

**SUPERIOR  
MIXING  
VALVES  
THAT  
CONTROL  
TEMPERATURE  
AND  
ENSURE  
SAFETY**



**Thermostatic Mixing Valves**

# AQUABLEND. THE SAFEST WAY TO MIX WATER TO A PRE-SET TEMPERATURE.

Aquablend high-performance Thermostatic Mixing Valves are the only TMVs designed and manufactured in Australia; and are supported by more than five decades of Enware's experience and expertise.



## MEETING AUSTRALIAN LEGISLATION: LEADING THE WORLD'S QUALITY STANDARDS

Enware has long believed that absolute quality is crucial to reliable performance and safety. That's why our Aquablend Thermostatic Mixing Valves are Standards marked to AS4032. They also deliver the world's highest standards of quality and durability to allow for AS3500.4 compliance.

The healthcare preferred models - Aquablend 1500 and Aquablend 2000, have NSW Health Approval for use in public and private healthcare facilities.

In hospitals, hotels, aged care facilities, homes and commercial applications where stable-temperature warm water is required, Aquablend safely delivers to plus or minus 2° Celsius – even under changing temperature and pressure conditions. Safety from scalding



or shock is ensured by Aquablend's thermal shut-off capability in the event of either cold or hot water supply failure.

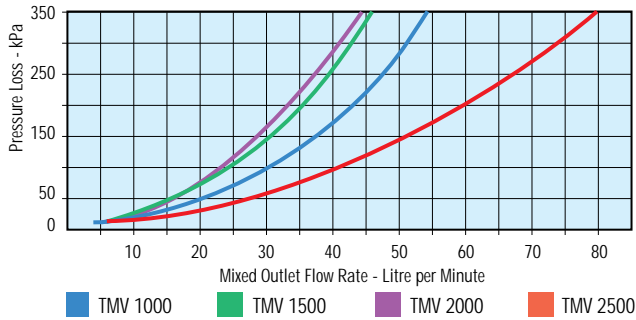
For showers, baths, basins and sinks – especially where there are young children, elderly or disabled people – Aquablend protects against scald injuries and provides superior temperature stability for warm water delivery. For optimum performance and reliability Aquablend TMVs are required to be maintained in accordance with the manufacturer's recommendations as stated in the Manual for Installation, Commissioning and Maintenance provided with each valve.





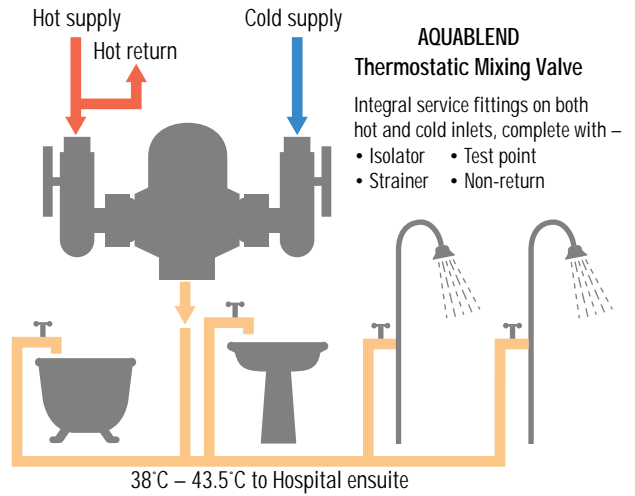
# The versatile Aquablend range – highest standards, exceptional performance.

Flow Characteristics of Aquablend 1000, 1500, 2000 & 2500 with Inlet Fittings  
(With Mix Temperature at 42°C at Valve Outlet)

