

**Product Specification**

**LEAD FREE\***

**Features ■**

- Features Lead Free\* construction to comply with Lead Free\* installation requirements.
- Paraffin-based advanced thermal actuation technology to sense and adjust outlet temperature
- Dirt and lime resistant poppet and seat design
- Virtual shutoff if supply pressure fails
- Vandal-resistant locking mechanism to secure temperature setting
- Factory tested as a complete unit
- Pressure/Temperature Gauge ball valves

**Specifications ■**

- Connections ..... See chart on reverse
- Maximum Hot Water Supply Temperature ... 200°F (93°C)
- Minimum Hot Water Supply Temperature\*\* .. 5°F (3°C) Above Set Point
- Minimum Flow\*\*\* ..... 0.5 gpm (1.9 lpm)
- Maximum Operating Pressure ..... 125psi (861 kPa)
- Temperature Adjustment Range\*\*\*\* ..... 90 – 160°F (32 – 71°C)
- Hot Water Inlet Temperature Range ..... 120 – 180°F (49 – 82°C)
- Cold Water Inlet Temperature Range ..... 40 – 80°F (4 – 27°C)
- Listing/Compliance (Valve Only) ..... ASSE 1017, CSA B125

\* The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight.

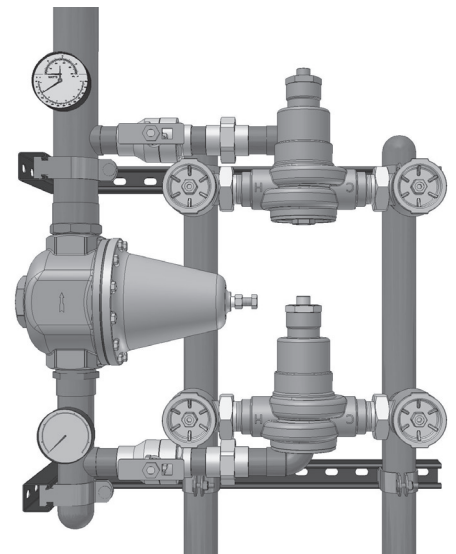
\*\* With Equal Pressure

\*\*\* Minimum flow when Hi/Lo valve is installed at or near hot water source recirculating tempered water with a properly sized continuously operating recirculating pump.

\*\*\*\* Note: Low limit cannot be less than the cold water temperature. For best operation, hot water should be at least 5°F (3°C) above desired set point.

**Capacity ■**

Flow Capacity at 50-50 Mixed Ratio								
		Pressure Drop Across Valve						
Model	Min. Flow to ASSE 1017	Cv	5psi (34 kPa)	10psi (69 kPa)	20psi (138 kPa)	30psi (207 kPa)	45psi (310 kPa)	60psi (414 kPa)
LFSH1432HL	1 gpm	30.0	67 gpm	95 gpm	134 gpm	164 gpm	201 gpm	232 gpm
	4 lpm		254 lpm	360 lpm	507 lpm	621 lpm	761 lpm	878 lpm
LFSH1434HL	1 gpm	40.4	90 gpm	128 gpm	181 gpm	221 gpm	271 gpm	313 gpm
	4 lpm		341 lpm	485 lpm	685 lpm	837 lpm	1026 lpm	1185 lpm



Advanced Thermal Actuation

