DATA SUBMITTAL

Intamix Tank Maximizer
Thermostatic Mixing Valve

Date: 9/25

Models: ZMIX (ZTM7550G)

Job Name: _____

Job Location:_____

_____

Engineer: _____

Contractor: _____

Sales Rep.:_____

Submitted By: Date:

Approved By: Date:

Order No.:_____   Date:

Notes:_____

_____

_____

Description

The Zilmet Intamix Tank Maximizer is installed on a water heater and will allow the water heater to safely operate at a higher set point. Two benefits are: (1) more usable hot water from your water heater, (2) higher temperature to kill water-borne bacteria.
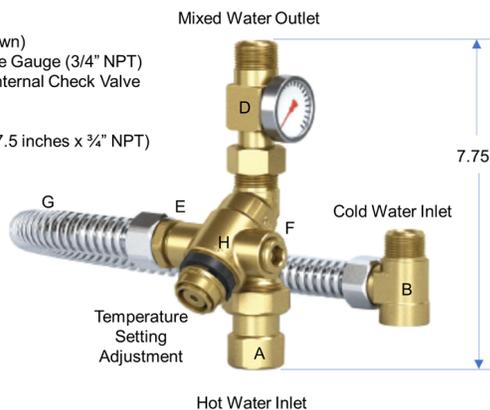
Product Features

- Internal non-return valve and stainless steel mesh screen
- Two recirculation loop ports
- Temperature locking hex for tamper resistance
- Swivel connection for flexibility
- Maximizes usable hot water from water heater
- Allows super heating of water above 140F to prevent bacteria growth such as legionella
- Thermal shutoff for fail-safe operation

Performance Conditions

Temperature Adjustment Range: 95-140F
Factory Set Temperature: 120F (ASSE1070)
Maximum Inlet Temperature: 195F Minimum Inlet Temperature: 41F Minimum deltaT between inlet/outlet: 50F Maximum Inlet Pressure (static): 150psi Maximum Inlet Pressure (dynamic): 75psi Minimum Flow Rate: 1.2gpm

Industry Codes:

- Factory set per ASSE 1070 ASME A112.1070 / CSA B125.70
- ASSE 1017 CSA B125.70
- NSF/ANSI 372
- NSF/ANSI 61

A – Swivel Union Connector (3/4" NPT)
B – Cold Water Tee (1/2" NPT)
C – Rubber Gasket and Screen (not shown)
D – Mixed Water Outlet with Temperature Gauge (3/4" NPT)
E – Reversible Cold/Recirculation with Internal Check Valve and Screen
F – Reversible Port Plug (1/2" NPT)
G – Corrugated Stainless Steel Hose (17.5 inches x ¾" NPT)
H – Security Clip (set for ASSE1070)

Pressure Drop Curve

Flow graph