



A WATTS Brand

S59-3260 (HL2x1) High Capacity Manifold System

High Capacity System Features:

- (2) S59-3130 valves assembled into a manifold system
- Factory assembled and tested
- Piping assembly w/ inlet and outlet shutoff valves
- Easy installation and serviceability

Navigator High-Low Valve Features:

- Reliable liquid-filled thermostat with 10 year warranty
- Integral strainer checkstops on inlets
- Adjustable set point within temperature range
- Accurate temperature control to within $\pm 3^{\circ}$ F
- Positive shutoff of flow in the event of cold supply line failure or thermostat failure
- Dirt and lime resistant
- Dial Thermometer on each valve

Valve Specifications

Maximum Operating Pressure

125 PSI (860 kPA)

Maximum Inlet Temperature

180° F (82° C)

Temperature Range

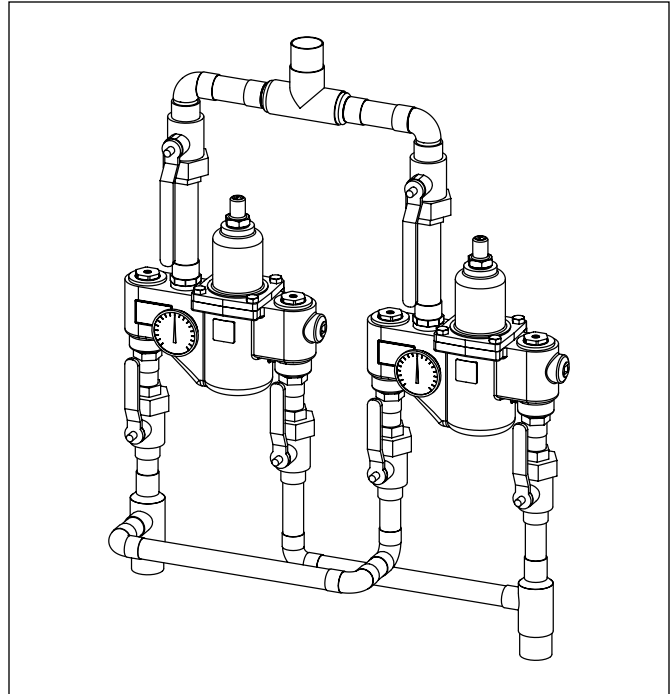
Std. 90° F (32° C) to 120° F (49° C)

High 110° F (43° C) to 140° F (60° C)

Set Point

110° F (43° C)

130° F (54° C)



Flow Capacities – GPM

Model	Min. Flow*	Pressure Drop – PSI						
		5	10	15	20	30	45	60
S59-3260	8.0	80.0	116.0	142.0	166.0	204.0	252.0	294.0

Flow Capacities – L/Min

Model	Min. Flow*	Pressure Drop – Bar						
		.5	1.0	1.5	2.0	2.5	3.0	4.0
S59-3260	30.0	369.0	530.0	654.0	760.0	854.0	940.0	1092.0

*Recirculation system only (See diagram on Page 2). When properly installed near the hot water source with a **continuously operating** recirculation pump, the valve will maintain set temperature with a .5 GPM (2.0 L/Min) draw from the plumbing system.

Product Compliance

ASSE 1017 & cUPC certified.



Certified to NSF/ANSI 372

- Standard product selections contained within this document are third party CERTIFIED to NSF/ANSI 372 meeting the Lead-Free content requirement. Any product configured with custom options will be COMPLIANT with NSF/ANSI 372 meeting the Lead-Free content requirement.

Engineer's Approval _____

Consult local and national codes. Conformity and compliance to local and national codes is the responsibility of the installer.

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Bradley_TMV_HighLow_HL2X1

Valve Model

Model	Description
S59-3260	High Capacity Manifold System
S59-3260H	High Capacity Manifold System with High Range Thermostat
S59-3260T	High Capacity Manifold System with Thermometer on Combined Outlet
S59-3260HT	High Capacity Manifold System with High Range Thermostat and Thermometer on Combined Outlet

Valve Model with Uni-Strut

Model	Description
S59-3260U	High Capacity Manifold System Mounted to Uni-Strut
S59-3260TU	High Capacity Manifold System with Thermometer on Combined Outlet and Mounted to Uni-Strut
S59-3260HU	High Capacity Manifold System with High Range Thermostat and Mounted to Uni-Strut
S59-3260HTU	High Capacity Manifold System with High Range Thermostat and Thermometer on Combined Outlet and Mounted to Uni-Strut

Sample Specification

High capacity manifold system consisting of two HL130 valves in combination with piping assembly and inlet/outlet shutoff valves. Each valve shall consist of a liquid-filled thermostat and a stainless steel piston and liner assembly with positive shutoff of hot water when cold water supply fails. HL130 valve will restrict flow of cold water in the event of loss or interruption of the hot water supply. Construction shall be bronze body and cap with replaceable corrosion resistant components, including stainless steel piston and liner. HL130 valve shall come equipped with integral checkstops, removable strainers, and thermometer. Liquid filled thermostat shall be warranted for a period of 10 years.

