

## TM-26-LF-DT-RF-R34

### Leonard Bi-Metal Master Mixing Valve Specification

1. TM-26-LF-DT-RF-R34 Bi-Metal Valve for domestic hot water applications
  - A. Mixing Valve shall comply with National Low Lead Laws @< .25% Lead
  - B. Mixing Valve shall be 1017 certified
  - C. DURA-trol® solid bimetal thermostat Directly linked to valve porting to control the intake of hot and cold water and compensate for supply temperature and pressure fluctuations.
  - D. TM Series valves are not dependent upon a circulating pump to achieve minimum flow performance
  - E. The valve will maintain temperature with 0.5gpm flow from the domestic hot water loop when properly installed near the hot water source with continuously operating recirculation pump.
  - F. TM-26-LF-DT-RF-R34 shall:
    1. Have ¾" inlet and ¾" outlet connections
    2. Flow 1-26 GPM (3.7-98 l/min)
    3. Have temperature range of 60-180 degrees Fahrenheit
    4. Have integral stop/check valves
    5. Integral wall support for easy mounting
    6. Have locking temperature regulator handle to prevent accidental movement
    7. Color coded dial thermometer
  - G. TM-26-LF-DT-RF-R34 shall be strut mounted and include ¾" check valves, full port ball valves on recirculation loop tie-in and a ¾" check valve and full port ball valve on the cold-water Inlet and ¾" full port ball valve provided on hot water inlet, and a ¾" full port ball valve provided on the outlet of mixing valve.
  - H. Options
    1. Inlet Thermometers
      - A. IT Suffix
    2. Test Connection
      - A. TC Suffix
    3. Return Limiter in place of thermostatic balance valve
      - A. RL
    4. Cabinet
      - A. Exposed Only
        1. Stainless Steel
        2. Baked White Enamel