



ENDURA[®]

Ultra-High Efficiency
Condensing Boilers

750,000 – 2 Million BTU/HR



- ▶ Duplex Stainless Heat Exchanger
- ▶ Flame-by-Wire™ Combustion
- ▶ Real-Time O₂ Compensation™



Low NOx
CERTIFIED



Hydrogen
READY

Up to 20% Blend

GREATER THAN THE SUM OF ITS PARTS

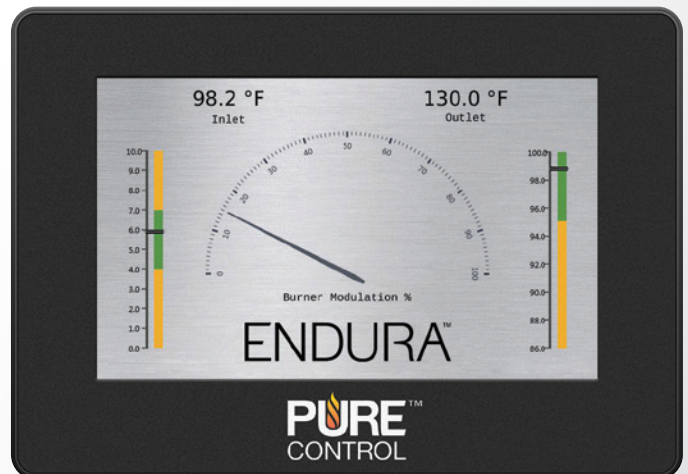
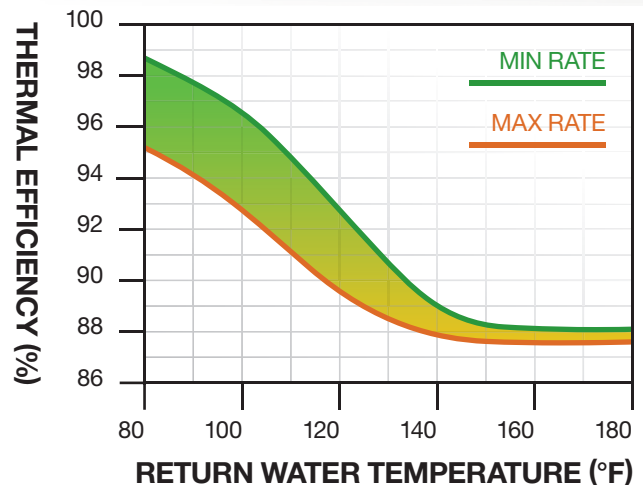
ENDURA® condensing boilers provide quiet and reliable operation in a compact firetube platform with efficiencies up to 99%. The highly engineered construction is built to last with thicker, higher-strength materials, and a premium fit and finish reflecting Fulton's paramount quality.

- ▶ **Flame-by-Wire™ Combustion Control**
- ▶ **Up to 15:1 Turndown Burner**
- ▶ **Feed Forward O₂ Compensation™**
- ▶ **Low NO_x Emissions of <20 ppm**
- ▶ **Lower Cost of Ownership**

COMPLEXITY SIMPLIFIED

PURE Control™ provides rapid access to operating details and configuration. It efficiently sequences up to 10 boilers and eliminates the need for a master boiler or standalone panel. When a boiler is powered off, the plant seamlessly transitions to the next available stage for reliable heat you can count on.

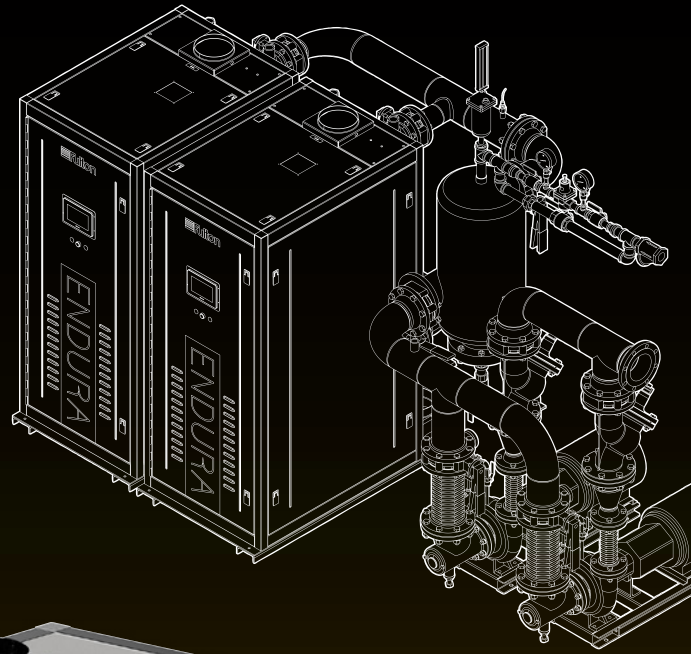
- ▶ **Outdoor Reset with Setback Mode**
- ▶ **Motorized Isolation Valve Control**
- ▶ **Variable Speed Pump Control**
- ▶ **Saves Energy by Reducing Cycling**
- ▶ **Modbus / BACnet Configurable**



