



ENDURA

ULTRA HIGH EFFICIENCY
CONDENSING BOILERS

750 K – 2.0 MM BTU/HR



GREATER THAN THE SUM OF ITS PARTS

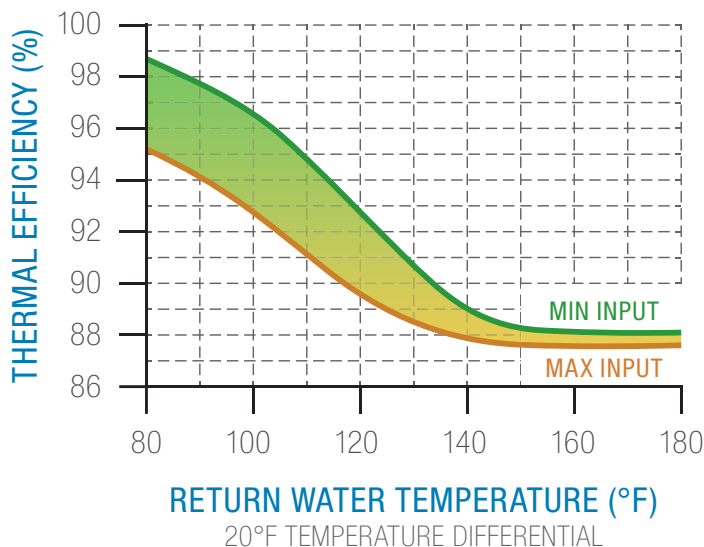
Designed for variable primary flow hydronic heating, Endura™ condensing boilers provide quiet and reliable operation in a compact vertical firetube platform.

The highly-engineered construction is built to last with thicker, higher-strength materials, and a premium fit and finish reflecting Fulton's paramount quality.

INDUSTRY LEADING SPECIFICATIONS

- ▶ **ULTRA-HIGH EFFICIENCIES UP TO 99%**
- ▶ **QUIET OPERATION OF <71 DBA AT 5 FT**
- ▶ **LOW NOX EMISSIONS OF <20 PPM**
- ▶ **TEN YEAR HEAT EXCHANGER WARRANTY**
- ▶ **FIVE YEAR BURNER WARRANTY**

THERMAL EFFICIENCY VS. RETURN WATER TEMPERATURE



- ▶ *Three Endura boilers are integrated directly into a primary-only variable flow installation to provide building heat.*

▶ **ROBUST DESIGN, COMPACT FOOTPRINT**

Our compact design enables Endura boilers to fit through a standard door and requires only one-inch of side clearance between boilers.

▶ **SIMPLE TO INSTALL AND MAINTAIN**

Latched cabinet panels detach in seconds, providing easy access for commissioning and maintenance; complete service can be performed through the front, top, and rear.

▶ **APPLICATION FLEXIBILITY**

With no minimum water temperatures, flexible venting capabilities and full capacity with only 4"WC gas pressure, Endura boilers are a perfect choice for both new and retrofit building heat applications.

