

UFH-0405CDE01: 1-Group manifold composite, district heating ESSENT



Commercial information

Composite manifold for both residential and non-residential construction. The solid structure of this manifold allows for easy installation. Double hollow chambers in the body offer excellent insulating properties. This manifold is fitted with flow controllers per group and offers the option to operate at higher flow rates with minimal loss of pressure. The outlet connections are 3/4" eurocone.

These plastic manifolds offer the following advantages:

- Highly suitable for both heating and cooling
- Meets Essent requirements
- Top-quality pump included
- Suitable for PN6 installations
- Cooling without condensation

Basic unit dimensions

Height	520 mm
Length	225 mm
Width	165 mm
Net weight	6.100 kg

Certificates

Applications

Underfloor Heating

Solutions

Underfloor heating, Building installations, Industry, Energy/district heating, Utility

Technical characteristics

Connection type primary side	2-pipe	Outer pipe diameter primary connection	32 Millimetre
Suitable for cooling	✗	Medium temperature (continuous)	10 60 Degrees celsius
Material	Plastic	Max. operating pressure	6 Bar
Position primary connection	Top	Max. number of expansion groups	0
Primary connection	Internal thread cylindrical BSPP-G (ISO 228-1)	Supply voltage	230 Volt
Nominal diameter primary connection	1/2 inch (15)	Number of groups secondary	1
With valves on primary connection	✓	Outer pipe diameter secondary	12 20 Millimetre
With mixing valve	✓	Flow-through capacity	0 5 Litre per hour
Expandable	✗	Min. pressure difference secondary flow/return	0 Kilo Pascal
Multi-zone manifold	✗	Width	165 Millimetre
With temperature limit	✓	Height	520 Millimetre
With non-return valve	✓	Depth	225 Millimetre
With circulation pump	✓		
Type of pump (system pump)	AC		
Article compression class	PN 6		
With controller	✓		
Hydraulic balance control	Static		
Volume flow measurement	Analogue		
With thermometer	✓		
Temperature measurement supply	Analogue		
Temperature measurement return	Analogue		
With de-aeration	✓		
With pressure gauge	✗		
Secondary connection	Euroconus standardless		
Nominal diameter secondary connection	3/4 inch (20)		
Closable groups	✓		
With flow-through indicator	✓		
With thermal actuator	✓		
With wall-mounting bracket	✓		
With casing	✗		