



MANIFOLDS & WATER TEMPERATURE CONTROL

Control Packs

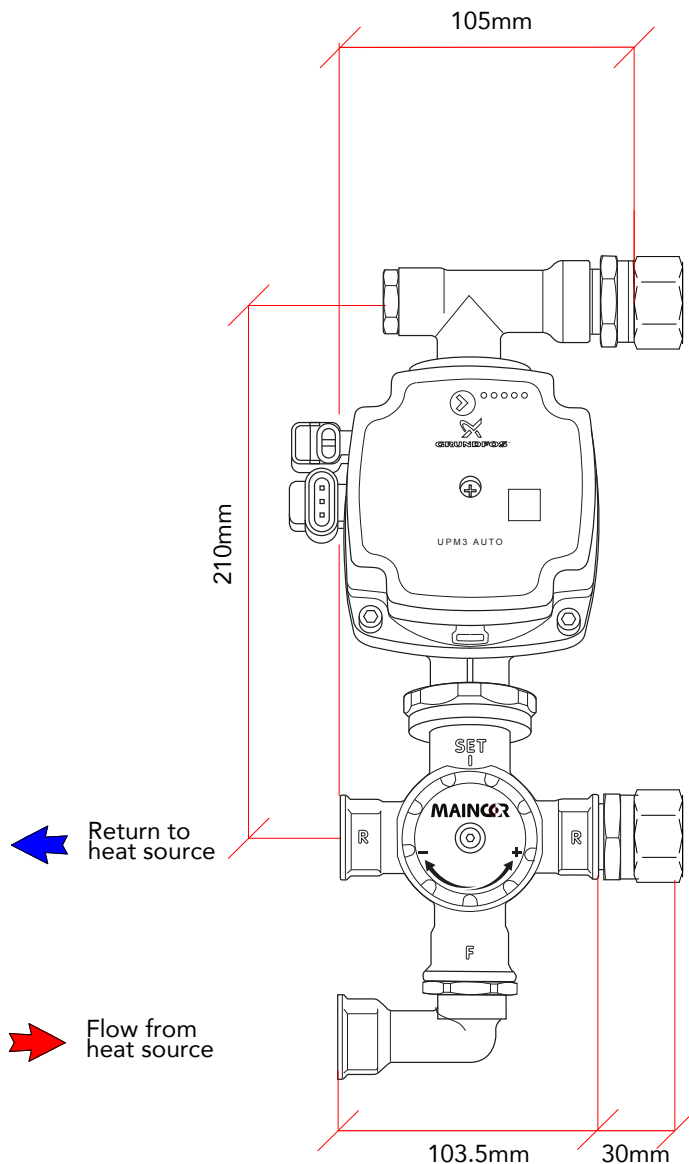


The Maincor Control Pack is a preassembled unit designed to be easily fixed (via the ball valves) to the UFH Manifold. The unit will blend the primary hot water with the return water from the UFH to the temperature that is determined by the control valve. An A rated pump is used to circulate the water around the secondary UFH system.

The blending valve is factory set at 45°C but can easily be adjusted (range 25-60°C) via the control head below the pump. The unit has a maximum output of 14kW and we recommend that in the majority of instances you do not

exceed a floor area of 150m² or a manifold size of 10 ports. It is good practice to fit a 2 port motorised zone valve on the primary flow to manifold and Maincor will usually supply one. We recommend fitting an automatic bypass (supplied by others) on the primary flow prior to the 2 port motorised zone valve.

The unit is designed to be fitted on either the left or right hand side of the manifold. Primary pipework can be fed into the Control Pack from the side (as per the illustration below) or from below by moving the position of the 90° elbow supplied with the kit. Reference installation information is supplied with each unit.



Specifications

- Hot temperature supply range: 60°C - 85°C.
- Adjustable temperature range: 25°C - 60°C.
- Maximum supply pressure: 10 bar.
- Factory pre-set : 45°C (Control knob is in the adjustable position).
- Temperature stability: +/- 2°C.
- Connections: Mixing valve inlets 3/4" FBSP .
- Manifold connections 1" MBSP.

Materials

- Body Nickel Plated Brass.
- Seals Fibre.
- O-Rings Viton
- Spring Stainless Steel