

MIX-135-A

Lead Free

► **Description**

Below Deck Thermostatic Water Mixing Valve for use with a single Sloan Optima® faucet.

► **Model**

□ Model MIX-135-A

Supplied with Sloan Optima® and Optima Plus® faucets that are specified with the "BDT" (Below Deck Thermostatic) variation, or available separately.

► **Specifications**

Thermostatic Water Mixing Valve with the following features:

- Designed for under-the-lavatory applications where the outlet temperature of hot water must be controlled for safe, economic use.
- Installs in place of the Tee fitting supplied with the faucet prior to the solenoid valve
- Designed to quickly sense and compensate for temperature fluctuations induced by water temperature and pressure changes in the supply line
- Rugged construction features solid brass valve body and corrosion resistant internal components
- Lead Free brass body for durability and to comply with Lead Free installation requirements
- Water temperature adjustment stem with lock nut to prevent tampering
- Equipped with integral check valves at inlets
- 3/8" compression connection on inlets and outlet
- Tempering valve constructed of Lead Free brass material
- Integral Bak-Chek with screens
- Meets all the performance standards of ASSE 1016, ASSE 1070 and CSA B125

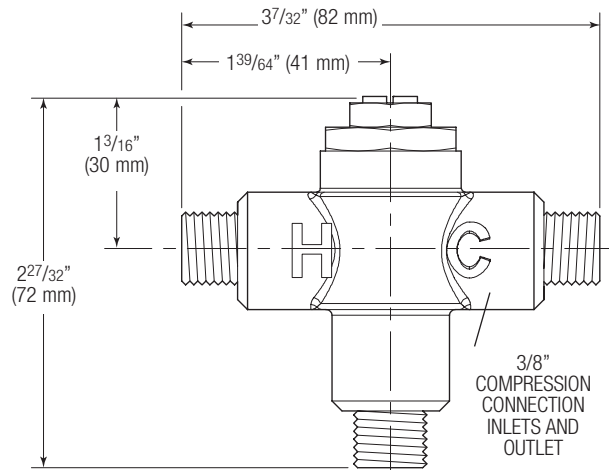
- Capacity — standard: 4.0 gpm (15.0 Lpm) †
- Approach Temperature: 5° F (2.8° C) above set point
- Maximum Operating Pressure: 125 PSI (862 kPa)
- Maximum Static Pressure: 125 PSI (862 kPa)
- Maximum Hot Water Temperature: 180° F (82° C)
- Maximum Pressure Differential between Water Supplies: 25%
- Temperature Adjustment: 80°-120° F (27°-49° C)
- Checks Integral with Screens
- Construction Lead Free Brass Body
- Minimum flow — standard: 0.5 gpm (2.2 Lpm)
- Factory set: 105° F (40° C)

The MIX-135-A Thermostatic Tempering Valve meets the above operating conditions as stated in ASSE 1016 (45 PSI differential (310 kPa)), with hot water supply between 140°-180° F (60°-82° C), cold water supply less than 70° F (21° C). If your operating conditions vary from those stated in the standard, performance may vary as well.

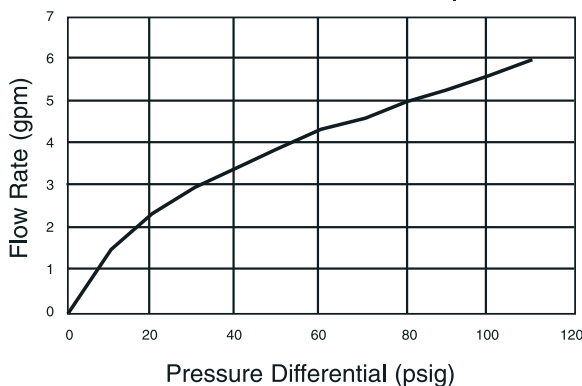
† At 45 PSI differential (310 kPa), with hot water supply between 140°-180° F (60°-82° C).

► **Lead Free**

The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight. Lead Free brass material complies with state codes and standards, where applicable, requiring reduced lead content.



Flow Rate vs. Pressure Drop



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This space for Architect/Engineer approval

Job Name _____ Date _____

Model Specified _____ Quantity _____

Variations Specified _____

Customer/Wholesaler _____

Contractor _____

Architect _____