**AERCO Expands SmartPlate® EV Line with New High-Flow Models for Demanding Domestic Hot Water Applications**

**Blauvelt, NY – July 3, 2025** – [AERCO](https://www.aerco.com/), a Watts brand, announces the expansion of its SmartPlate® EV indirect water heater line with the addition of new high-flow models, capable of supporting domestic hot water (DHW) loads up to 140 gallons per minute (gpm). Designed to pair with condensing and electric boilers – including seamless integration with AERCO’s Benchmark and Benchmark E boilers – the new SmartPlate EV models offer greater performance flexibility, ideal for both new construction and retrofit projects.

*“The new high-flow SmartPlate EV models give engineers and facility managers more flexibility to meet large DHW demands while maximizing energy efficiency, especially in systems using condensing boilers,”* said Nicholas Lane, Product Manager at AERCO. *“With a compact design, simple integration, and stainless steel potable water components, these new models continue the SmartPlate tradition of delivering reliable, efficient hot water – even in the most challenging environments.”*

The SmartPlate EV line is specifically engineered to complement low-temperature hydronic systems. By using boiler water temperatures as little as 5°F above the required DHW set point, SmartPlate EV reduces radiation losses and drives overall system efficiency. The ultra-compact units (less than 6 ft² footprint) include single-point header connections for easy installation and field adjustability for 2- or 3-way valve configurations.

**SmartPlate EV: A Smarter Choice for Areas with Hard Water**

Unlike tank-type or direct-contact heaters, SmartPlate EV’s indirect design ensures the heat exchanger is isolated from the potable water. This helps mitigate scaling and corrosion issues common in areas with hard water or poor water quality, extending equipment life and lowering maintenance needs. All wetted components on the DHW side are constructed from stainless steel, copper, or copper alloy, further enhancing durability and resistance to corrosion.

**Key Features of SmartPlate EV:**

* High flow capacity: Now supporting up to 140 gpm
* Tight temperature control: ±4°F for consistent hot water delivery
* Ultra-compact design: Less than 6 ft² footprint
* High operating pressure: Up to 300 PSIG on both boiler and domestic water sides
* Durable materials: Stainless steel, copper, and copper alloy in potable water pathways
* Flexible valve options: Packaged with field-adjustable 2-way or 3-way electronic valve
* Integrated control: BAS-compatible and fully modulating primary input
* Seamless boiler pairing: Optimized for use with AERCO Benchmark and Benchmark E boilers for enhanced efficiency and, in the case of Benchmark E, a completely vent-free, zero-emission solution.

From hospitals and hotels to schools and office buildings, SmartPlate EV offers a powerful, energy-efficient, and resilient solution for domestic hot water generation.

**About AERCO**

For more than 75 years, AERCO, a Watts brand, has designed and manufactured compact, commercial condensing boilers and water heaters that simplify installation and maintenance, reduce project costs and minimize lifecycle expenses. AERCO originated tankless water heating, introduced the first modulating and condensing gas-fired unit for the commercial market and helped pioneer the high-efficiency boiler category. For more information, visit [www.aerco.com](http://www.aerco.com).

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