



**THEM-OMEGA-TECH**

**ISO 9001 CERTIFIED**

# SPARCO-MIX VALVE

MIXING/DIVERTING VALVE FOR TEMPERED WATER

**FREEZE PROBLEMS?**

**CALL THE GURU 1-877-FRZ-VALVE**

## DESIGN FEATURES

- ◆ Constant output temperature
- ◆ Proportioning valve (simultaneous control of hot & cold fluids)
- ◆ Energy savings through lower supply temperatures
- ◆ Control of hot fluid, up to and including full shutoff
- ◆ Anti-scald protection
- ◆ Tamper-resistant temperature lock at any point
- ◆ Nickel-plated bronze construction, EPDM O-rings
- ◆ Designed for easy maintenance
- ◆ Can be installed in any position
- ◆ Tested and certified under ANSI/ASSE 1017



## ADVANTAGES

The **SPARCO-MIX VALVE** has a precise temperature output with varying input temperatures, even in recirculation systems. It has a fast response with no setpoint drift.

**SPARCO-MIX** valves offer anti-scald, anti-chill protection, as required by many new plumbing codes. **SPARCO-MIX** valves are factory tested and calibrated, but they can be field adjusted within the operating range of the sensor/controller. The temperature can also be adjusted to your particular needs and locked.

## OPERATION

**SPARCO-MIX** valves simultaneously control both hot and cold ports, to automatically and accurately proportion the flow in response to fluid temperature. On loss of cold or hot fluid supply the flow rate is reduced to a trickle. For fast response, these valves are compact and low mass.

For mixing applications, the **SPARCO-MIX** valve will proportion the flow from two inlet ports to produce the desired outlet port temperature.

For diverting applications, the **SPARCO-MIX** valve will divert the inlet flow to either of two outlet ports depending on the fluid temperature.

