

Mixing Valve HI-FLO 25



Australian Valve Group continues to develop new and innovative products which are designed for local conditions and to address the declining water quality issues we are facing in Australia and the effect this is having on waterways within metallic plumbing products. The addition of the HI-FLO mixing valve range is a direct result of industry consultation and the need for a scale and corrosion resistant valve design which not only meets but exceeds the end users requirements.

By incorporating improved efficiencies, ease of installation and serviceability AVG has put the icing on the cake.

The new HI-FLO mixing valve can be supplied as a TVA with 20mm or 25mm connections, a solar version is also available. All valves are supplied with high temperature low opening energy check valve filter assemblies making it perfect for low pressure installations.

The HI-FLO range is supplied tested with the outlet temperature pre set, each valve is subjected to a cold water shut off test as part of the test procedure.

Features

Proudly Australian made and ideal for low pressure applications.

“Just add water”, the HI-FLO mixing valve comes pre assembled in one piece, tested and ready to install.

Complete with loose nut and tail connection fittings for ease of servicing and is also available with optional hot and cold water isolation ball valves.

Operates in any orientation and is suitable for low pressure installations and multiple outlet installations. The HI-FLO comes supplied tested with the mixed water outlet temperature pre-set.

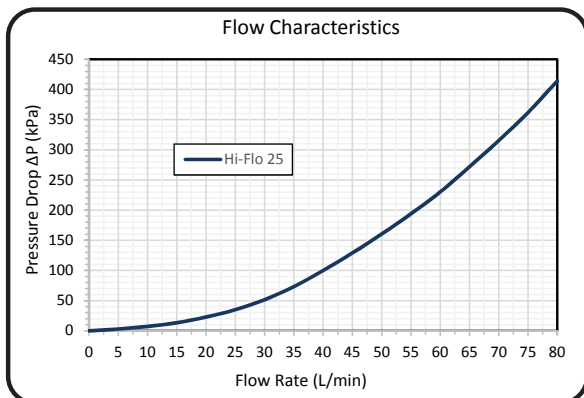
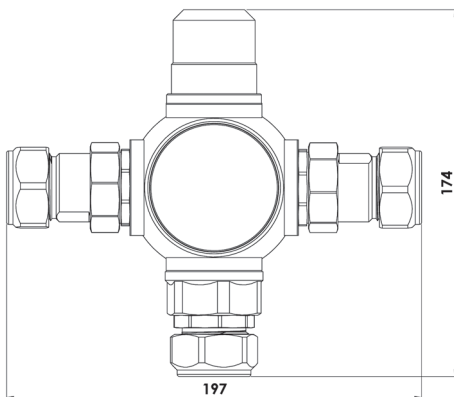
“Cold water shut off”. Each valve cartridge is subjected to a cold water shut off test as part of the test procedure.

Quick and easy serviceable hot and cold filter, check valve and thermostatic assemblies.

Australian Valve Group offer the option of a concealed stainless steel box with a lockable door to prevent unauthorised access to the thermostatic mixing valve. The concealed box can be provided plumbed with copper tails or alternatively with male compression connections complete with nuts and olives.

The HI-FLO Thermostatic Mixing Valve is suitable for many applications. The Head loss Characteristic for Mixed Outlet Flow rate versus Balanced Inlet Pressure is shown.

NOTE: It is important that the valve is sized correctly.



MODEL NO.	DESCRIPTION
TVA20-LOW	20mm Tempering Valve Low Pressure
TVA25-LOW	25mm Tempering Valve Low Pressure
TVA20-HF	20mm Tempering Valve High Flow
TVA25-HF	25mm Tempering Valve High Flow

Specifications

Hot and cold inter connectors	Nickel plated DR brass
Mixed outlet connection adaptor	Nickel plated DR brass
Hot and cold inlet connection assemblies	Nickel plated DR brass
Scale and corrosion resistant central waterway	Polymer
Scale/corrosion resistant hot seat	Polymer
Scale/corrosion resistant cold seat	Polymer
Scale/corrosion resistant thermostatic piston seal	Polymer
Scale/corrosion resistant check valves	Polymer
Corrosion resistant filters	Stainless Steel
Inlet/Outlet size options	3/4" and optional 1"
Temperature adjustment range	40°C - 50°C (Disinfection setting) Legionella control
Factory pre-set temperatures	40°C or 50°C or 55°C
Temperature control	+/- 2°C
Hot to Mix Temperature Differential for effective cold water isolation	Minimum 15°C
Maximum pressure	1000 kPa
Dynamic pressure range	20 kPa - 500 kPa
Minimum flow rate	4 litres/min

DISCLAIMER: Every care has been taken in the preparation of these instructions, which have been issued as a guide only. Compliance with the requirements of local Authorities is required at all times. These requirements may change from time to time. Always be aware of the local requirements. Subject to any statutory obligations and manufacturers warranties no liability can be accepted for any losses, consequential or otherwise which may arise or be said to have arisen from relying upon the contents of this installation instruction as to the fitness of any particular product for any particular purpose, use or application. The Australian Valve Group Pty Ltd reserves the right to modify designs and specifications and to withdraw and introduce products at any time without notice.