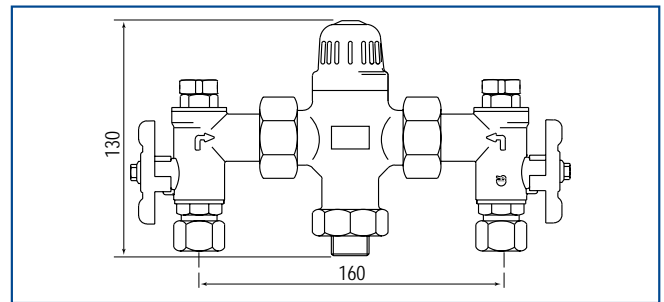


# Multiple Operation

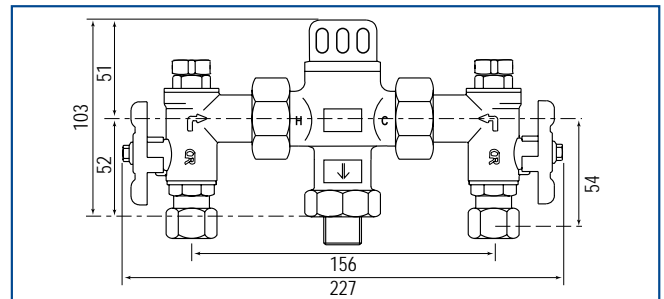
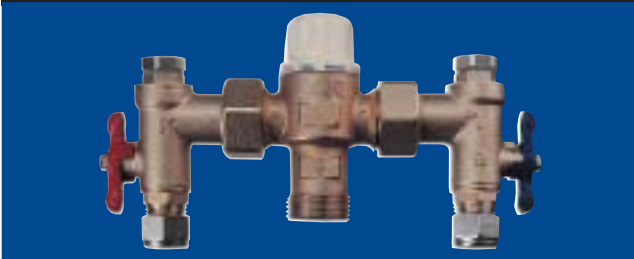
A single Aquablend Thermostatic Mixing Valve can cater for more than one shower, wash basin and bath. Diagram shows schematic of typical healthcare application.



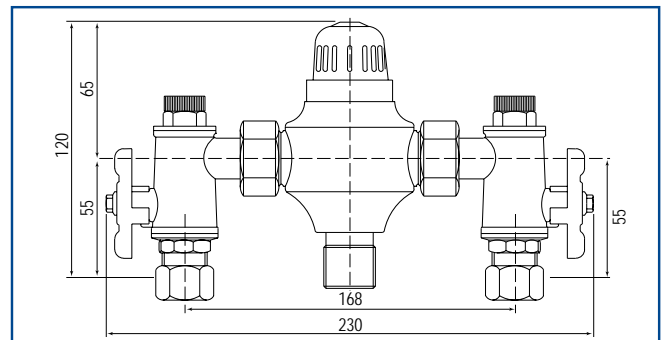
**AQUABLEND 1000 ATM710**



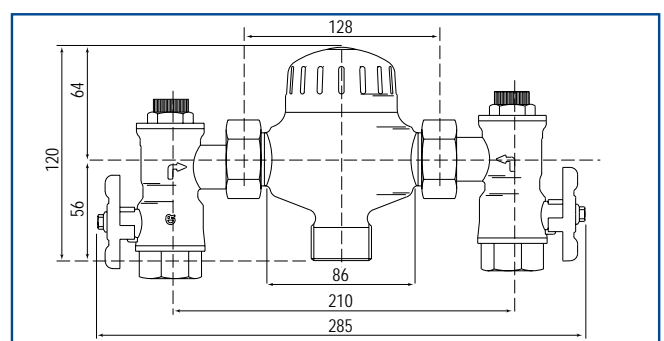
**AQUABLEND 1500 ATM700**



**AQUABLEND 2000 ATM711**



**AQUABLEND 2500 ATM725**



# Handy Test Kit

A practical Thermostatic Mixing Valve Test Kit is now available. The kit comprises of a Digital Thermometer with hand-held Immersion Probe, Pressure Gauge with a spike adapter, a Flow Cup - and comes complete in a compact carry case of protective contoured foam.

Product Code: ATMS 1200



# Technical Specifications Summary

## Aquablend TMV 1000

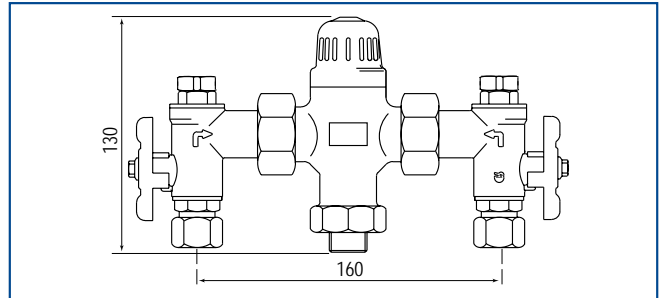
Complies with: *AS4032*  
 Product code: *ATM710*  
 Temperature Adjustment Range: *35° to 50°C*  
 Dynamic Inlet Pressures: *10kPa Min – 500kPa Max*  
 Static Inlet Pressure: *1000kPa Max*  
 Flow Rates: *50 lpm@300kPa pressure loss*  
 Minimum Flow Rate for stable outlet conditions: *4 litres/min*  
 Pressure Loss Ratio – *5:1 either supply*

