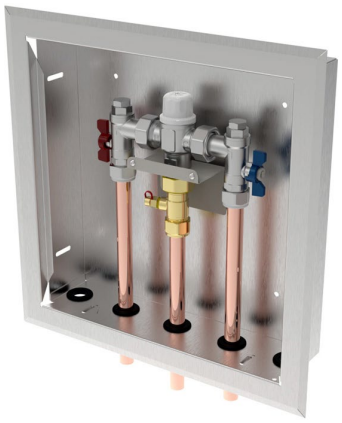
Aquablend 1000 Thermostatic Mixing Valve - 350x350 SS cabinet - HW/CW/WW pipes at bottom



KEY FEATURES

- Manufactured from Lead Free brass components - including pipe 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
- Pipework is designed to reduce flow restrictions and minimise bacterial capture points to reduce the risk of bacterial contamination
- Flexible installation - can be upside down or sideways, inlet and outlet connections may be rotated to suit pipework design
- A range of additional Stainless Steel lids are available for this model:
  - ATMSXP-350 - Exposed Lid
  - ATMSSEC-350 - Secure/Heavy Duty Lid
- Standards licensed to AS4032.1 - Thermostatic Mixing Valves

PRODUCT CODE

ATMS710H-350	Aquablend 1000 Thermostatic Mixing Valve - 350x350 SS Cabinet - HW/CW/WW Pipes at Bottom

Lead Free
AS4032.1
WMKA25301

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.
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.

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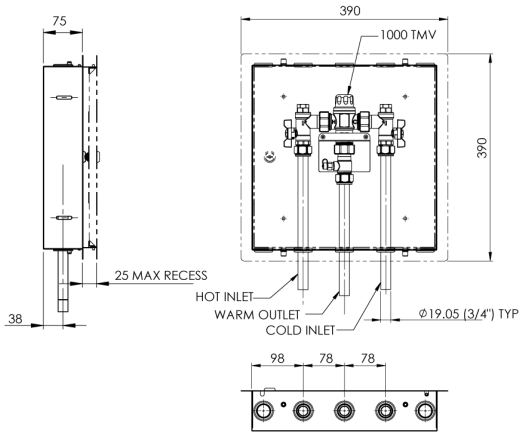
Aquablend 1000 Thermostatic Mixing Valve - 350x350 SS cabinet - HW/CW/WW pipes at bottom

TECHNICAL DATA

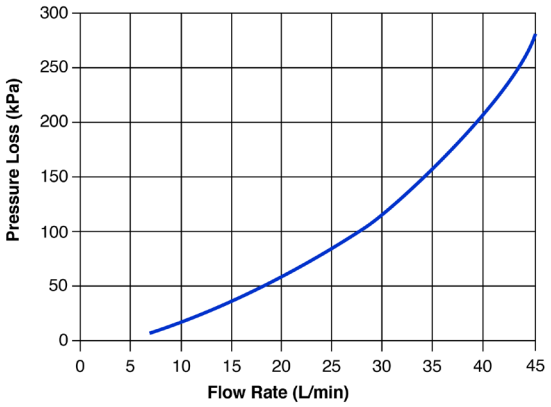
Thermostatic Temperature Range	Min 38°C Max 50°C (+/- 2°C) Set during installation/ commissioning
Dynamic Inlet Pressures*	Min 20 kPa Max 500 kPa
Static Inlet Pressure	Max. 1600kPa For testing purposes/ system commissioning
Hot Temperature Supply Range	Min 55°C Max 90°C
Cold Temperature Supply Range ^	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	20mm (Nom.) OD Copper tails
Outlet Connection	20mm (Nom.) OD Copper tails
Minimum Flow Rate	Min. 2 L/min (Min. 4L/min recommended for stable outlet temperature)
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.



HEAD LOSS CHARACTERISTICS



SPARE PARTS

ATM712	Aquablend: 1000 Lead Free Thermostatic Mixing Valve 20mm Inlet 20/25mm Outlet
ATMS200	Spare Parts: Aquablend - 20mm Outlet Tail with Pete's Plug
ATMSB-350	Spare Parts: Aquablend - Box Only 350mm 10 Hole SS

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