

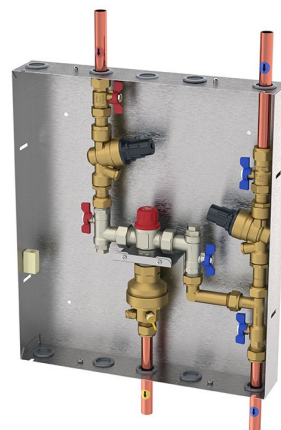
# Aquablend 1500 TMV - Lift Lever Thermal Flush - in 430x500 SS Cabinet - HW/CW Inlets at Top. CW BYPASS/WW Pipes at Bottom and PRVs on inlets - Smartflow - No Lid

Aquablend 1500 Thermostatic Mixing Valve Pre-Plumbed in Stainless Steel Recess Wall Cabinet.

The proven performance, reliability and low 'whole of life' cost makes Aquablend a popular choice with specifiers, engineers, plumbers and property owners. With the inclusion of the thermal flush feature, maintaining a healthy water service has never been easier.

Suitable for health and general applications.

NSW Health approval for use in healthcare in NSW.



## KEY FEATURES

- Lift Lever Thermal Flush activation incorporated within the headworks for faster, safer, more efficient thermal disinfection capability
- Manufactured from Lead Free brass components - including bypass fittings
- Scald and thermal shock protection with rapid thermal shut-off should either the cold or hot water supply fail
- Highly responsive temperature control, maintaining outlet temperature within +/- 2°C under changing inlet temperature and pressure conditions
- Delivers high flow at low pressure loss
- Supplied complete with isolating valves, non-return valves and dual stage strainers incorporating temperature/pressure test ports
- Includes Watts 20mm PRV's to Hot and Cold Inlets. Adjustable set at 400kPa. Helps prevent excursion outside AS/NZS3500 pressure recommendations
- Hot and Cold Inlets through top of cabinet with Warm and Cold Bypass at bottom suits reticulated supply of Hot and Cold water at high level
- Straight-through Cold Water bypass provides cold water isolation valve for adjacent connected fixtures, within the cabinet space
- Pipework is designed to reduce flow restrictions and minimise bacterial capture points to reduce the risk of bacterial contamination
- Smartflow enabled with mixing chamber and probe for connection to Smartflow Warm Water Monitoring System
- Flexible installation - can be upside down or sideways, inlet and outlet connections may be rotated to suit pipework design
- Suitable stainless steel lid options available:
  - ATMSHL-430 - Hinged Lid with wall flange
  - ATMSSEC-430 - Secure/Heavy Duty Lid
- Standards licensed to AS4032.1 - Thermostatic Mixing Valves
- NSW Health Approved

## PRODUCT CODE

|                  |                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ATMS718PRVSF-430 | Aquablend 1500 TMV - Lift Lever Thermal Flush - in 430x500 SS Cabinet - HW/CW Inlets at Top. CW BYPASS/WW Pipes at Bottom and PRVs on inlets - Smartflow - No Lid |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|



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.

Version 06 May 2025

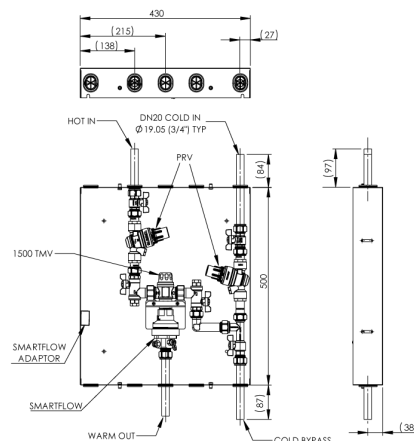
1300 369 273 | [info@enware.com.au](mailto:info@enware.com.au) | [enware.com.au](http://enware.com.au)

**ENWARE**  
A WATTS Brand

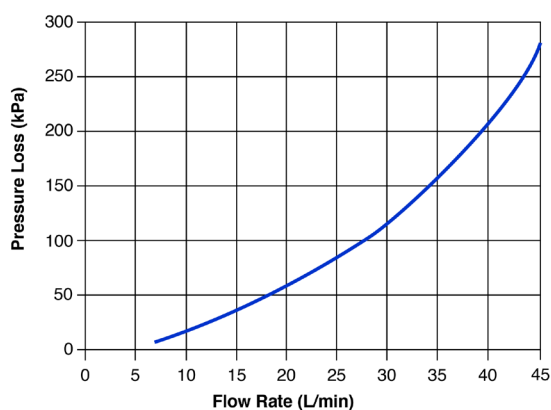
# Aquablend 1500 TMV - Lift Lever Thermal Flush - in 430x500 SS Cabinet - HW/CW Inlets at Top. CW BYPASS/WW Pipes at Bottom and PRVs on inlets - Smartflow - No Lid

## TECHNICAL DATA

|                                                                                                                                                                                                              |                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Thermostatic Temperature Range                                                                                                                                                                               | Min 35°C Max 48°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 55°C Max 90°C                                                                                                                                 |
| Cold Temperature Supply Range ^                                                                                                                                                                              | Min 5°C Max 30°C                                                                                                                                  |
| Minimum Temperature Differential                                                                                                                                                                             | 10°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                                                                                                                                                                                             | 20mm (Nom.) OD Copper tails                                                                                                                       |
| Outlet Connection                                                                                                                                                                                            | 20mm (Nom.) OD Copper tails                                                                                                                       |
| Minimum Flow Rate                                                                                                                                                                                            | Min. 2 L/min<br>(Min. 4L/min recommended for stable outlet temperature)                                                                           |
| Maximum Flow Rate (20mm)                                                                                                                                                                                     | 45 L/min<br>(39 L/min@200 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. |                                                                                                                                                   |



## HEAD LOSS CHARACTERISTICS



## CABINET LID OPTIONS

|             |                                                                         |
|-------------|-------------------------------------------------------------------------|
| ATMSHL-430  | Aquablend: Key Lockable Hinged Lid & Surround - Stainless Steel - 430mm |
| ATMSSEC-430 | Heavy Duty Secure Recess Lid - Torx Security Screws - 430mm             |

## SPARE PARTS

|          |                                                                                                                    |
|----------|--------------------------------------------------------------------------------------------------------------------|
| ATMS242L | Spare Parts: Aquablend 5-Year Upgrade Service Kit with Lift Lever - Lead Free                                      |
| ATM714   | Aquablend: 1500 Lead Free Thermostatic Mixing Valve with Thermal Flush Lift Lever - 20mm Inlet with 20/25mm Outlet |