Inlet size: *1/2" compression nuts*  
 Outlet size: *1" x 1/2" BSP adapter*  
 Finish: *Nickel plated*  
 Exposed Box code: *ATMS710E*  
 Recessed Box code: *ATMS710R*  
 Wall Bracket code: *ATMS728*  
 Access Panel for Box: *ATMS215*  
 O-ring Service Kit code: *ATMS1215*  
 Thermostatic Element (5 year service) code: *ATMS1206*

# Simple to install – easy to maintain

Aquablend stainless steel enclosure options make accessing and servicing easy, with practical features such as:

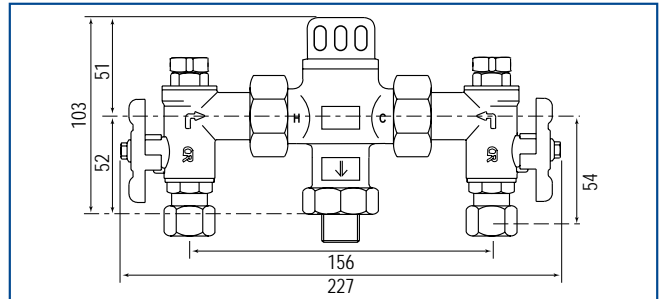
- Anti-tamper lockable box with brushed stainless steel cover plate
- Adjustable fascia cover to allow adjustment for wall type covering
- Compact design dimensions to fit into stud work
- Oversized fascia provides flange for recess mounting
- Supplied complete with valve, fully plumbed
- Durable stainless steel construction
- Stainless steel bracket to support valve
- Easy access and servicing in-situ
- Complete with test point on outlet



## Aquablend TMV 1500

Complies with: *AS4032, NSW Health Approved*  
 Product code: *ATM700*  
 Temperature Adjustment Range: *35° to 48°C*  
 Dynamic Inlet Pressures: *20kPa Min – 500kPa Max*  
 Static Inlet Pressure: *1000kPa Max*  
 Flow Rates: *42 lpm@300kPa pressure loss*  
 Minimum Flow Rate for stable outlet conditions: *4 litres/min*  
 Pressure Loss Ratio – *10:1 either supply*

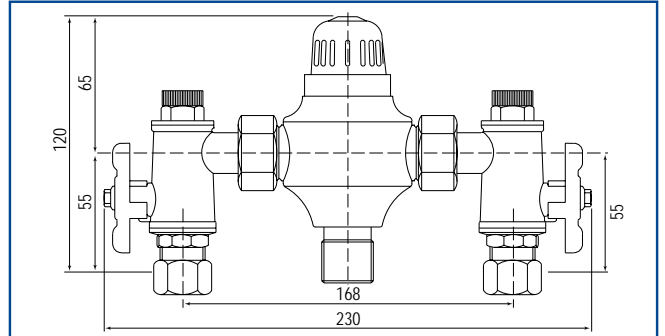
Inlet size: *1/2" compression nuts*  
 Outlet size: *1" complete with 1" x 1/2" or 1" x 3/4" BSP adapters*  
 Finish: *Nickel plated*  
 Exposed Box code: *ATMS700E*  
 Recessed Box code: *ATMS700R*  
 Wall Bracket code: *ATMS728*  
 Access Panel for Box: *ATMS215*  
 O-ring Service Kit code: *ATMS4714*  
 Thermostatic Element (5 year service) code: *ATMS4715*



## Aquablend TMV 2000

Product code: *ATM711 (Male) ATM713 (Female)*  
 Complies with: *AS4032, NSW Health Approved*  
 Temperature Adjustment Range: *35° to 50°C*  
 Dynamic Inlet Pressures: *10kPa Min – 500kPa Max*  
 Static Inlet Pressure: *1000kPa Max*  
 Flow Rates: *40 litres/minute@300kPa pressure loss*  
 Minimum Flow Rate for stable outlet conditions: *4 litres/min*  
 Pressure Loss Ratio – *5:1 either supply*

