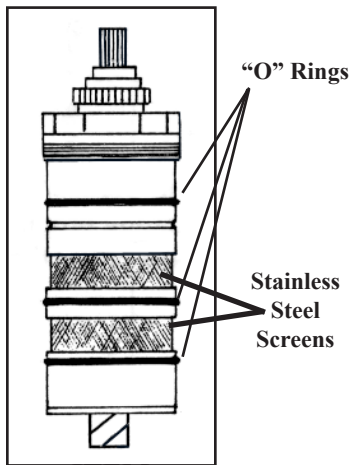


Min. Operating Pressure: 20 psi
Max. Operating Pressure: 75psi
 If pressure exceeds 75psi, a pressure regulator must be installed. Operating pressures for HOT and COLD lines should be kept balanced.



ITEM #TH-VCAR

TESTING THE CARTRIDGE

To test the cartridge:

- 1) Turn the temperature control handle to 100 degrees (red button up).
- 2) Turn off the COLD water supply. If operating properly, the cartridge will shut down the HOT water supply.
- 3) Now, repeat the above procedures, but turn off the HOT water supply. The cartridge will shut down the COLD water supply.

If the cartridge fails the test, it is defective and must be replaced. It can not be repaired.

CLEANING THE CARTRIDGE

Cartridges will need to be cleaned from time to time, when the water flow begins to be reduced, the temperature mixing becomes inaccurate or the handle becomes difficult to turn.

To clean the cartridge:

- 1) Remove the cover plate, decorative handle and the temperature control handle.
- 2) Remove the white plastic ring.
- 3) Turn off the HOT and COLD water by turning the screws at the integral stop covers.
- 4) Using a wrench, unscrew the cartridge, turning counterclockwise.
- 5) Remove the cartridge and rinse under running water. If there is mineral buildup, soak the cartridge in vinegar to soften the minerals and remove with a bristle brush.
- 6) Grease the “O” rings, reinstall into the valve and re-calibrate the temperature setting at 100 degrees. (See instructions on the other side of this sheet).