

Tempering Valve with Right Angle Ball Valves

TVA-ABV

TEMPERING VALVE WITH RIGHT ANGLE BALL VALVES

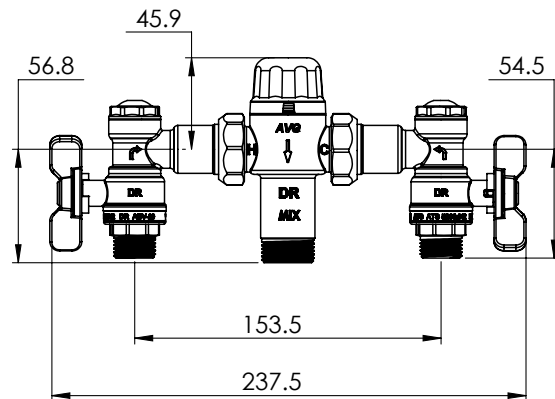
Designed for solar applications and continuous flow heaters. TVA-ABV valves can also be used in all water heater applications as per TVA installation instructions.

PLEASE NOTE: only the High Performance (orange cap) valves are suitable for solar applications.

- Have been upgraded to include high-temperature components.
- Maximum hot water supply temperature 99°C.
- More accurate control: $\pm 3^\circ\text{C}$ from set temperature (to AS4032.2).
- Fast response to pressure fluctuations.
- Forged DR bronze body.
- Advanced polymers for greater resistance to calcium deposits.
- Integral 60 mesh stainless steel line strainers.
- Integral non return valves.
- Stainless steel springs.
- O-ring seal union connectors.
- Tamper proof adjustment.
- Special adjusting tool.
- Seasonal adjustments not required.
- Will supply 50°C mix with 55°C hot supply.
- Water Mark Certification – License No. 20137.



TVA-ABV DIMENSIONS



TVA-ABV SPECIFICATIONS

Cold Water supply temperature:	5°C – 25°C
Hot Water supply temperature:	65°C – 99°C
Adjustable outlet temperature:	40°C – 50°C
Factory set temperature:	50°C normal (must be commissioned onsite by installer)
Accuracy of outlet temperature:	$\pm 3^\circ\text{C}$ – tested to AS4032.2
Min. temperature differential (between hot supply and outlet temperature):	15°C
Supply pressure, static:	1400kPa max.
Supply pressure, dynamic:	500kPa max.
Pressure supply imbalance, dynamic (at time of commissioning):	2:1 max.
Max. permitted pressure variation in either supply in order to control outlet temperature to $\pm 3^\circ\text{C}$ (from supply pressure at commissioning):	$\pm 10\%$ max.
Flow rate min.:	4 litres/min



Available in
Stainless Steel
PLUMBED IN
BOX