

# Aquablend 500 Mini Thermostatic Mixing Valve

The enhanced Aquablend 500 Mini TMV is the latest in Enware's range of original products made better.

The enhanced Aquablend Mini is ideal for single point applications, and now incorporates an integrated cold water bypass. This means when connecting below a mixer tap, no additional tee-piece is needed after the control valve, saving time and money for the installer.

The lift-lever thermal flush function is built in to ensure simple and fast thermal disinfection across the full temperature range which is especially important in health applications.

Supplied complete with an improved wall mounting bracket, plug and cap for when the bypass is not in use and comprehensive install instructions.

The New Aquablend Mini is manufactured from Low Lead content brass.

## KEY FEATURES

- Integrated Cold Water bypass
- Aquablend Thermal Flush lift lever function incorporated within the headworks
- Suitable for Hot Water Temperature from 50 °C (min 7 °C differential to outlet set temp.)
- Ultra Compact with bright chrome plated finish.
- Includes integral non-return valves and strainers
- Includes wall mounting bracket
- 1/2" BSP MI inlet/ outlet connections with compression nuts and olives
- Low Lead content brass manufacture
- Comprehensive install/ commissioning manual

Due to ongoing Research and Development, specifications may change without notice.

Component specifications may change on some export models.

Refer to warranty statement for warranty details - [www.enware.com.au/warranty](http://www.enware.com.au/warranty).

Products are to be installed in accordance with the Plumbing Code of Australia and AS/NZS3500.

Reference should also be made to the Australasian Health Facility Guidelines (AHFG), ABCB and Local Government regulations when considering the choice of, and the installation of these products.



## PRODUCT CODE

ATM500L

Aquablend: 500 Mini Thermostatic Mixing Valve



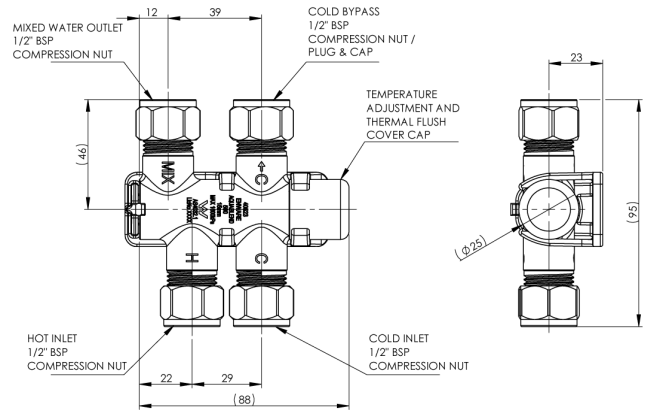
# Aquablend 500 Mini Thermostatic Mixing Valve

## TECHNICAL DATA

|                                  |   |
|----------------------------------|---|
| Thermostatic Temperature Range   | Min 35°C Max 45°C (+/- 2°C)<br>Set during installation/ commissioning   |
| Dynamic Inlet Pressures*         | Min 20 kPa Max 500 kPa  |
| Static Inlet Pressure            | Max. 1600kPa<br>For testing purposes/ system commissioning  |
| Hot Temperature Supply Range     | Min 50°C Max 90°C   |
| Cold Temperature Supply Range ^  | Min 5°C Max 30°C  |
| Minimum Temperature Differential | 7°C<br>Between hot supply and outlet mix temperature, required to ensure correct function of valve  |
| Inlet Pressure Ratio             | H - PL = H¹<br>C - PL = C¹<br>H¹ : C¹ = Max 10:1<br>C¹ : H¹ = Max 10:1<br>H = Hot inlet pressure<br>C = Cold inlet pressure<br>PL = Pressure Loss |
| Inlet Connection                 | 1/2" BSP MI with compression nuts   |
| Outlet Connection                | 1/2" BSP MI with compression nuts   |
| Minimum Flow Rate                | Min. 2 L/min  |
| Maximum Flow Rate                | 12 L/min@300 kPa pressure loss as per flow sizing graph   |
| Valve Material                   | Nickel plated lead-free brass   |

\* AS3500.4-2021 Clause 10.4.2 - 10% maximum dynamic pressure differential between hot and cold supplies

^ Where cold inlet temperature may exceed recommended range due to seasonal variation, a 5°C temperature differential between the inlet cold supply and outlet mixed temperature setting must be maintained.



Installation Example:  
Single Lever Mixer on Basin

