



ENDURA XE[®]

Condensing Firetube Hydronic Boilers

399,000 – 750,000 BTU/HR

Trusted in hundreds of thousands of installations globally, Fulton boilers are built to last and are renowned for their exceptional reliability. The ENDURA XE continues this legacy, featuring cutting-edge decarbonization technology and the same rugged construction that defines Fulton.



Decarbonization Simplified

Installer friendly Flame-by-Wire™ controls feature best in class simplicity and reliability. Standard O₂ Compensation autonomously optimizes efficiency for seasonality, maximizing carbon-reducing condensing.

- ▶ Up to 29% Carbon Reduction*
- ▶ Eco-Friendly Low NOx Burner
- ▶ Flame-by-Wire Electronic Combustion
- ▶ Real-Time O₂ Compensation
- ▶ High Turndown up to 15:1

Durable, Long-Lasting Design

Constructed with proven materials featuring 68% greater strength than conventional heat exchangers, the heavy-duty ENDURA XE is engineered to last, even in the most demanding applications.

- ▶ 10-Year Heat Exchanger Warranty
- ▶ Upgraded 439 Stainless Heat Exchanger
- ▶ Resilient Against Scale and Corrosion
- ▶ Comprehensive 2-Year Parts Warranty
- ▶ Industrial-Grade Burner with 5-Year Warranty

Reliable, Low Carbon Emissions

Fulton will help achieve your sustainability goals by combining environmentally friendly low emissions with the rugged durability of industrial-grade equipment.

- ▶ Simple Maintenance & Low Cost of Ownership
- ▶ Reduce Energy Costs with Enhanced Heat Transfer
- ▶ Exceptional Durability for a Prolonged Lifespan



Intuitive, Feature-Rich Control

Innovative controls offer sophisticated capabilities through a user-friendly touchscreen. In the event a boiler is disabled, the plant seamlessly transitions to the next available stage providing peace of mind for reliable heating.

- ▶ Sequence up to 10 Boilers
- ▶ Motorized Isolation Valve Control
- ▶ Variable Speed Pump Control
- ▶ Lead/Lag Redundancy for Reliable Heating
- ▶ Modbus / BACnet Configurable

Easy Installation & Maintenance

Variable primary flow reduces the cost of installation, eliminates dedicated boiler pumps, and minimizes carbon emissions by eliminating the inefficient blending in a primary-secondary manifold.

- ▶ Low Cost of Installation & Operation
- ▶ Ultra-Compact - Zero Side Clearance
- ▶ Excellent for Retrofit and New Construction
- ▶ Rapid, Easy Access to Key Components
- ▶ Flexible Venting Options

Specifications & Dimensions

MODEL	EXE	399	500	650	750
SPECIFICATIONS					
Input Capacity	(MBH)	399	500	650	750
Thermal Efficiency	(%)	98.0	97.3	96.3	96.0
Turndown Ratio		8:1	10:1	13:1	15:1
DIMENSIONS					
Height	IN	73.7	73.7	73.7	73.7
Width	IN	26.3	26.3	26.3	26.3
Depth	IN	28.9	28.9	28.9	28.9

NOTES:

- 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.
 - Dimensions represent locations from which service clearances are measured, refer to end assembly drawings for overall dimensions.
- * Compared to DOE minimum requirements



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Drawings & documentation available online

ENDURA-XE-399-750_SALES-SHEET_240731