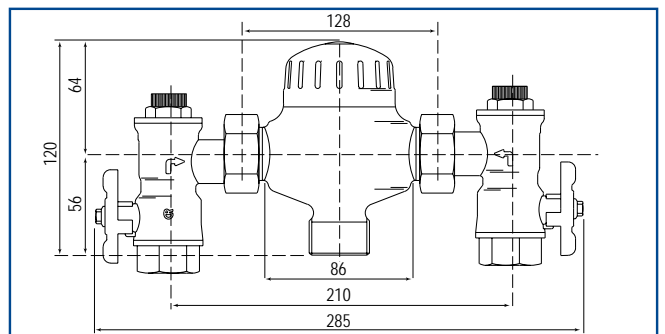
Inlet size: *1/2" comp (ATM711) or 3/4" FI (ATM713)*  
 Outlet size: *3/4" BSP MI*  
 Finish: *Polished and Chrome plated*  
 Exposed Box code: *ATMS216E*  
 Recessed Box code: *ATMS216R*  
 Wall Bracket code: *ATMS214*  
 Access Panel for Box: *ATMS215*  
 O-ring Service Kit code: *ATMS201*  
 Thermostatic Element/Shuttle Assembly (5 year service) code: *ATMS206*



## Aquablend TMV 2500

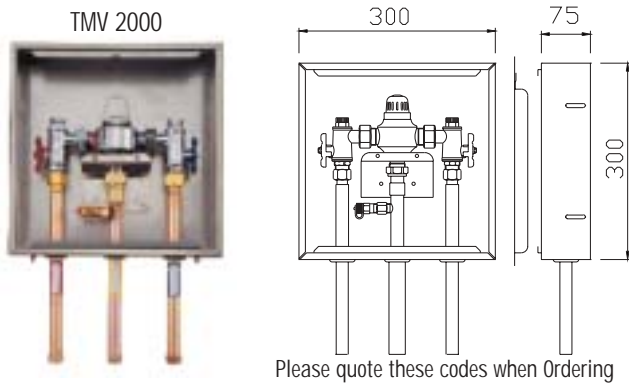
Product code: *ATM725*  
 Complies with: *AS4032*  
 Temperature Adjustment Range: *35° to 50°C*  
 Dynamic Inlet Pressures: *10kPa Min – 500kPa Max*  
 Static Inlet Pressure: *1000kPa Max*  
 Flow Rates: *75 litres/minute@300kPa pressure loss*  
 Minimum Flow Rate for stable outlet conditions: *6 litres/min*  
 Pressure Loss Ratio – *5:1 either supply*

Inlet size: *3/4" BSP FI*  
 Outlet size: *1" BSP MI*  
 Finish: *Polished and Chrome plated*  
 Exposed Box code: *ATMS727E*  
 Recessed Box code: *ATMS727R*  
 Wall Bracket code: *ATMS714*  
 Access Panel for Box: *ATMS215*  
 O-ring Service Kit code: *ATMS301*  
 Thermostatic Element (5 year service) code: *ATMS306*



Notwithstanding the TMV technical specifications compliance with AS3500 must be maintained. For optimum performance it is recommended that the inlet pressure be balanced to within + or - 10%.

## Aquablend TMV Stainless Steel Control Boxes



Please quote these codes when Ordering

Description	1000	1500	2000	2500
Stainless Steel Box, Exposed – Code	ATMS710E	ATMS700E	ATMS216E	ATMS727E
Stainless Steel Box, Recessed – Code	ATMS710R	ATMS700R	ATMS216R	ATMS727R

To ensure easy access at all times Aquablend TMVs have removable doors – so installation in confined spaces or close to walls creates no problems.

### Lockable Stainless Steel Access panel

300mm x 300mm. ATMS215 – will suit all models.



Stainless Steel Boxes are available in a various configurations. Developed with key engineering and hydraulic consultant partnerships, control boxes which include Cold Water By-Pass and a Hot & Cold Water By-Pass system are available. Please consult our technical staff for specialized configurations.

Please quote these codes when Ordering

Description	1000	1500	2000	2500
Cold Water By-Pass (4-Hole) S/Steel Box, Recessed – Code	ATMS119R	ATMS719R	ATMS219R	-

Cold water by-pass (4-Hole) stainless steel box – Exposed is available by request.