DESIGNED FOR VARIABLE PRIMARY FLOW

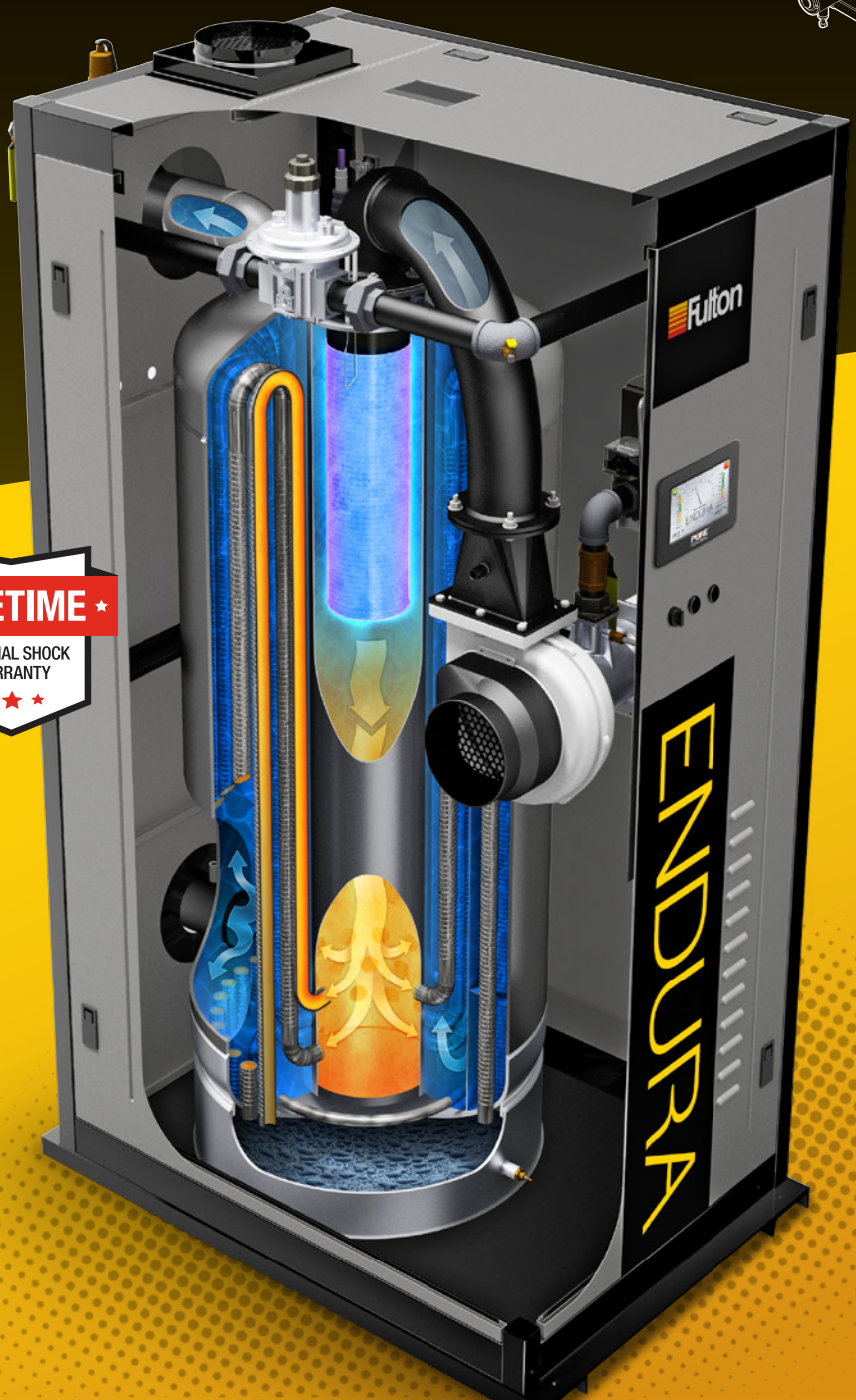
Variable primary flow is a simplified piping method which enhances temperature control, reduces design complexity, and maximizes efficiencies by delivering the lowest temperature water directly to the boiler with no blending.

