DIGITAL HOT WATER SOLUTIONS
Digital Mixing Centers

Pre-Piped Digital Water Temperature Control Solutions

- Featuring The Brain® - ASSE 1017 certified Digital Recirculation Valve.
- Choose from 12 standard assemblies or customize.
- Wide range of flow rates up to 400 gpm (@ 10 psig).
- Factory assembled with 5 connection points for simplified installation.
- Includes isolation valves, check valves, balancing valves, strainers, thermometers, and pressure gauges.
- Optional SAGE™ Building System interface with integral data-logging to support AHRAE 188 Monitoring and Reporting Compliance.

Digital-Flo® Semi-Instantaneous Steam/Water Heater

Pre-Piped Digital Hot Water Generation and Control Solutions

- Featuring The Brain® - ASSE 1017 certified Digital Recirculation Valve.
- Choose from 16 standard assemblies or customize.
- Compact vertical design - Small footprint.
- Simple tube bundle access.
- Optional SAGE™ Building System interface with integral data-logging to support AHRAE 188 Monitoring and Reporting Compliance.
- Water temperature raised above Legionella survival levels on every recirculation cycle.

THE BRAIN® DIGITAL RECIRCULATION VALVE (DRV)

Armstrong introduced digital water temperature control to the world with The Brain® Digital Recirculation Valve (DRV). Engineered exclusively for recirculating hot water systems, The Brain® simplifies your hot water system to deliver unparalleled accuracy, stability and safety. It offers programmable temperature alerts and a program to promote compliance with recommended Legionella guidelines.

Performance

- +/- 2°F / 1°C control
- 1°F / 1°C minimum system temperature loss

Smarts

- Component self-diagnostics
- Programmable set point & alerts
- Programmable Thermal disinfection

Safety

- Over temperature shutoff
- Power failure shutoff
- Emergency mode

Consult the Armstrong International website for additional models, sizes, and custom solutions.
SAGE™ SMART HOT WATER SYSTEM MONITORING AND REPORTING

This fully integrated software tool brings you the next level in smart hot water system monitoring and reporting. SAGE™ works seamlessly with all our real-time monitoring products, including The Brain®, as it analyzes data to track behavior and performance – ensuring full compliance with VA, ASHRAE and World Health Organization hot water system safety guidelines. By providing regular updates and real-time alerts, SAGE™ keeps you informed, 24 hours a day.

Connectivity

- Integral Modbus RTU interface (The Brain®)
- SAGE™ - Building System interface module

Web Enabled
- Modbus
- BACnet™
- LonWorks™

For additional models, sizes, and custom solutions.
armstronginternational.com/brain

Digital-Flo® Instantaneous Boiler Water/Water PHE Water Heater

Pre-Piped Digital Hot Water Generation and Control Solutions

- Featuring The Brain® - ASSE 1017 certified Digital Recirculation Valve.
- Choose from 40 standard assemblies or customize.
- Optional SAGE™ Building System interface with integral data-logging to support AHSRAE 188 Monitoring and Reporting Compliance.
- No need for modulating pump control.

Digital-Flo® Instantaneous Steam/Water Shell & Tube Water Heater

Pre-Piped Digital Hot Water Generation and Control Solutions

- Featuring The Brain® - ASSE 1017 certified Digital Recirculation Valve.
- Separate steam control valve not required.
- Choose from 48 standard assemblies or customize.
- Optional SAGE™ Building System interface with integral data-logging to support AHSRAE 188 Monitoring and Reporting Compliance.
- Water temperature raised above Legionella survival levels on every recirculation cycle.