



A WATTS Brand

S59-4100 Series Navigator® Thermostatic Mixing Valves

Key Features

- Durable, lead-free brass design †
- Reliable wax-filled thermostat
- Adjustable temperature with locknut to prevent tampering
- Easy installation and serviceability
- Universal mounting capability
- Integral check valves and strainers
- Factory assembled and tested

Valve Specifications

Maximum Operating Pressure

125 PSI (860 kPa)

Maximum Inlet Temperature

180°F (82°C)

Temperature Range

Std. 80–120°F (27–49° C)

Temperature Differential – Hot to Mix

5°F (3°C)

Flow Capacities – GPM (Lpm)

Min. Flow	Pressure Drop – PSI (Bar)						
	5 (.5)	10 (1.0)	15 (1.5)	20 (2.0)	30 (2.5)	45 (3.0)	60 (4.0)
0.25 (1.0)	0.8 (3.0)	1.2 (4.5)	1.6 (6.0)	2.0 (7.5)	2.4 (9.0)	3.0 (11.0)	3.4 (13.0)

Product Compliance

Listed by IAPMO R&T to

- ASSE 1070/ASME A112.1070/CSA B125.70
- Uniform Plumbing Code (UPC)
- National Plumbing Code of Canada
- International Plumbing Code (IPC)



1070



Listed by ASSE International to

- ASSE 1070

Listed by NSF International to

- NSF 61 & 372



Certified to
NSF/ANSI CAN 61 & 372

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

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6/5/2024

This information is subject to change without notice.

Bradley_TMV_PointOfUse_S59-4100_Series

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Models (Must select one)

Model	Description
☐ S59-4100	Navigator® Thermostatic Mixing Valve with 1/2" male NPT connection
☐ S59-4100A	Navigator Thermostatic Mixing Valve with 3/8" Compression Fittings
☐ S59-4100BY	Navigator Thermostatic Mixing Valve with 3/8" Compression Cold Side Bypass

Engineer's Approval _____

† The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

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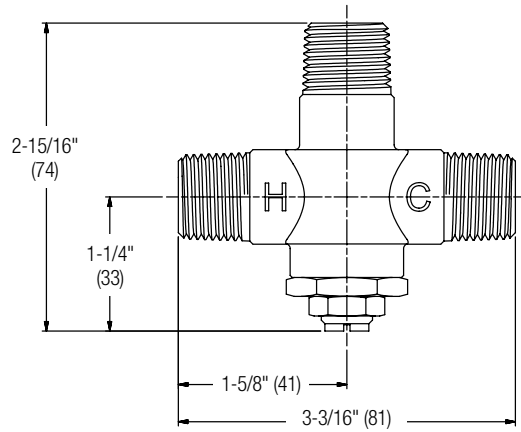


S59-4100 Series Navigator® Thermostatic Mixing Valves

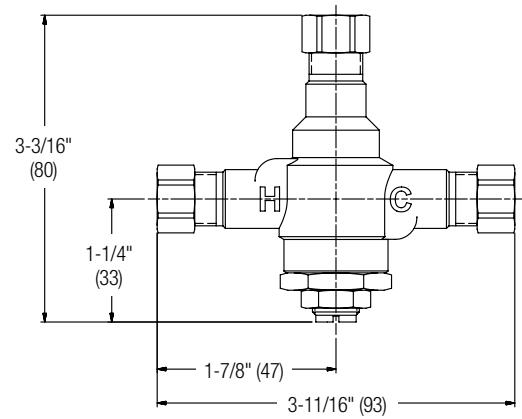
Dimensions

in (mm)

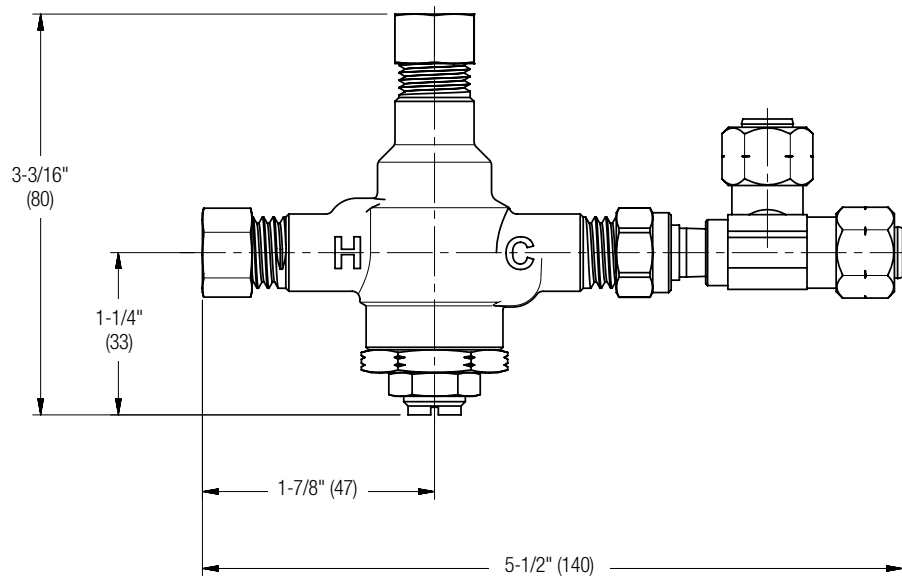
S59-4100



S59-4100A



S59-4100BY



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