

Aquablend® 1000 Thermostatic Mixing Valve

ATM710

Aquablend's technology provides superior control, under changing pressure and temperature conditions as well as at ambient start up when scald protection is needed most. The proven performance, reliability and low 'whole of life' cost makes Aquablend a popular choice with specifiers, engineers, plumbers and property owners.

FEATURES

- Standards licensed to AS4032.1 - Thermostatic Mixing Valves
- Scald and thermal shock protection with rapid thermal shut-off if either the cold or hot water supply fails
- Highly responsive temperature control, maintaining outlet temperature within +/- 2°C under changing inlet temperature and pressure conditions
- Delivers excellent flow, operating at a minimum pressure of 20kPa
- Can be upside down or sideways, inlet and outlet connections may be rotated to suit pipework design



Product Codes

ATM710 15mm MI Inlet 25mm MI Outlet with 15mm or 20mm MI Adaptor

OPTIONS

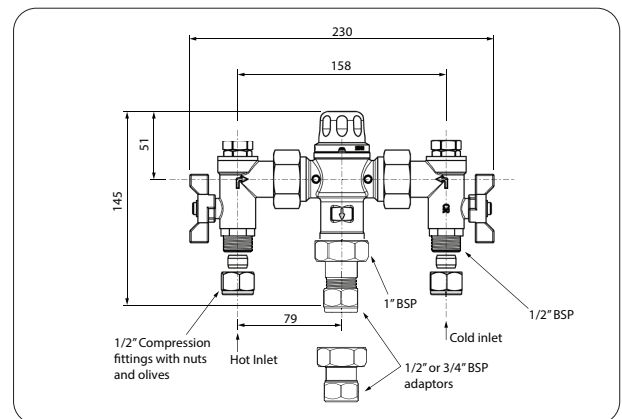
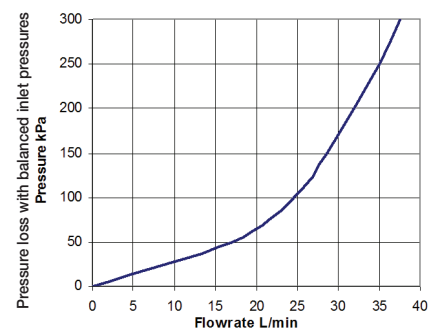
- In Lockable Stainless Steel Cabinet & Lid
- Smart Flow® TMV Monitoring & Control System

For more options contact your Enware representative

Technical Information

Thermostatic Temperature Range Set during installation/commissioning	38 °C - 50 °C (+/- 2 °C)
Dynamic Inlet Pressures * 10% maximum dynamic pressure differential between hot and cold supplies	Min. 20 kPa Max. 500 kPa
Static Inlet Pressures For testing purposes/ system commissioning	Max. 1600kPa
Hot Temperature Supply Range	Min. 55 °C Max. 90 °C
Cold Temperature Supply Range	Min. 5 °C Max. 30 °C^
Minimum Temperature Differential Between hot or cold supply and outlet mix temperature, required to ensure correct function of valve	10 °C
Inlet Pressure Ratio *	H - PL = H ¹ H = Hot inlet pressure C - PL = C ¹ C = Cold inlet pressure H ¹ : C ¹ = Max 10:1 PL = Pressure Loss C ¹ : H ¹ = Max 10:1
Inlet Size	1/2" compression nuts
Outlet Size	1" complete with 1" x 1/2" and 1" x 3/4" BSP adaptors
Flow Rates For stable outlet temperature	Min. 4 L/min Max. 39 L/min @ 300 kPa pressure loss as per Flow Sizing Graph

HEADLOSS CHARACTERISTICS OF AQUABLEND 1000



*AS3500.4 clause 1.9.4.2 - The dynamic pressure differential between hot and cold supplies when mixed at a thermostatic mixing valve shall not exceed 10%.

^ 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.

Enware products are to be installed in accordance with the Plumbing Code of Australia and AS/NZS3500. Installations not complying with PCA and AS/NZS3500 may void the product and performance warranty provisions. 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. Enware Australia advises: 1. Due to ongoing Research and Development, specifications may change without notice; 2. Component specifications may change on some export models; 3. Refer to Warranty Statement for warranty details - www.enware.com.au/warranty

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Call 1300 369 273
www.enware.com.au

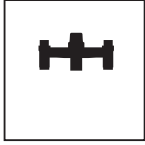
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Aquablend® 1000 Thermostatic Mixing Valve in Stainless Steel Cabinet

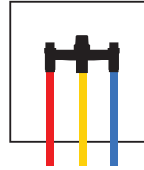
TMV CABINET CONFIGURATIONS

TMV + Cabinet



ATMS710VC-350
ATMS710VCR-350
ATMS710VCPRV-430

3 Pipe Cabinet



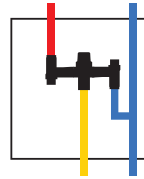
ATMS710-350
ATMS710R-350 *
ATMS710PRV-430

4 Pipe Cabinet



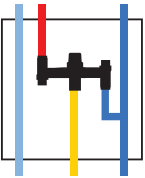
ATMS119-350
ATMS119RW-350
ATMS119PRV-430

4 Pipe Cabinet



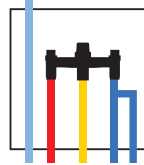
ATMS118-350

4 Pipe Cabinet + RW



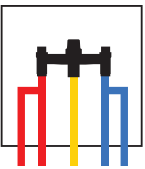
ATMS118RW-350

4 Pipe Cabinet + RW



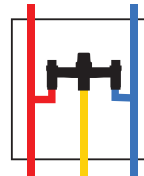
ATMS119RW-350
ATMS119PRVRW-430

5 Pipe Cabinet



ATMS120-350
ATMS120PRV-430

5 Pipe Cabinet



ATMS121-350

PRV = Pressure reduction valves (500kPa on hot & cold inlets)
RW = Additional pipe and isolation valve
* = Complete with Recess Lid (brushed finish S/S)

VC = TMV and cabinet only
350 = 350 mm x 350 mm square cabinet
430 = 430 mm W x 500 mm H cabinet



CABINET LID TYPES

(Stainless Steel Brushed Finish)

	Recess Lid #	Hinged Lid #	Exposed Lid #	Recess Lid with Security Torx Screws
350mm	ATMSRL-350	ATMSHL-350	ATMSXP-350	ATMSSEC-350
430mm	ATMSRL-430	ATMSHL-430		ATMSSEC-430

= Powder coat option available

All pictures shown are for illustration purpose only. Actual product may vary.
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