

**ASSE International**

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Performance Requirements for

**Automatic Temperature  
Control Mixing Valves**

# General Information

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# Foreword

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This foreword shall not be considered a part of the standard; however, it is offered to provide background information.

ASSE standards are developed in the interest of consumer safety.

This standard was developed for devices that service end use fixture fittings, including but not limited to, gang showers and sitz baths, by supplying tempered water at a preset temperature through a single supply pipe. The need for this standard exists because no other standard covers products that supply a wide range of demand in flow rate while providing final control of the mixed water temperature. These devices are not intended to be installed for individual showers or tub/shower combinations.

It is understood that further mixing of water downstream of these devices will not occur. These devices shall be the final temperature control of the water that comes in contact with the end user.

Control of the final outlet temperature of these devices shall be set by either the installer or building owner. The end user generally does not have access to the device. These devices generally have one cold water inlet connection, one hot water inlet connection, and a mixed water outlet connection(s). The valves covered by this standard are only those which will, in cases of changes in hot or cold water supply pressure, temperature, or loss of cold water supply, reduce the risk of scalding and thermal shock.

Recognition is made of the time and support of those who participated in the development of this standard.

This standard does not imply ASSE's endorsement of a product which conforms with these requirements.

Compliance with this standard does not imply acceptance by any code body.

It is recommended that these devices be installed consistent with local codes.

This standard was promulgated in accordance with procedures developed by the American National Standards Institute (ANSI).

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