



ISO 9001 Certified

# HBL-03-LR

ASSE 1070

## Lead Free Thermostatic Mixing Valve

The HBL-03 Thermostatic Mixing Valve 3/8" (10mm) compression with checks included within inlets is a point of use mechanical mixing valve with a high temperature limit stop with automatic reset. It has the means to adjust outlet temperature. Valve construction will include a bronze body and integral back flow checks.

### Features

- Automatically shuts down flow of water when temperature reaches 120°F.
- Protects against scalding and chilling.
- Offers choice of temperature settings from full cold through 115°F.
- Easy installation.

### Applications

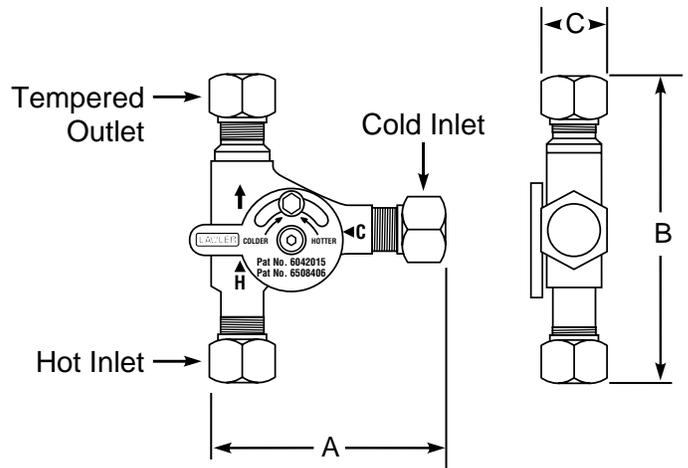
The unit is intended for under sink installation to control the hot water temperature and minimize the occurrence of accidental scalding. The water temperature must be adjusted by the installer using a thermometer to measure the hot water temperature at the faucet outlet. Maximum temperature of 105°F (41°C) is recommended.

### Specifications

- Hot water supply temperature: 140°F max.
- Water supply pressure (static): 125 psi max.
- Flow rate @ 45 psi: 2.1 gal/minute min.
- Shut off temperature: 118°F +/-3°F.
- Min. operating pressure: 5 psi.
- Min. flow rate: .25 GPM.
- Integral rubber duck-bill back-flow checks.
- Pressure must be equal between supplies.

### Temperature Adjustment

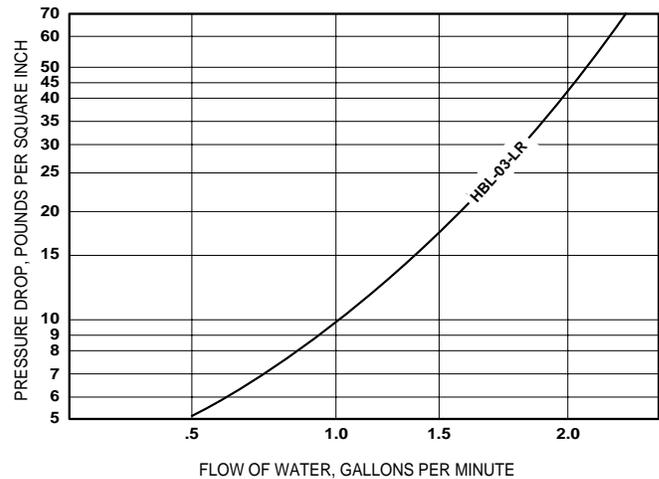
The temperature adjusting dial is located on the cold inlet. Turning the dial clockwise will lower the outlet temperature, turning the dial counter-clockwise will raise it. The valve cannot be adjusted above its shut-off temperature of 120°F.



### DIMENSIONS:

Valve Number	A	B	C
HBL-03-LR	2 1/8"	3 5/16"	7/8"

FLOW CAPACITIES SINGLE STAGE - HBL-03-LR



### Approval



ASSE 1070

Listing: ASSE 1070

Approval Standards: ASSE 1070, CSA B125.3

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