

Aquablend® 1500 Thermostatic Mixing Valve with Thermal Flush

ATM700

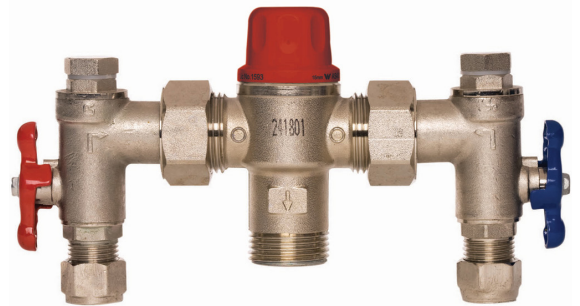
Aquablend's technology provides superior control when scald protection is needed most even under changing pressure and temperature conditions, and also at ambient start up.

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 new 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.

FEATURES

- Thermal Flush activation incorporated within the headworks for superior flush capabilities.
- Scald and thermal shock protection with rapid thermal shut-off should 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
- Supplied complete with isolating valves, non-return valves and dual stage strainers incorporating temperature/pressure test ports
- Flexible installation - inlet and outlet connections may be rotated to suit pipework design
- Standards licensed to AS4032.1 - Thermostatic Mixing Valves



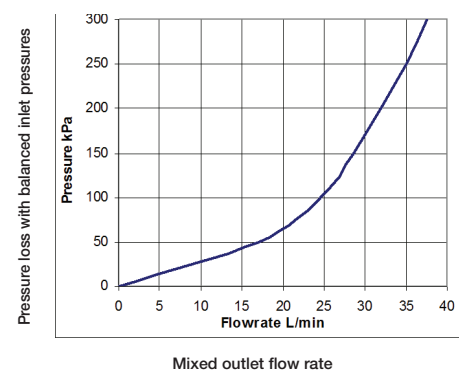
Product Codes

ATM700 15mm MI Inlet 25mm MI Outlet with 15mm or 20mm MI Adaptor

OPTIONS

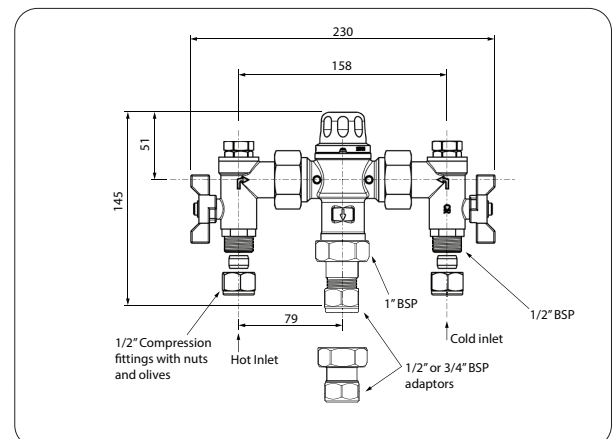
ATMS700R-350 In lockable SS cabinet & recess lid
Smart Flow® TMV Monitoring and Control System
For more options see below or contact your Enware representative

HEADLOSS CHARACTERISTICS OF AQUABLEND 1500



Technical Information

Thermostatic Temperature Range Set during installation/commissioning	35 °C - 48 °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 *	$H - PL = H^1$ $C - PL = C^1$ $H^1 : C^1 = \text{Max } 10:1$ $C^1 : H^1 = \text{Max } 10:1$ H = Hot inlet pressure C = Cold inlet pressure PL = Pressure Loss
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



*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

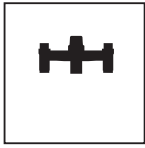
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Aquablend® 1500 Thermostatic Mixing Valve with Thermal Flush in Stainless Steel Cabinet

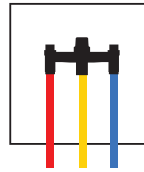
TMV CABINET CONFIGURATIONS

TMV + Cabinet



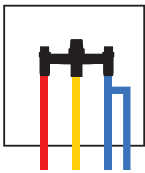
ATMS700VC-350
 ATMS700VCSF-350
 ATMS700VCPRV-430
 ATMS700VCPRVSF-430

3 Pipe Cabinet



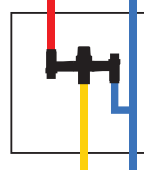
ATMS700-350
 ATMS700R-350 *
 ATMS700SF-350
 ATMS700PRV-430
 ATMS700PRVSF-430

4 Pipe Cabinet



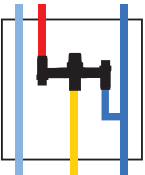
ATMS719-350
 ATMS719R-350 *
 ATMS719SF-350
 ATMS719PRVSF-430
 ATMS719PRV-430

4 Pipe Cabinet



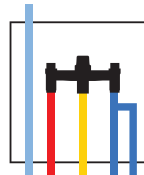
ATMS718-350
 ATMS718SF-350
 ATMS718-HLGPO ^

4 Pipe Cabinet + RW



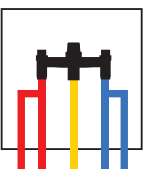
ATMS718RW-350
 ATMS718RWSF-350

4 Pipe Cabinet + RW



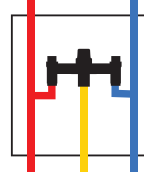
ATMS719RW-350
 ATMS719RWSF-350
 ATMS719PRVRW-430
 ATMS719PRVRWSF-430

5 Pipe Cabinet



ATMS750-350
 ATMS750PRV-430
 ATMS750PRVSF-430
 ATMS750SF-350

5 Pipe Cabinet



ATMS751-350
 ATMS751SF-350

PRV = Pressure reduction valves (500kPa on hot & cold inlets)
SF = Smartflow mix chamber and probe fitted
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
 ^ = With hinged lid and power point in 590 x 550mm 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

All pictures shown are for illustration purpose only. Actual product may vary.
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= Powder coat option available

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