

**THERMAL PROTECTION FOR SAFETY SHOWERS
AND EYEWASH EQUIPMENT - ANTI-FREEZE & ANTI-SCALD VALVES**

Emergency Safety Showers and Eyewash Stations are an integral means of providing initial first aid treatment in the event of chemical contamination or burn type injuries, by flushing the area with potable water or equivalent. However due to the hot climate conditions experienced throughout Australia, the water stored within the equipment can be heated due to these conditions.

Australian Standards AS4775 advises temperatures in excess, of 38°C have proven to be also be harmful to the eyes and can enhance chemical interaction with the eyes and skin. As such suitable controls should be in place to help reduce this effect.

By fitting a Pratt Anti Scald Valve to the safety shower stanchion, it will help to reduce the temperature of the fluid within the shower. Pratt combination showers incorporate an auxiliary accessory outlet on the side of the shower stanchion, for easy connection to the shower.

The Anti Scald Valve will automatically open, to bleed off hot stored water from the shower. As the cooler fluid flows into the shower from the supply line, it is detected by the valve and subsequently closes down. There is no power supply required, as the valve automatically opens and closes at pre-set temperature points.

For the system to operate effectively, the fluid pipe supply should also be protected from exposure to the sun.

Pratt offer the valve only, and this can be fitted to new or existing safety showers.

Pratt also offer an anti-freeze valve is ideal for protection of piping, valves, fittings, pumps, condensate systems, safety showers, fire lines, spray nozzles, freeze sensitive equipment, or as backup protection on traced systems or equipment.

The Anti Freeze Valve can also be installed in conjunction with the Anti Scald Valve to provide both anti freeze and anti scald protection to the emergency shower equipment.

These are supplied as the valves only, and do not include any other connections or hose fittings etc.

SEASV Anti-Scald Valve Open - 35°C Closed - 29.4°C

SEASV-105 Anti-Scald Valve Open - 40.6°C Closed - 35°C



Further Specifications

Valve Body:	Stainless steel
Valve Only Connections:	1/2" NPT female
Max Operating Pressure:	Max Valve pressure 200 PSI (1380 kPa)
Operating Temperature:	149°C

Additional Accessories

An Anti-Freeze Valve can also be installed in conjunction with the Pratt Anti Scald Valve to provide both anti-freeze and anti-scald protection to the emergency shower equipment.

SEAFV Anti-Freeze Valve Fully Open - 1.7°C Fully Closed - 4.4°C

SE600TCF2 Foil Coated Thermal Insulation Cover