For 5-Hole boxes with Hot & Cold By-Pass configurations contact your Enware representative.

## Performance and Technical Support Guaranteed

Aquablend Thermostatic Mixing Valves are safe, simple and easy to maintain – and provide many features that not only match but exceed industry standards. Some of their proven benefits include:

### Scald protection / Thermal shock

The thermal shut-off capability ensures that the valve will deliver a rapid shutdown in the event of cold water failure. The valve will also shut down in the event of hot water failure. The valve quickly reinstates flow when normal supply resumes.

### Constant mix control

Water temperature is maintained at plus or minus 2 degrees, even during water temperature or pressure fluctuations.

### Supplied complete

Each unit comes complete with combination isolating ball valve, non-return and dual-stage strainer assemblies which incorporate water pressure/temperature test ports.

### Installation Versatility

Each TMV can be installed in any configuration with the water outlet in the horizontal or vertical (up or down) position, and inlet connections can be rotated to suit inlet pipework.

### Easy maintenance

The compact component assembly design allows low-cost, in-situ servicing and ensures minimum down-time. Flat faced connections allow removal of the valve without disturbing the pipework.

### Performance at low pressure

Aquablend is suitable for installation in low pressure systems and will operate with a working pressure as low as 10kPa.

### Safety lockshield

The TMV is supplied as standard with a temperature lockshield to prevent unauthorised changes to the water temperature.

### Manual supplied

Due to the important technical nature of this equipment, each TMV is supplied with a detailed technical manual to facilitate valve sizing, installation, commissioning, maintenance and trouble-shooting.

### Technical Support

By choosing Aquablend TMVs you are choosing the industry's acknowledged leader in technical support.





# The people who choose Enware

Enware's award winning tapware is appreciated for its style, function, uncompromised quality and price.  
That's why it's chosen by these leading Australian and international companies:

## RESIDENTIAL

Walsh Bay Apartments NSW  
Linea Apartments NSW  
Eco- Apartments- Zetland NSW  
Sunoma Apartments- Waterloo NSW

## CORRECTIONAL CENTRES

Dillwynia Correctional Centre NSW  
Parklea Gaol NSW  
Risdon Prison TAS

## LEISURE / ENTERTAINMENT

Bexley Swimming Centre NSW  
Jackson Landing- Pyrmont NSW  
Norwest Ice Rink NSW  
Ryde Leisure Centre NSW  
Fitness First NSW

## HOSPITALS

Alice Springs Hospital NT  
Campbelltown Hospital NSW  
Concord Hospital (Burns Unit) NSW  
P.A. Hospital QLD  
Royal Brisbane Hospital QLD  
Rural Health Service NSW  
Royal Prince Alfred NSW  
Royal North Shore Hospital NSW  
QE2 Institute  
St George Private Hospital NSW

## SCHOOLS / UNIVERSITIES

Castle Hill High School NSW  
Cecil Park Public School NSW

## FOOD SERVICE

Coles Supermarkets NSW  
Safeway-VIC  
Woolworths Supermarkets NSW

## HOTEL / HOSTELS

Millcrist Backpackers NSW  
Sebel Townhouse NSW  
St Hedwigs Hostel ??

## RETIREMENT / NURSING HOMES

Beecroft Nursing Home NSW  
Jemalong N/H Forbes NSW  
Mayfair H/H- Westmead NSW  
Begonia N/H  
Bunbury N/H WA  
Batemans Bay N/H NSW

## PRESSALIT CARE – SUPERIOR SOLUTIONS FOR ASSISTED BATHROOMS



Functional, ergonomical and flexible Multi System bathroom solution

The Pressalit Care range brings superior benefits to both Users and Carers in assisted bathrooms.

The Pressalit system provides flexibility, ease and dignity and includes Toilet Systems that enable easy transfers, adjustable Shower Chairs and Wash Basins, remote-controlled Nursing Benches, Toilet Support Arms, Handrails, Modular Shelves and Baskets. Practical features such as anatomical shaping, easy adjustments, extra strength and hygienic, easy-clean designs create independence and comfort for Users - and ensure the safest possible working conditions for Carers as well.

For more information on the superior Pressalit Care range, simply contact Enware today.



 **ENWARE**  
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