





# PURE<sup>®</sup> CONTROL

## Complexity Simplified

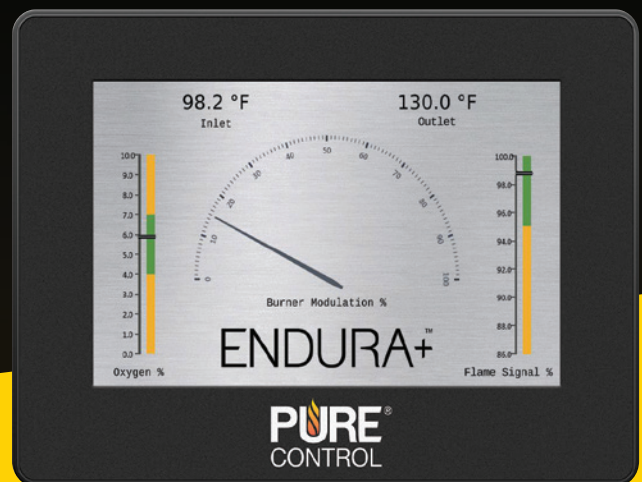
The powerful and intuitive PURE<sup>®</sup> Control maximizes energy savings and simplifies boiler operation. The touchscreen control provides rapid access to operating details and configuration including detailed diagnostics and trending history.

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

## Seamless Staging

Sequences up to 10 boilers efficiently and eliminate 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 heat you can rely on.



# FLAME BY WIRE<sup>®</sup>

## Reliability & Lower Emissions

Flame-by-Wire<sup>®</sup> 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.

- ▶ **Simple Start-Up & Maintenance**
- ▶ **Maintains Precise Combustion**
- ▶ **Configurable to Sub-7PPM NOx**

## Real-Time O<sub>2</sub> Compensation<sup>™</sup>

The air-fuel ratio is continuously tuned in real-time, optimizing the combustion mixture. Automatically adjusting for seasonality virtually eliminates the need for mid-season re-tunes and reduces fuel usage.

- ▶ **Maintains Ideal Oxygen Levels**
- ▶ **Maximizes Condensing Potential**
- ▶ **Auto-Optimization for Seasonality**

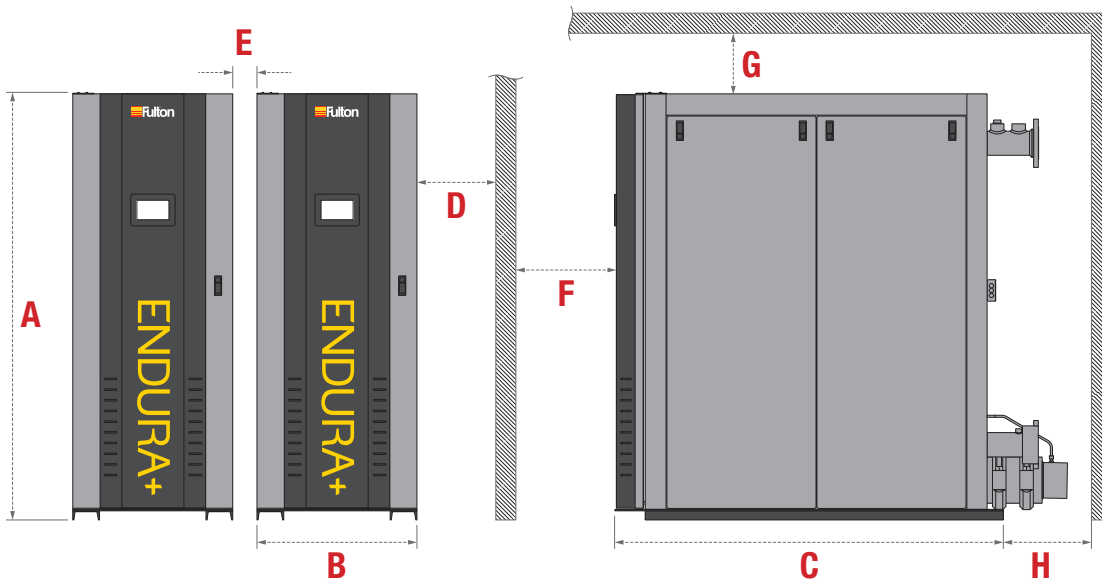




# SPECIFICATIONS & DIMENSIONS

	MODEL	EDR+2500	EDR+3000	EDR+4000	EDR+5000	EDR+6000	EDR+8000	EDR+10000	EDR+12000
<b>SPECIFICATIONS</b>									
Input Capacity	MBH	2,500	3,000	4,000	5,000	6,000	8,000	10,000	12,000
Water Content	GAL	80	80	180	180	180	360	360	360
Pressure Drop at 20°F ΔT	PSI	3.2	5.0	2.8	4.1	6.0	2.8	4.1	6.0
Operating Weight	LBS	3,267	3,267	6,540	6,588	6,593	14,502	14,502	14,502
AHRI Thermal Efficiency	%	96.8	96.3	94.6	94.5	95.9	94.6	94.5	95.9
Turndown Ratio		12.5:1	15:1	10:1	12.5:1	15:1	20:1	25:1	30:1
<b>DIMENSIONS</b>									
(A) Height	IN	80	80	79	79	79	79	79	79
(B) Width	IN	30	30	34	34	34	66	66	66
(C) Depth	IN	73	73	117	117	117	127	127	127
<b>CLEARANCES</b>									
(D) Sides	IN	24	24	24	24	24	24	24	24
(E) Between Pair	IN	1	1	1	1	1	24	24	24
(F) Front	IN	36	36	36	36	36	36	36	36
(G) Top	IN	18	18	18	18	18	18	18	18
(H) Rear	IN	24	24	36	36	36	36	36	36

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



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