SUPPORT INFORMATION SUPPLIED BY ENVIRO MANUFACTURING

FUNCTION

Turn on a hot water tap and Enviro Thermal Switching Valve TSV2A when fitted in a hot water line will detect cold water and bypass it to save via a side outlet. When hot water arrives the valve switches and delivers hot water to the tap and, the bypass closes. The hot tap dribbles as an alarm that the hot tap is on and the cold water in the hotline is bypassed to save for later reuse.

LOCATION

The valve can be installed under a sink or basin, in a ceiling or under a house, just before a tee off to two wet areas sharing a common wall, it is best located as close to the hot outlet as possible. Fit a valve under a basin before the tee off to the bath and shower and all hot taps downstream of the valve will operate the valve.

SAVE WATER - OPTION 1

The valve saves water outlet is at tap pressure, the water can be piped anywhere, up or down, to a rainwater tank, any suitable tank, any downpipe to a tank, even a Bunnings $89 x 100-litre tank with a tap for pots or garden use.

SAVE WATER - OPTION 2

Connect the valve save outlet into the cold line, equal pressure won't flow, so fit a Pressure Reducing Valve (PRV) and set it at 150 kpa lower than the hotline pressure now water will flow if it has somewhere to go; fit a pressure tank in the cold line set air pressure at PVR pressure setting.

Higher hot water pressure will flow into the tank, via the cold line, when hot water arrives at the valve it switches and hot water flows from the tap. The bypass closes.

When any cold tap is used including toilet flush the pressure tank empties before new water enters the system, it all happens automatically.

HARDWARE ITEMS

Any Plumber can fit the hardware it is a simple basic plumbing operation. Full instruction supplied.

All the hardware is fully approved and is covered by Aust Standards ATS 5200-475-481-485 and should be installed as per Plumbing Code 3500