

TMVs: scald safety vs Legionella

Keep the system hot for Legionella control; protect the user locally, and measure the right point.

What it's doing

- Blends hot and cold to a safe delivery temperature
- That blended water sits in the 20–45 °C growth band
- Fit close to the outlet; keep the blended run short

Measure here

- ✓ Check the HOT supply at the valve inlet: should be hot
- ✓ Check the COLD supply at the inlet: should be cold
- ✓ A warm cold supply can mean a failed check valve
- ✓ Pull low-use TMV outlets into the flushing round

Don't

- ✗ Read the blended outlet and wind the valve up
- ✗ Run the whole system cooler and trust the TMV
- ✗ Forget the accessible bathroom used twice a month

Service & fail-safe

- Inspect, clean and descale the strainers and valve
- Fail-safe test: valve shuts off if cold supply is lost
- Interval set by risk assessment (HTM 04-01 in healthcare)