



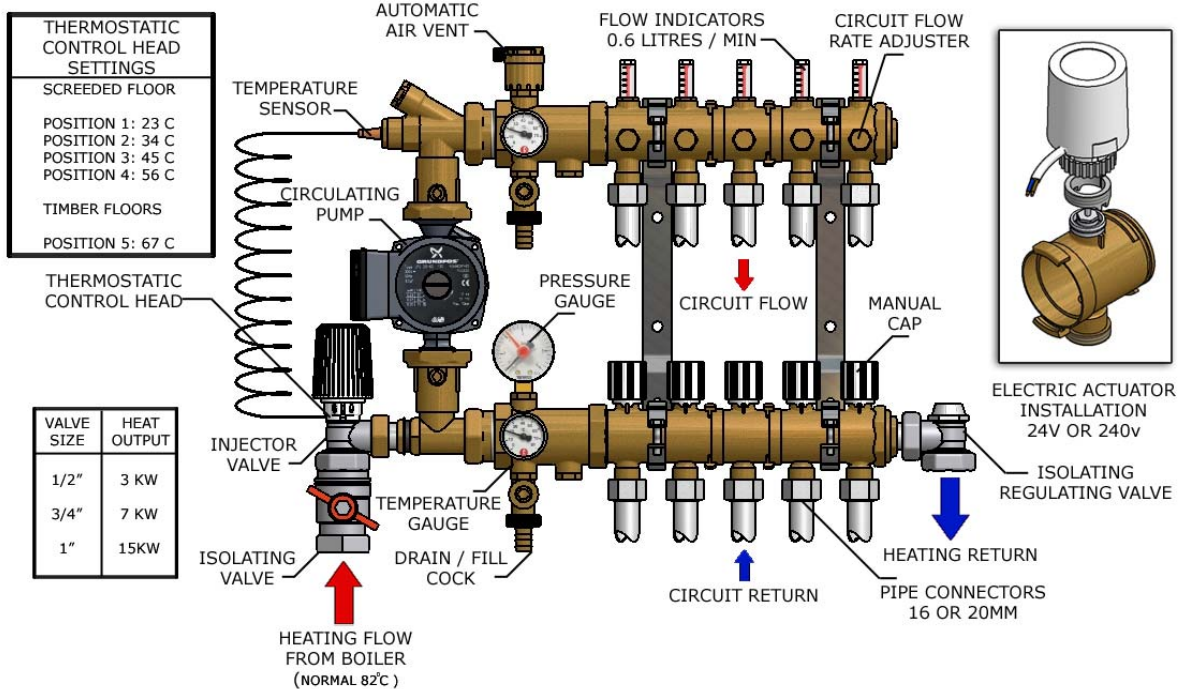
SUPERIOR UNDERFLOOR HEATING & COOLING SYSTEMS

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PUMP MIXING MODULAR MANIFOLD



VALVE SIZE	HEAT OUTPUT
1/2"	3 KW
3/4"	7 KW
1"	15KW

CIRCUITS
MANIFOLD WIDTH

MANIFOLD DIMENSIONS										
2	3	4	5	6	7	8	9	10	11	12
420mm	470mm	520mm	570mm	620mm	670mm	720mm	770mm	820mm	870mm	920mm

FITTING CLEARANCE
MANIFOLD WIDTH 100mm , Height 250mm, Depth 215mm

MANIFOLDS SHOULD BE FIXED AT A HEIGHT 300mm ABOVE FINISHED FLOOR TO BOTTOM OF MANIFOLD
ACCESS IS REQUIRED TO THE FRONT OF THE MANIFOLD FOR MAINTENANCE PURPOSES

PUMP MIXING MANIFOLDS

Warmafloor pump mixing manifolds are for use where the LPHW supply to the manifold is at a higher temperature than required for the underfloor system. The pump mixing manifold thermostat is set to the required underfloor water flow temperature and the injector valve mixes the hot water from the heating system to the desired underfloor flow temperature.

Pump manifolds are used where the heating system is a combination of radiators and underfloor heating, whether it is a new installation or where an underfloor heating installation is added to an existing radiator system.

The size of the injector valve used on the mixing manifold is selected dependant upon the system output required as detailed. When the manifold serves multiple circuits it is installed with an electric wiring centre to which room thermostats/sensors, electrical actuators and the pump is connected. The manifolds are manufactured in brass in a modular bayonet fit format. The manifold has a unique rapid fit assembly method providing high flexibility in achieving the correct number of outlets required. Additional circuits can be easily added and maintenance is simplified as components can be replaced individually. The manifolds are available with standard manual circuit control valves or these can be replaced with 24volt or 240volt electric actuators for automatic circuit control.