

BENEFITS OF USING HONEYWELL SPARCOMIX™ THERMOSTATIC ANTI-SCALD/ANTI-CHILL MIXING VALVES FOR RESIDENTIAL DOMESTIC WATER SYSTEMS

Safe and more comfortable

- Anti-scald, anti-chill thermal shock protection
- Extends supply of hot water at constant temperature under changing operating conditions

Healthier

- Higher storage temperature controls Legionella bacteria growth

Meets plumbing codes

- Dual certification meets and exceeds code requirements
- Contact your contractor for local code requirements



PHCC does not endorse this product

Honeywell-Water Controls

65 Access Road, Warwick, Rhode Island 02886 USA
Phone: (401) 738-4290 Fax: (401) 738-4156
www.honeywellwatercontrols.com



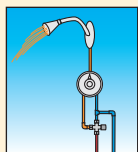
Provide
safe comfort
for your family
with constantly controlled hot
water temperature and
available supply.

INSTALL THE HONEYWELL SPARCOMIX™ THERMOSTATIC ANTI-SCALD/ANTI-CHILL MIXING VALVE FOR INSTANTANEOUSLY CONTROLLED WATER TEMPERATURE.

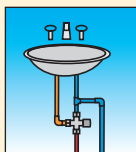
Protects against changes in water temperature.

The SPARCOMIX™ mixing valve safely controls water flow and temperature. The thermostatic element in the valve senses change in water temperature and adjusts the mixed ratio to maintain a safe water temperature.

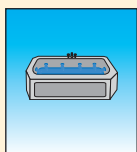
SHOWER, SINK, OR HOT TUB FOR POINT OF USE



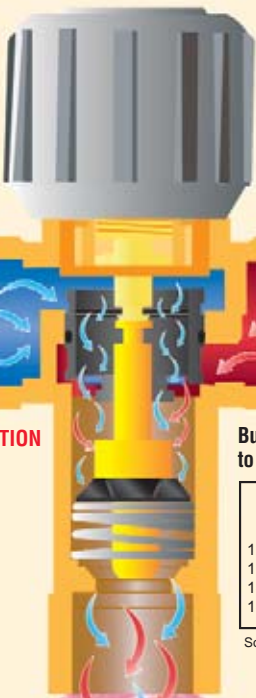
Shower



Sink



Hot Tub



LEGIONELLA BACTERIA GROWTH CONTROL

Water stored at 140°F (60°C) or above requires a mixing valve to ensure safe hot water temperature for your home. This higher storage temperature controls the growth of Legionella bacteria. The Honeywell SPARCOMIX™ reduces the 140°F storage temperature to the safe temperature of 110°F (43.3°C) for all hot water needs throughout your house.



Legionella Growth
Up to 120°F

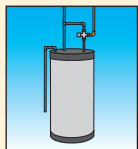


Legionella Growth Controlled
Over 140°F

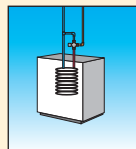
Cold Water In

Hot Water In

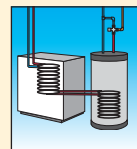
HOT WATER SOURCE FOR WHOLE HOUSE PROTECTION



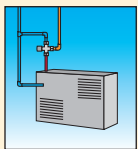
Water Heater



Tankless Coil Water Heater



Indirect Water Heater



Wall Hung Water Heater



Burn chart showing the short amount of time it takes to get burned with hot water.

°F Temp. of Water	Minimum Time for 1st Degree Burn	Minimum Time for 2nd or 3rd Degree Burn
122°F - 50°C	1 minute	5 minutes
131°F - 55°C	5 seconds	25 seconds
140°F - 60°C	2 seconds	5 seconds
149°F - 65°C	1 second	2 seconds

Source: John Hopkins University

The SPARCOMIX™ prevents scalding and thermal shock. These are potential hazards in a sink, or tub and shower, with children and the elderly more at risk.

Mixed water out
for safety and comfort.

