

# ASCEND® HIGH-EFFICIENCY, ON-DEMAND, GAS-FIRED WATER HEATER WITH BRAIN® ON BOARD



Armstrong International brings you the world's first on-demand, gas-fired, fully integrated, hot water generation and water temperature control solution compliant with ASSE 1017— Ascend® high-efficiency water heater with The Brain® digital mixing technology built in.

## Industry-Leading Infection Control and Scald Protection

Ascend® provides a primary water heating temperature of 160°F/71°C or above, reducing incubation potential for Legionella and other waterborne pathogens. Integration of The Brain® ensures that hot water is distributed to points of use at consistent, pre-set temperatures, resulting in improved safety and reduced risks for scald injury and thermal shock.

The 1°F inlet-to-outlet temperature differential feature of The Brain® allows the system to operate with a minimal system temperature loss.

- | Precise +/- 2°F hot water system temperature control
- | Superior temperature control at points of use
- | No water stagnation/idle water

## All-in-One Solution

Ascend® provides instantaneous hot water to satisfy your peak system demands, raising water temperature above the threshold for Legionella survival and delivering it to points of use at safe temperatures to prevent scalding.

Engineered to deliver operating efficiencies as high as 99.8%, Ascend® utilizes a condensing, on-demand heater with a dual heat exchanger design to extract maximum benefit from energy use. This single, packaged system needs no additional storage tanks, so it takes up less precious space in the mechanical room. Ascend® comes ready to go, right out of the box. Simply connect the unit to the building water supply.

- | All-in-one configuration simplifies installation and saves space
- | High-efficiency condensing design minimizes fossil fuel consumption
- | Integral Bluetooth and BACnet connectivity
- | Advanced control panel with intuitive digital user interface provides ease of management
- | Currently offered in three sizes: 800, 1M, and 1.5M BTU



Ascend® is a component of Armstrong International's Armada™ Digital Solutions for Healthy Hot Water. Designed specifically for recirculating domestic hot water systems, Armada™ addresses critical elements of a water safety management plan. Ascend® works seamlessly with Armstrong's advanced hot water system management platform, SAGE®, for compliance with a Standard of Care such as ASHRAE 188 and VA 1061.

Armstrong International

The Americas | Asia | Europe, Middle East, Africa

armstronginternational.com

10/24