

# THERMOSTATIC CARTRIDGE



**CL501X**



**CL501X-2**



**CL501XB**



**CL501XB-2**



**CL201A**



**CL201X**

# PRODUCT FEATURES



## Care Instruction

When cleaning chromed products use only a mild detergent, rinse & wipe dry with a soft cloth. Ideally clean after each use to maintain appearance. Never use abrasive, scouring powders or scrapers. Never use cleaning agents containing alcohol, ammonia, hydrochloric acid, sulphuric acid, nitric acid, phosphoric acid or organic solvents. Use of incorrect cleaning products / methods may result in chrome damage which is not covered by the manufacturer's guarantee.

## TROUBLE SHOOTING

### Poor Flow of Water

1. Check that you have adequate water pressure.
2. Check for debris in the water inlet.
3. Check for Lime Scaling, remove the mixer/thermostat control and descale if needed(this will be required more often in Hard Water Areas).

### Poor temperature control

#### Too much hot or cold water

1. Check that your water supply is properly balanced.
2. Check for Lime Scaling, remove the mixer/thermostat control and descale if needed(this will be required more often in Hard Water Areas).
3. Check the water supply for blockages ,Remove filters and clean, check that the inlets are installed correctly---Hot on the left/Cold on the right.

#### Only hot or cold water from mixer outlet

1. Check the water supply for blockages. Remove filters and clean, check that the inlets are installed correctly---Hot on the left/Cold on the right.
2. Remove and check the condition of the thermostatic cartridge, Remove filters and clean.

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## Thermostatic Faucet Test Procedure

1. Recommended Pressure: 0.1-5bars
2. Inlet cold water temperature: 10-15°C
3. Inlet hot water temperature: 50-65°C
4. Safety stop: 38°C at 3 bars
5. Static pressure: Max.10bars

### Material of Cartridge

1. Body H59/PPS/PSU
2. Inlet strainers: SS304
3. Seals: EPDM/Silica gel
4. Cartridge strainers: SS304

### Test

Valve need to be tested 100% before sale.

1. Air-tightness at 6 bars to 8 bars on the raw body with thread.
2. Leak-tightness test of hot and cold water.
3. The mixed water temperature test.
4. Locate plastic ring for 38°C .
5. Failure supply safety test.
6. Air-tightness at 6 bars to 8 bars.

### Cold water supply failure test

The volume collected in the first period of 5 s shall not exceed 200 ml. The volume collected in the second period of 30 s shall not exceed 300 ml. Upon temperature stabilization after cold supply restoration the outlet temperature shall not differ by more than 2 K from the set temperature.

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