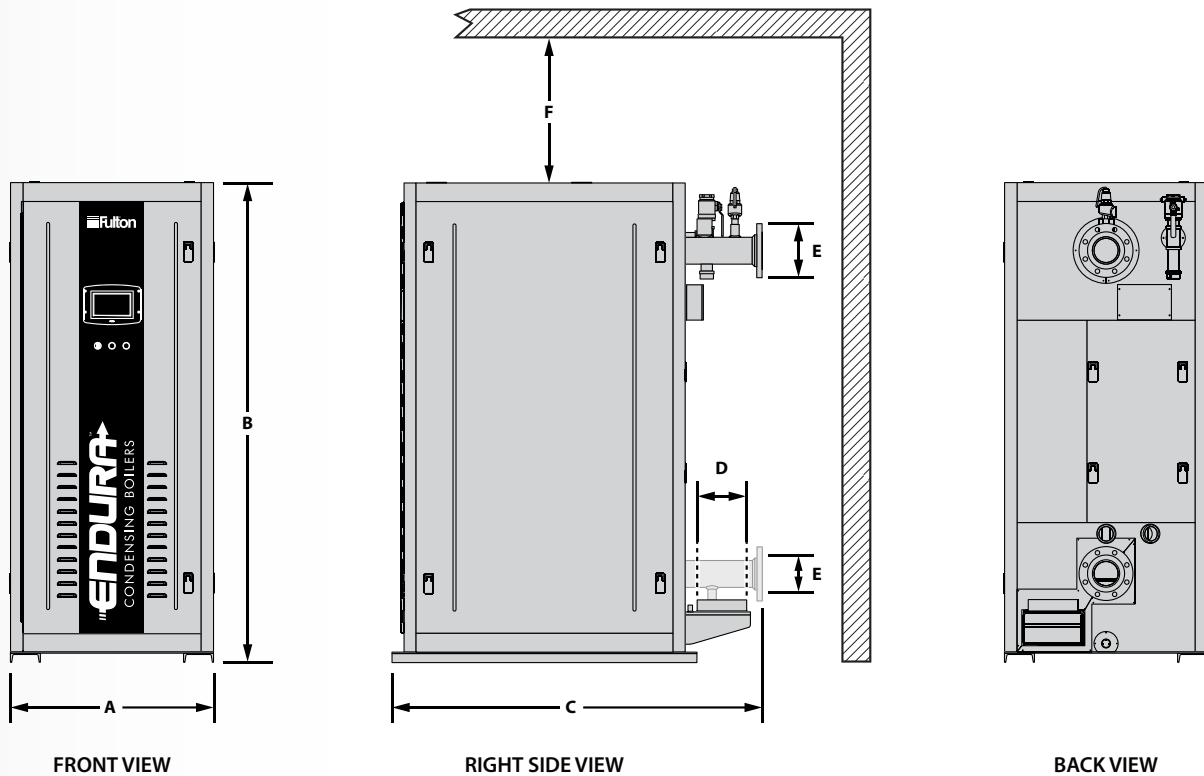


Model Numbers	AHRI Certified Thermal Efficiency
EDR-1500	93.5%
EDR-2000	93.7%

CONTROLS & OPERATION

- Optimal modulation performance; up to 8:1 turndown.
- Color touchscreen display with extensive capabilities, including BMS communications and integrated sequencing for up to 8 boilers.
- Less than 20 ppm NOx emissions.
- Full capacity with 4" wc natural gas pressure.
- Reliable operation throughout varying seasonal conditions.





SPECIFICATIONS

MODEL	EDR	1500	2000
Input	Million BTU/Hr	1.5	2.0
	kW	411	549
Fuel Cons. @ rated cap. (Nat. Gas)	FT3/Hr	1500	2000
	M3/Hr	42.5	56.7
Output at AHRI Test Condition	BHP	41.9	56
	KCal/h	353,424	472,240
Electrical Req. (Amps)	120V, 60Hz, 1 Phase	20	20
Water Content	Gal	104	102
	Liters	394	386
Dry Weight	LBS	2260	2360
	KG	1025	1071
Operating Weight	LBS	3128	3210
	KG	1419	1456

DIMENSIONS

MODEL	EDR	1500	2000
A. Boiler Width	IN	33.9	33.9
	CM	86	86
B. Overall Boiler Height	IN	80	80
	CM	203.2	203.2
C. Overall Boiler Depth	IN	60.6	60.6
	CM	153.8	153.8
D. Flue Outlet Diameter	IN	6	8
	CM	15.2	15.2
E. Water Inlet/Outlet Diameter	IN	4	4
	CM	10.2	10.2
F. Min. Clearance (top)	IN	18	18
	CM	46	46
Air Inlet Diameter (top access)	IN	8	8
	CM	20.3	20.3
Min. Clearance (sides)	IN	1	1
	CM	2.5	2.5

NOTE: All data is subject to change without notice.



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