

Emmeti TM3-R Pump Set



The Emmeti TM3-R is a control group for use with Emmeti's new Topway Plus stainless-steel manifold in underfloor heating applications. The mixing valve on the TM3-R is adjustable between 20° - 65°C which complies with the requirement of BS 1264-4 2009 for initial warm up temperatures of between 20° - 25°C and a locking pin to set maximum blend temperature.

The TM3-R has an additional probe pocket for an optional over temperature device to be installed. A throttle to increase the Kv of the mixing valve for larger systems. A built-in non-return valve above the circulation pump to prevent back filling during the system fill and also reduces water loss if the circulation pump needs to be removed for maintenance. A new ErP 2015 compliant Grundfos UPM3 Auto L 7m circulation pump is fitted as standard.

Benefits:

- Precision engineered Emmeti materials and market leading high-efficiency Grundfos pump technology provide long lasting and leading performance
- Pre-assembled pump and blending unit reduces installation time and allows for easy control of the underfloor heating system
- Inclusive temperature control ensures that the water temperatures entering the floor do not exceed design temperatures
- Built in thermostatic actuator with temperature range between 20°-65°C for system design across all floor constructions
- Integrated flow rate control valve for increased regulation of the flow rate and temperature of the underfloor heating system
- Standard 210mm manifold spacing and 1" BSP connections allows for use across Emmeti's wide range of manifold products

Technical Specification	
Primary circuit max temperature	90°C
Maximum operating pressure	10 bar
Primary circuit ΔP	1 bar
Secondary control range	20° - 65°C
Heating capacity (ΔT 7°C, ΔP available 0.25 bar)	G1"
Thermostatic regulation	10 kW by-pass pos. 0
Thermostatic regulation	12.5 kW by-pass pos. 5
Mixing valve pressure drop	Kv 3
Pressure drop with open bypass valve	Kvmax 4.8
Thermometer scale	0° - 80°C
Mixing unit inlet thread	G 1" F
Connection thread	G 1" M
Circulator connections: pipe union	1" ½ - takeoffs 130mm

Stock Code	Product Name
28132260	Emmeti TM3-R Pump Set