

WATER TEMPERATURE LIMITING DEVICE CHART

<i>All of the fixtures in this chart shall be supplied with hot water at a minimum of 100°F. A bidet shall be limited to a maximum of 110°F, while the other fixtures shall be limited to a maximum of 120°F. The hot water shall be in operation at the time of final inspection and both minimum and maximum temperature may be checked by the inspector.</i>	ASSE 1016¹ Shower Control Valve	ASME A112.18.1² Automatic Compensating Shower Control Valve	ASSE 1070³ In-line Mixing Valve	Faucet with Integral ASSE 1070	CSA B125.3⁴ In-Line Mixing Valve	ASSE 1069 Mixing Valve
Fixed shower riser⁵	X	X				
Bathtub fill only	X	X	X	X	X	
Bathtub with fixed shower riser	X	X				
Bathtub with handheld shower⁶	X	X	X	X	X	
Public lavatory			X	X	X	
Bidet			X	X	X	
Gang shower without individual control valves						X

¹ A two-handle control valve with hot on the left and cold on the right does not meet this standard. Typically, the ASSE 1016 standard will be stamped or otherwise marked on the valve itself.

² A two-handle control valve with hot on the left and cold on the right does not meet this standard. If the valve is not marked with the ASSE 1016 standard, the manufacturer's literature should indicate that the control valve conforms to ASME A112.18.1 and is of the "automatic compensating" type.

³ This can be installed at the source, at the point of use, or anywhere in between. A dual listed device installed at the source which conforms to both ASSE 1017 and ASSE 1070 is acceptable and shall be installed per the manufacturer's installation instructions.

⁴ This can be installed at the source, at the point of use, or anywhere in between. A dual listed device installed at the source which conforms to both ASSE 1017 and CSA B125.3 is acceptable and shall be installed per the manufacturer's installation instructions.

⁵ A fixed shower riser is a shower outlet that is designed to be used in a typical stand-up type shower application. This may also include a handheld shower that is fixed to a hook, bar, or similar support such that the shower wand is not within reach of a bather while sitting in the bathtub. Thus, it is designed to be used in a standup type shower application without the need to hold the shower wand during use.

⁶ The handheld shower does not meet the description of a fixed shower riser as described in Footnote #5.