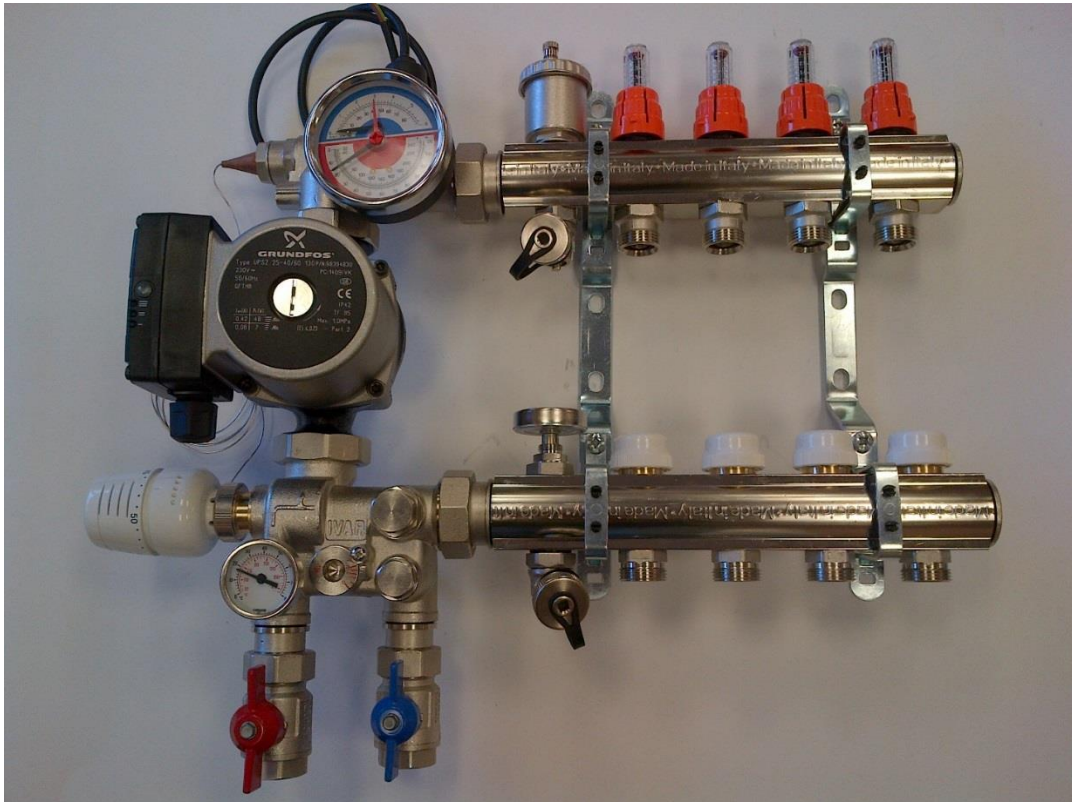


THERMALSURFACES

Surface Heating & Cooling Specialists

DISTRIBUTION MANIFOLDS

PROPRIETARY MIXING MANIFOLD SET



The Thermal Surfaces mixing manifold set has been specifically designed and manufactured to our requirements. It is manufactured from CW617N nickel plated brass and is very robust. The mixing manifold set is designed to be used with heating systems that have other types of heat emitters such as radiators that require a higher temperature hot water than what is required for underfloor heating. The mixing manifold can be connected to these heating systems and has an incorporated mixing valve to blend the higher temperature hot water down to the water temperature required for underfloor heating.

The mixing manifold incorporates the following features: -

Energy efficient Erp compliant variable speed pump to circulate water through the underfloor heating pipe-work.

High limit protection thermostat to prevent water that is too hot being circulated through the underfloor heating pipe-work.

The mixing valve has an adjustable thermostatic head to select the water temperature most suited to the underfloor heating system.

Kv adjustable primary bypass to relieve pressure to the main heating pump supplying hot water to the manifold and secondary balance to facilitate easier commissioning of the underfloor heating.

Manifold isolation valves, automatic air vent and fill/drain valves.

Flow indicators and balance valves for each individual circuit.

THERMAL SURFACES

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THERMAL SURFACES MIXING MANIFOLD FROM 2 TO 12 PORTS

