

Tepid Water System for Emergency Shower and Eye Wash in Stainless Steel Cabinet

In critical emergency situations, rapid access to tepid water is essential to mitigate the severity of workplace injuries. Emergency showers and eye wash stations must deliver water within the AS4775-recommended temperature range (15.6°C–37.8°C) to enable continuous flushing for a minimum of 15 minutes. In cold climates or during winter months, maintaining tepid water supply is vital to prevent hypothermia and ensure effective decontamination.

The ETW2500L (upgrade from ETW2500) tepid water system is designed to supply flushing fluid within recommended temperature guidelines of 15.6°C to 37.8°C (as per AS4775). The system design integrates the Aquablend 2500 Thermostatic Mixing Valve to mix the hot and cold water which is then fed back into the inlet feed to the emergency shower and eye wash to ensure a comfortable water temperature meets AS4775.

Now comes standard in a stainless-steel cabinet with a hinged lid.

New slimline design fits within a 75 mm deep wall cavity.



PRODUCT CODE

ETW2500L

Tepid Water System for Emergency Shower and Eye Wash in SS Cabinet with lid

KEY FEATURES

- Aquablend 2500 TMV included (ATM726L - Watermarked to AS4032.1)
- Delivers tepid water within the recommended range 15.6°C to 37.8°C (as per AS4775)
- Fully assembled and ready to install
- Stainless-steel cabinet with hinged lid comes standard
- New slimline design fits within a 75mm wide wall cavity
- Pressure Reduction Valve and Pressure Gauge fitted on cold bypass
- Cold water bypass in the event of hot water supply failure
- Automatic shutdown in the event of a cold water supply failure
- Designed for emergency showers, eye washes, eye/face washes and combination units



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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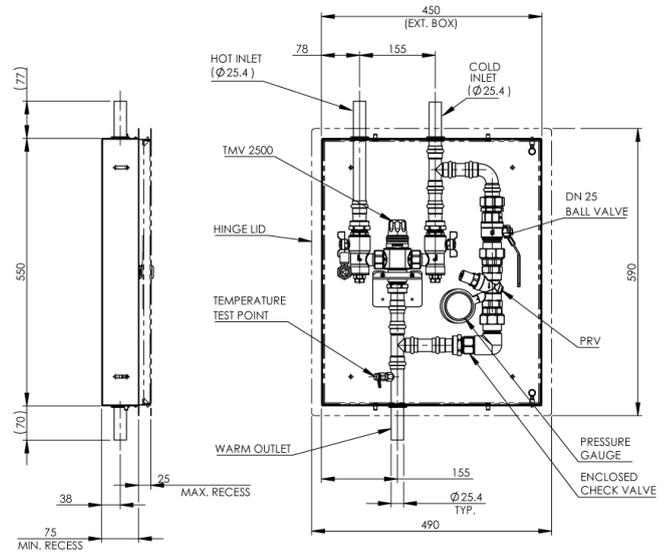
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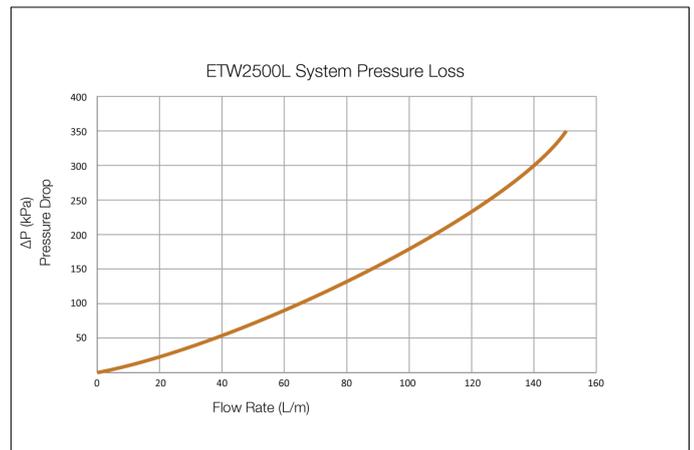
TECHNICAL DATA

Mixed Outlet Temperature Range	22°C – 37°C
Cold inlet temperature range	5°C – 30°C
Hot inlet temperature range	55°C – 90°C
Cold Inlet Size	DN 25
Hot Inlet Size	DN 25
Mixed Outlet Size	DN 25
Dynamic Inlet Pressure Range for flow compliance to AS4775 (To maintain a minimum of 75.6 lpm at the fixture)	250 kpa – 600 kpa
Static Inlet Pressure	Max. 1600 kpa (For testing purposes/ system commissioning)
Maximum Flow Rate	118 L/min @ 250 kpa pressure loss
Bypass Flow Rate (In case of hot water supply failure)*	81 L/min @ 550 kpa
Hot to Cold Supply Ratio	1:4 (Note: Supply conditions of 15°C cold and 60 °C hot, TMV outlet set point at 35°C @ 500kpa inlet)



PRESSURE LOSS CHART FOR FULL SYSTEM

Flow Rate (L/min)	Pressure Loss (kPa)
76	130
80	136
90	155
105	185
110	200
115	215



INLET TO OUTLET TEMPERATURE CHART

TMV set point 35°C @500kPa

COLD IN (°C)	HOT IN (°C)	OUTLET (°C)
5	60	22
10	60	24
15	60	26
20	60	30

BYPASS PRESSURE LOSS