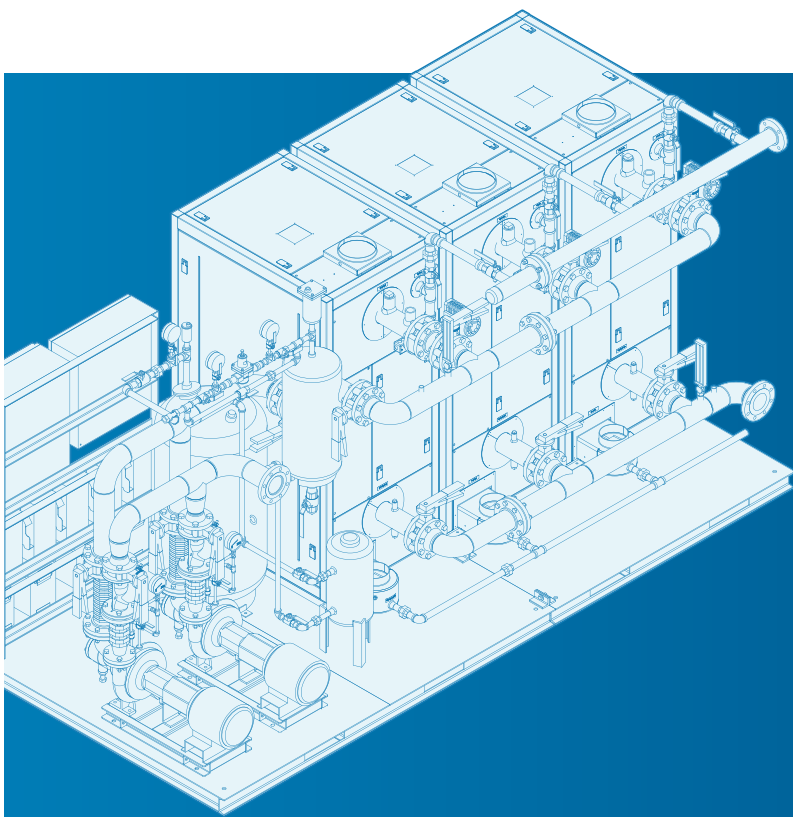
▶ **INTUITIVE TOUCHSCREEN CONTROL**

Integrated lead/lag for up to 8 boilers optimizes energy savings with parallel modulation and outdoor air temperature reset. Extensive control capabilities also includes pump control, trending data, and BMS integration through Modbus; BACnet or LonWorks configurable.

BETTER BY DESIGN

Endura boilers are built on a proven heat exchanger platform engineered and manufactured by Fulton. The design features rugged welded construction and a high-mass pressure vessel.

- ▶ **Fully Duplex Stainless Steel heat exchanger** has 19% greater strength and a 23% reduction in thermal expansion compared to conventional 316L used by the competition.
- ▶ Fully wetted three-pass firetube design operates with lower stresses and therefore greater durability.
- ▶ Corrugated flue pipes increase surface area and turbulence, enhancing fuel-saving efficiencies.
- ▶ The high water volume counter-flow design is exceptionally tolerant of varying and sometime unpredictable applications; **a zero flow condition will not harm the boiler.**

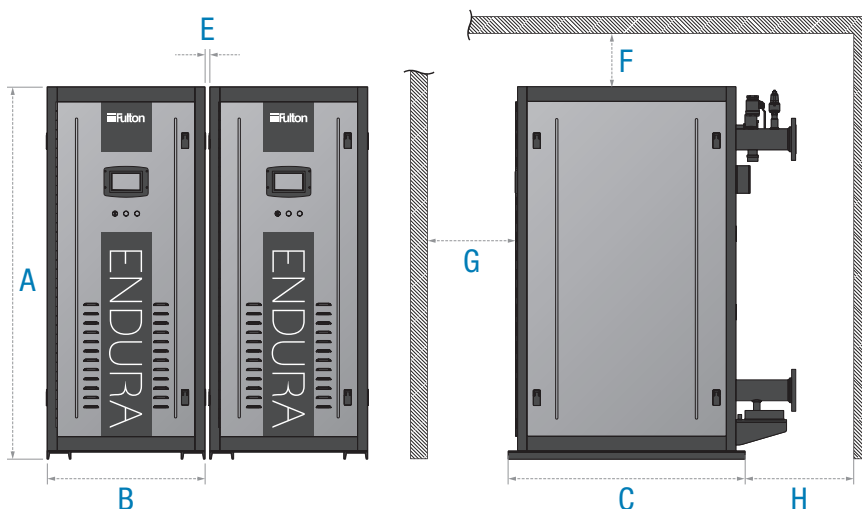


DESIGNED FOR VARIABLE PRIMARY FLOW

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 BOILER PUMP REQUIRED
- ▶ SMALLER PLANT FOOTPRINTS
- ▶ REDUCED COST OF INSTALLATION

MODEL:	EDR	750	1000	1500	2000
SPECIFICATIONS					
Input Capacity	MMBTU/Hr	0.75	1	1.5	2
Water Content	Gal	50	50	104	102
Pressure Drop at 20°F ΔT	PSI	.04	.08	.08	1.5
Operating Weight	LBS	1,848	1,848	3,128	3,210
AHRI Thermal Efficiency	%	97.1	95.3	93.5	93.7
DIMENSIONS					
(A) Overall Boiler Height	IN	67.75	67.75	80	80
(B) Overall Boiler Width	IN	28	28	33.9	33.9
(C) Overall Boiler Depth	IN	49.75	49.75	50.1	60.6



CLEARANCES

(E) Side	IN	1
(F) Top	IN	18
(G) Front	IN	36
(H) Rear	IN	24

NOTE: All 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. Graphics contained in this brochure may not be representative of actual product.

Find your local sales
representative online at:

www.fulton.com/sales



/FULTON-COMPANIES



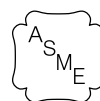
/FULTONBOILER



@FULTONBOILER



Fulton Heating Solutions, Inc.
6288 Running Ridge Road
Syracuse, NY 13212
(315) 298-8510



Printed in the U.S.A
ENDURA_BRO_2018-1003

Learn more about
Fulton products and
services online at:
www.fulton.com