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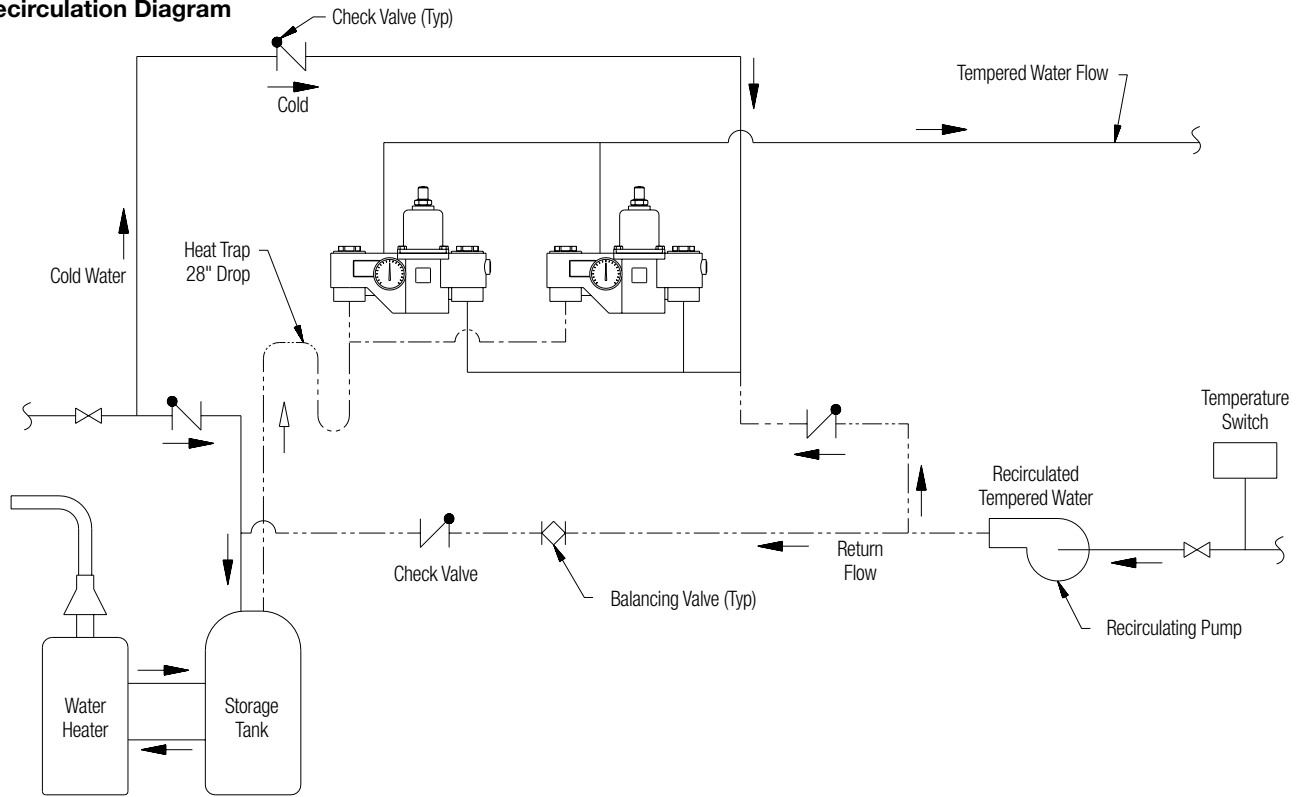
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Recirculation Diagram

