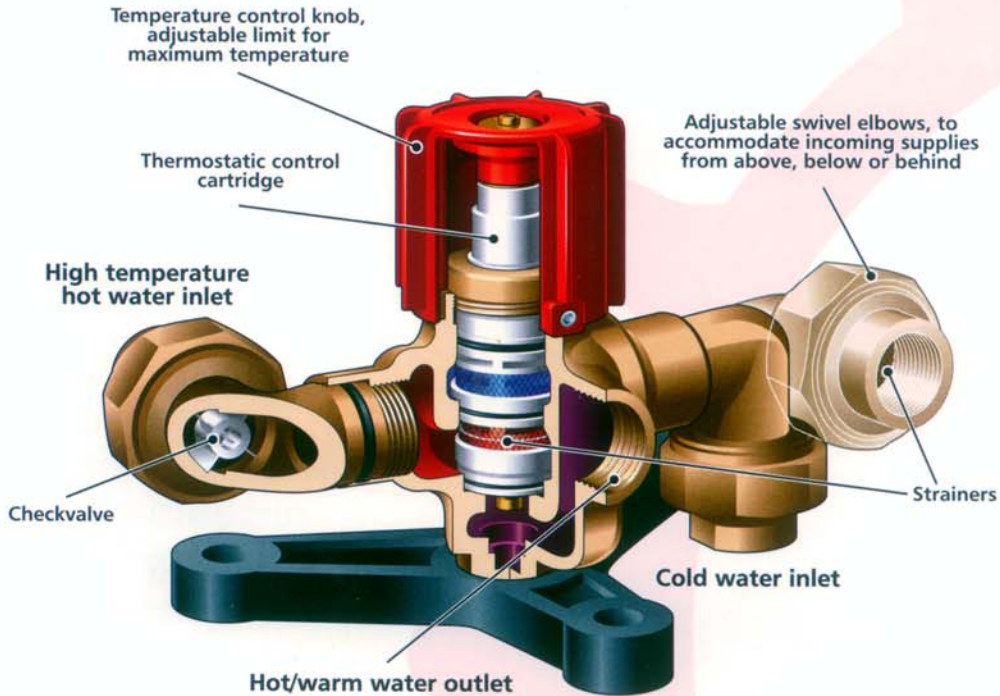




MV-3000 THERMOSTATIC MIXING VALVE



Dynafluid MV-3000® – Always in Control

The Dynafluid MV-3000 is a thermostatic valve that can be adjusted from full cold up to the factory set maximum of 140° F and, in normal conditions, the temperature is held within +/- 5° F.

A manual override can increase the outlet temperature to a maximum of 160° F for particularly demanding cleaning operations that require water of a higher temperature.

In the event of failure of the cold water supply, the valve will shut down within five seconds, preventing high temperature hot water from being discharged.

Flow Rates

Flow rates through the valve will depend on the difference between the incoming pressure and the backpressure caused by

outlet restrictions (known as the pressure loss). The pressure loss/flow rate details are as follows:

Pressure loss (psi)	10	20	30	40	50	60	70	80	90
Flow rate (gpm)	6	8.5	10	12	13	14.5	16	17.5	19

Inlet temperature must be at least 20° F higher than desired outlet temperature.

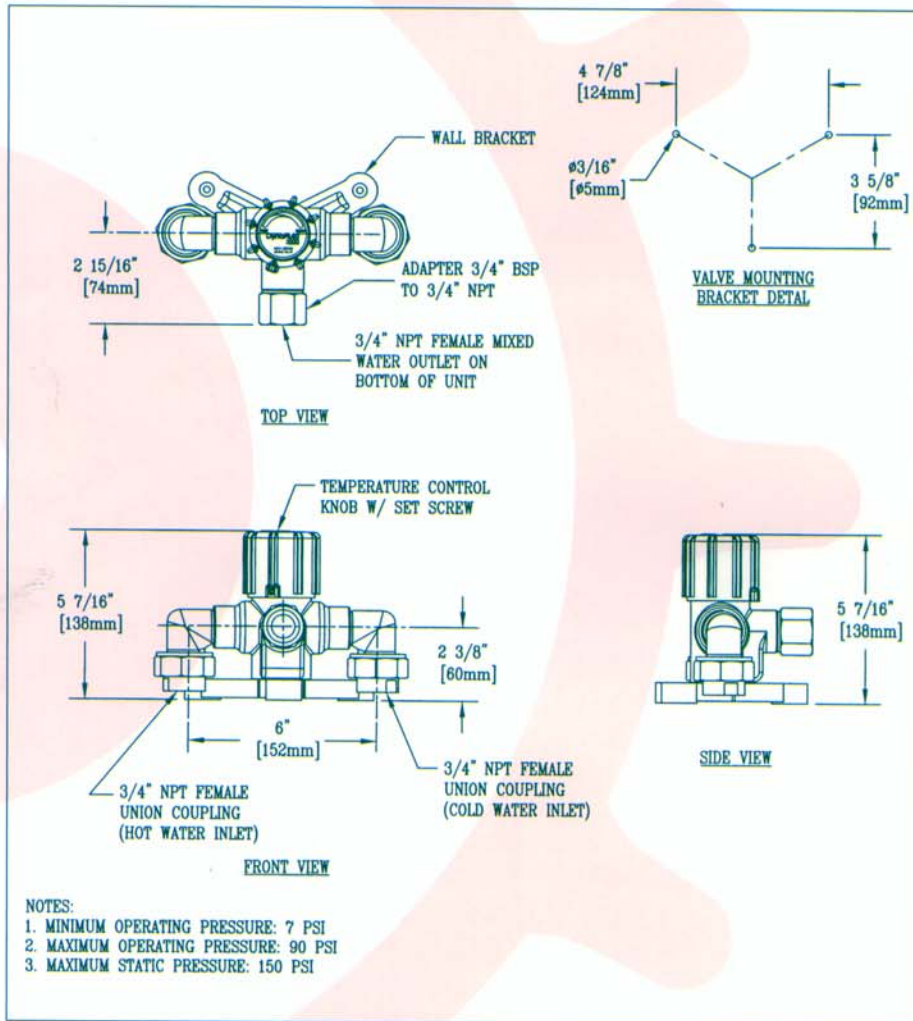


MV-3000 THERMOSTATIC MIXING VALVE



Dimensional Drawings for MV-3000-C and MV-3000-N

Tough and Built to Last



This valve is specifically designed to operate in the harshest industrial environments.

The main valve body is cast in gunmetal and the large adjustment knob and mounting bracket are made of a glass filled polymer. Inside, the thermostatic and check valve cartridges are made of heat resistant thermoplastic polymers. The MV-3000 operates over a range of 7 PSI to 90 PSI operating pressure and 150 PSI static pressure.

Connections are industry standard 3/4" NPT female threads, with 6" (150mm) pipe centers.