

Aquablend: 1500 Lead Free Thermostatic Mixing Valve with Thermal Flush Lift Lever

Enware Aquablend thermostatic technology provides superior control to ensure scald protection and temperature control under the most challenging conditions of hydraulic pressure and temperature variation and at ambient start up.

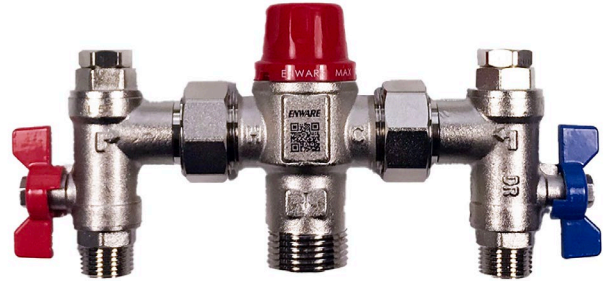
Lead Free brass and the updated Lift Lever thermal flush function for fast and simple thermal disinfection, helps to maintain healthy water systems.

The proven performance, reliability and low whole of life cost makes Aquablend the popular choice with specifiers, engineers, plumbers and property owners.

Also available in a range of pre-plumbed cabinets for simple installation and servicing or equipped with Smartflow Warm Water monitoring systems, the Aquablend 1500 is the ideal choice of thermostatic mixing valve for Hospital, Health care and commercial applications.

KEY FEATURES

- Thermal Flush Lift Lever 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 high flow at low pressure loss
- Supplied complete with isolating valves, non-return valves and dual stage strainers incorporating temperature/pressure test ports
- Flexible installation - can be upside down or sideways, inlet and outlet connections may be rotated to suit pipework design
- Available in a range of pre-plumbed configurations mounted in lockable stainless steel cabinets
- Standards licensed to AS4032.1 - Thermostatic Mixing Valves



PRODUCT CODES

ATM714	20mm Inlet with 20/25mm Outlet
ATM700	15mm Inlet with 15/20mm Outlet



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.

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

Component specifications may change on some export models.

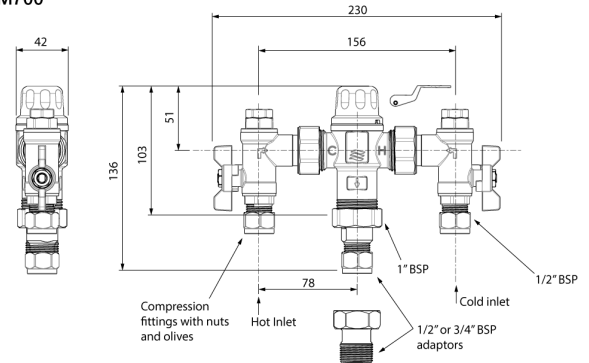
Refer to warranty statement for warranty details - www.enware.com.au/warranty.

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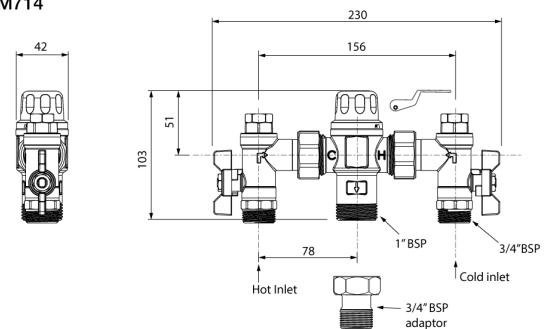
TECHNICAL DATA

Thermostatic Temperature Range	Min 35°C Max 48°C (+/- 2°C) Set during installation/ commissioning
Dynamic Inlet Pressures*	Min 20 kPa Max 500 kPa
Static Inlet Pressure	Max. 1600kPa 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 Between hot supply and outlet mix temperature, required to ensure correct function of valve
Inlet Pressure Ratio	H - PL = H¹ C - PL = C¹ H¹ : C¹ = Max 10:1 C¹ : H¹ = Max 10:1 H = Hot inlet pressure C = Cold inlet pressure PL = Pressure Loss
Inlet Connection	1/2" BSP MI with compression nuts or 3/4" BSP MI
Outlet Connection	1" BSP MI with 1"x1/2" and/or 1"x3/4" BSP adaptor
Minimum Flow Rate	Min. 2 L/min (Min. 4L/min recommended for stable outlet temperature)
Maximum Flow Rate (15mm)	38 L/min (31 L/min@200 kPa pressure loss as per flow sizing graph)
Maximum Flow Rate (20mm)	45 L/min (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.	

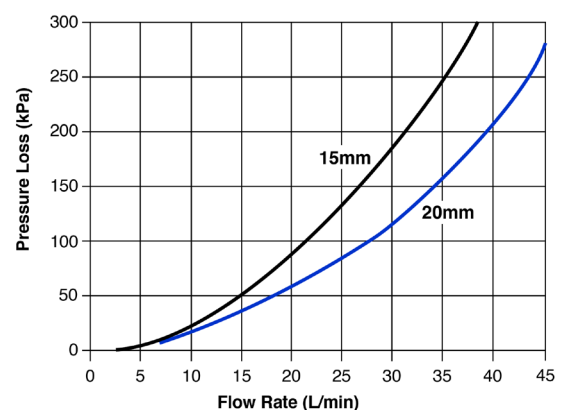
ATM700



ATM714



HEAD LOSS CHARACTERISTICS



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SPARE PARTS

ATMS123	Spare Parts: Aquablend - 1000/1500/2000 O-ring Kit - Post 2009
ATMS228	Spare Parts: Aquablend - 1000/1500/2000 Mixing Tube
ATMS190	Spare Parts: Aquablend - Return Spring - 1000/1500/2000
ATMS312	Spare Parts: Non Return Valve Suit Aqua1000/1500/2500
ATMS1313	Spare Parts: Aquablend - Inlet Face Seal
ATMS1205	Spare Parts: Inlet Fitting Strainers - 2
ATMS243L	Spare Parts: Inlet Cap Aqua 1000/1500 1 Only
ATM728	Wall Mounted Bracket
ATMS242L	Spare Parts: Aquablend - 1000/1500/2000 Upgrade Service Kit
ATMS1315L	Spare Parts: Pressure Test Point Plugs with O-Rings (1 pair) - Aquablend 1000 / 1500
ATMS243L	Spare Parts: Aquablend - 1000/1500 Inlet Cap with O-ring (Pair) to Suit Pressure Test Point with O-ring
ATMS507L	Spare Parts: Inlet Fitting Aquablend 1000/1500 H&C LI
ATMS508L	Spare Parts: Aquablend - 1000/1500 Inlet Fitting Control Valves 3/4"Hot and Cold
ATMS202	Spare Parts: Aquablend - Inlet Fitting O-Ring
ATMS516	Spare Parts: Aquablend - Temperature Adjuster Lift Lever Key
ATMS1221	Spare Parts: Pete's Plug 1/4"Test Point Adaptor