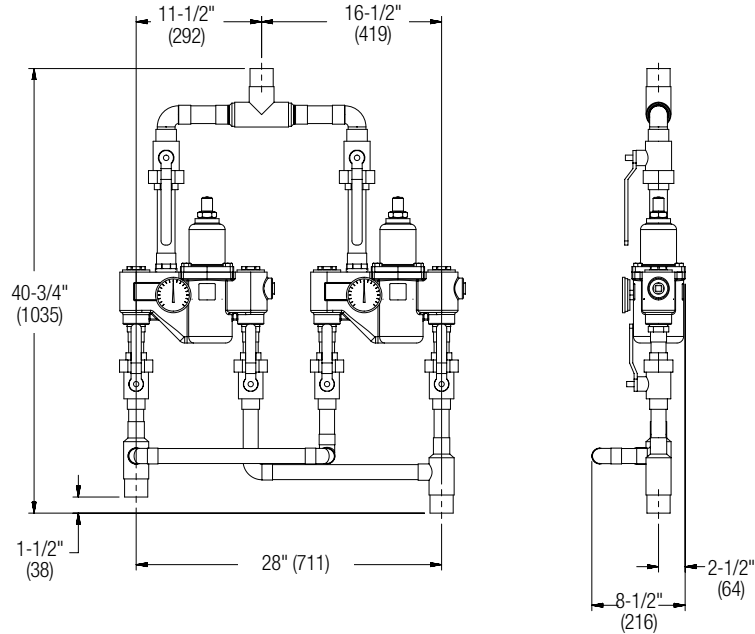


Dimensions

(mm)

With Standard or High Range
Thermostat ("H" Option)

2" NCT Inlets
and Outlets



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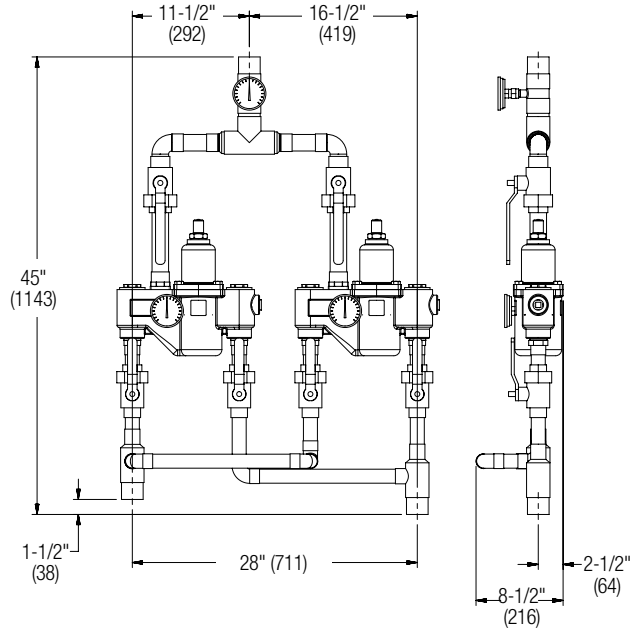
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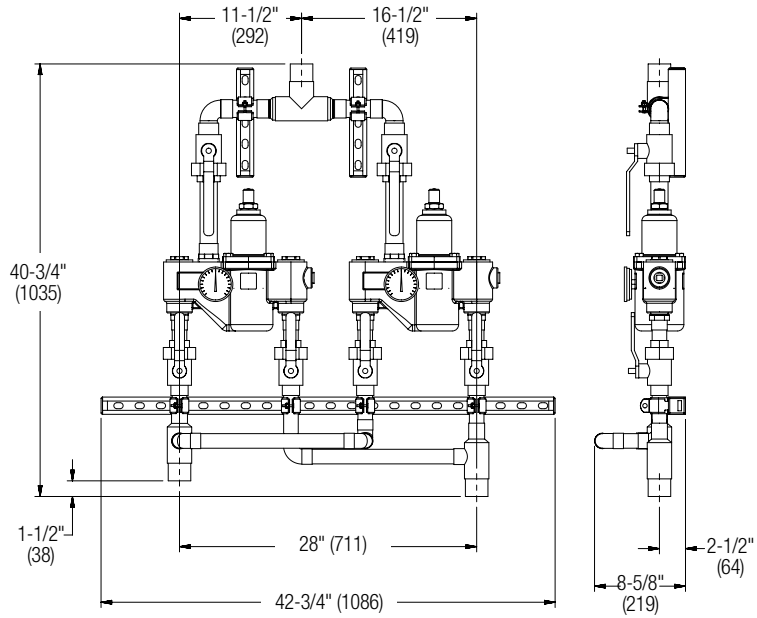
(mm)

Dimensions

With Thermometer on
combined Outlet ("T" Option)



Mounted to Uni-Strut
("U" Option)



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