



SINGLE FIXTURE TEMPERATURE CONTROLLER FOR HAND SINKS K-425

DESCRIPTION:

The **K-425** Thermostatic Mixing Valve is designed to maintain and limit mixed hot water to a desired, selectable temperature. Valve can be set to any temperature between 80°F and 120°F with flow rates as low as 0.5 gpm and as high as 12 gpm (refer to capacity chart on back). This mixing valve series is listed under ASSE 1017 for valves used in hot water source applications, ASSE 1069 for single-pipe, tempered water applications and ASSE 1070 for valves used in individual or multiple fixture applications and also listed IAPMO cUPC. The **K-425** feature Lead Free* construction to comply with Lead Free* installation requirements.

*** The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.**

FEATURES:

- Lead Free* cast copper silicon alloy body construction
- Solid wax hydraulic principle thermostat assures dependable mixing of hot and cold water
- Thermostat controls both hot and cold water
- Solder, threaded, PEX or CPVC, Quick-Connect end connection models available
- Adjustment cap with locking feature
- ASSE 1017 listed
- ASSE 1069 listed
- ASSE 1070 listed
- IAPMO cUPC listed
- Integral filter washers and check valves

MATERIAL:

Body: Lead Free* cast copper silicon alloy

Disc: Stainless steel

Thermostat Assembly: Copper

O-rings: Buna-N; EPDM

Pistons: Polysulfone (PSU)

Springs: Stainless Steel

PRESSURE - TEMPERATURE - FLOW RATE:

Minimum Supply Pressure Static: 30psi (207 kPa)

Inlet Temperatures: hot inlet, 120°F – 180°F (49°C – 82°C),
cold inlet, 39°F – 85°F (4°C – 29°C)

Hot Water Inlet to Outlet Differential Temperature: 5°F (3°C)
above set point

Temperature Out: Field range: 80°F – 120°F (27°C – 49°C),
adjustable. Accurate within ±3°F (1.7°C)

Maximum Temperature: 200°F (93°C)

Maximum Pressure: 150psi (1034 kPa)

Minimum Flow: 0.5 gpm (1.9 lpm) @ 0.8psi (0.55 kPa)†

Maximum Flow: 20 gpm (76 lpm) @ 125psi (862 kPa)†

Maximum Pressure Differential between Hot & Cold Water Supplies: 25%

APPROVALS:

ASSE 1017, ASSE 1069, ASSE 1070 and IAPMO cUPC

† When tested in accordance with ASSE 1017, ASSE 1069 & ASSE 1070

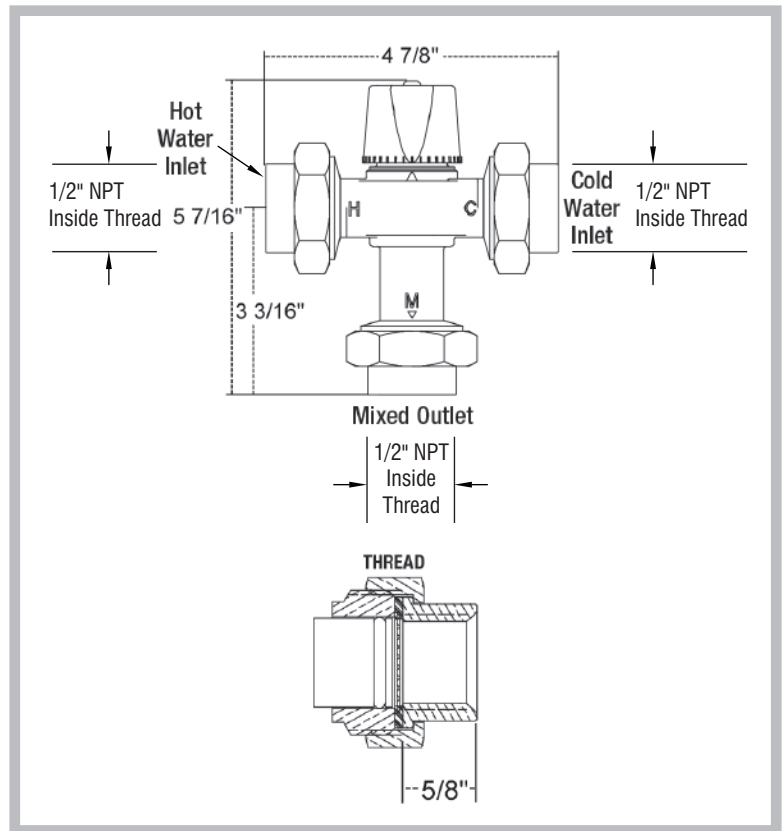
Item #: _____ Qty #: _____
Model #: _____
Project #: _____



DIMENSIONS and SPECIFICATIONS

TOL ± .500"

ALL DIMENSIONS ARE TYPICAL



Customer Service Available To Assist You 1-800-645-3166 8:30 am - 7:00 pm E.S.T.

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