- ▶ No Dedicated Circulator Pump
- ▶ Reduced Installation Cost
- ▶ Smaller Plant Footprints



BETTER BY DESIGN

Proven as the premier choice for long-lasting rugged construction, Fulton's 3-pass design architecture has been the industry's trusted condensing boiler for more than 30 years.

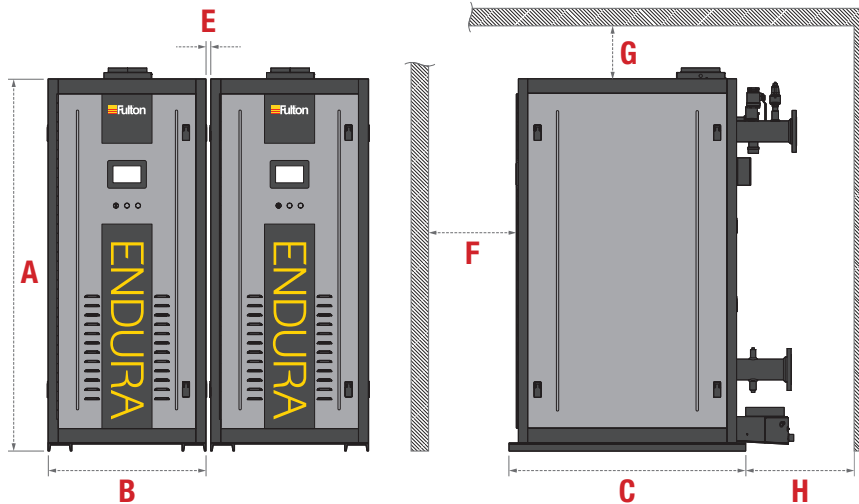


★ **LIFETIME** ★
THERMAL SHOCK
WARRANTY
★ ★ ★

- ▶ Duplex stainless steel heat exchanger features 160% greater yield strength and a 22% reduction in thermal expansion compared to conventional 316L used by the competition.
- ▶ High-mass and high volume firetube design operates with lower stresses and therefore greater durability.
- ▶ Exceptionally tolerant of varying and sometimes unpredictable system flow rates; will not be harmed by a zero flow condition.

SPECIFICATIONS & DIMENSIONS

	MODEL	EDR-750	EDR-1000	EDR-1500	EDR-2000
SPECIFICATIONS					
Input Capacity	MBH	750	1,000	1,500	2,000
Water Content	GAL	50	50	104	102
Pressure Drop at 20°F ΔT	PSI	0.5	0.7	0.8	1.5
Operating Weight	LBS	1,848	1,848	3,128	3,210
AHRI Thermal Efficiency	%	97.1	95.3	93.5	93.7
Turndown Ratio		8:1	11:1	11:1	15:1
DIMENSIONS					
(A) Height	IN	67.9	67.9	80.25	80.25
(B) Width	IN	28	28	34	34
(C) Depth	IN	42	42	50.8	50.8
CLEARANCES					
(E) Sides	IN	1	1	1	1
(F) Front	IN	36	36	36	36
(G) Top	IN	18	18	18	18
(H) Rear	IN	24	24	24	24



NOTE: Specifications and dimensions are approximate and for reference only. Fulton practices continuous product improvement and reserves the right to change data without notice.

Reliability & Lower Emissions

Flame-by-Wire™ combustion technology replaces the use of conventional “neg-reg” and mechanical linkages with a modern system of independent electronic air and gas valves. It is easier to service and tune by empowering technicians to dial in air-fuel ratios with surgical precision.

Space-Saving Design

A compact footprint allows ENDURA boilers to fit through a standard door and requires only one-inch of side clearance between boilers, freeing up valuable mechanical room space.

Easy to Install and Maintain

ENDURA’s latched cabinet panels detach in seconds, providing easy access for commissioning and maintenance. Complete boiler service can be performed through the front, top, and rear.



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