



# KESTAVA™

Condensing Tankless  
Water Heater

750,000 – 2 Million BTU/HR



- ▶ Duplex Stainless Steel Construction
- ▶ Flame-by-Wire™ Combustion
- ▶ Real-Time O<sub>2</sub> Compensation™



# GREATER THAN THE SUM OF ITS PARTS

Designed for commercial domestic applications, KESTAVA™ condensing tankless water heaters deliver efficiencies up to 99% and the unmatched reliability of an industrial water heater.

Built to last with thicker, high-strength materials, KESTAVA provides quiet, dependable operation in a compact firetube platform, with a premium fit and finish that reflect Fulton's renowned quality.

- ▶ **Flame-by-Wire™ Combustion Control**
- ▶ **Burner Turndown up to 15:1**
- ▶ **Feed Forward O<sub>2</sub> Compensation™**
- ▶ **Low NOx 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 water heaters and eliminates the need for a master water heater or standalone panel. When a water heater is powered off, the plant seamlessly transitions to the next available stage for reliable hot water you can count on.

- ▶ **Masterless Water Heater Control**
- ▶ **Water Heater Sequencing**
- ▶ **Load Anticipation Logic**
- ▶ **Saves Energy by Reducing Cycling**
- ▶ **Modbus / BACnet Configurable**



## SOLUTIONS FOR EVERY MARKET

MARKET	WHY IT FITS
Education	Durable, Compliant
Healthcare	Health-safe, Reliable
Hospitality	Compact, Efficient, Quiet
Housing (multifamily)	Retrofit-ready, Low Maintenance
Other Hot Water	Advanced heat exchanger design



# DESIGNED FOR RECIRCULATION & STORAGE SYSTEMS

KESTAVA is designed for large recirculation loops without storage volume. While suitable for installations with storage tanks, KESTAVA is purpose-built as a tankless water heater, thanks to its ability to handle wide variations in flow and temperature.

- ▶ **Quick Response to Changing Loads**
- ▶ **High Turndown for Load Matching**
- ▶ **Large Internal Water Volume**



## BETTER BY DESIGN

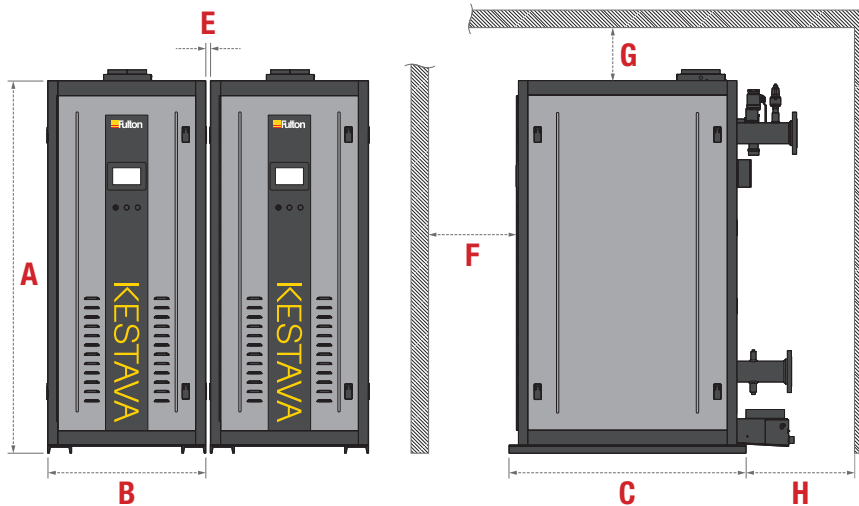
Proven as the premier choice for long-lasting rugged construction, Fulton's 3-pass design architecture has been trusted by the industry for more than 30 years.

- ▶ Duplex stainless steel heat exchanger and pressure vessel feature 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.
- ▶ Designed to prevent scale with an internal baffle system, bottom blow-down drain port and vessel recirculation pump.



# SPECIFICATIONS & DIMENSIONS

	MODEL	KTV-750	KTV-1000	KTV-1500	KTV-2000
<b>SPECIFICATIONS</b>					
Input Capacity	MBH	750	1,000	1,500	2,000
Water Content	GAL	50	50	104	102
Recovery at 100°F ΔT	GPH	876	1,140	1,680	2,250
Recovery at 70°F ΔT	GPH	1,248	1,632	2,400	3,210
Turndown Ratio		8:01	11:01	11:01	15:01
Pressure Drop at 15 GPM	PSI	0.1	0.1	0.05	0.05
Pressure Drop at 40 GPM	PSI	0.2	0.2	0.1	0.1
Operating Weight	LBS	1,848	1,848	3,128	3,210
<b>DIMENSIONS</b>					
(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
<b>CLEARANCES</b>					
(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 KESTAVA water heaters to fit through a standard door and requires only one-inch of side clearance between units, freeing up valuable mechanical room space.

## Easy to Install and Maintain

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



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[fulton.com/kestava](http://fulton.com/kestava)

Drawings & documentation available online

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