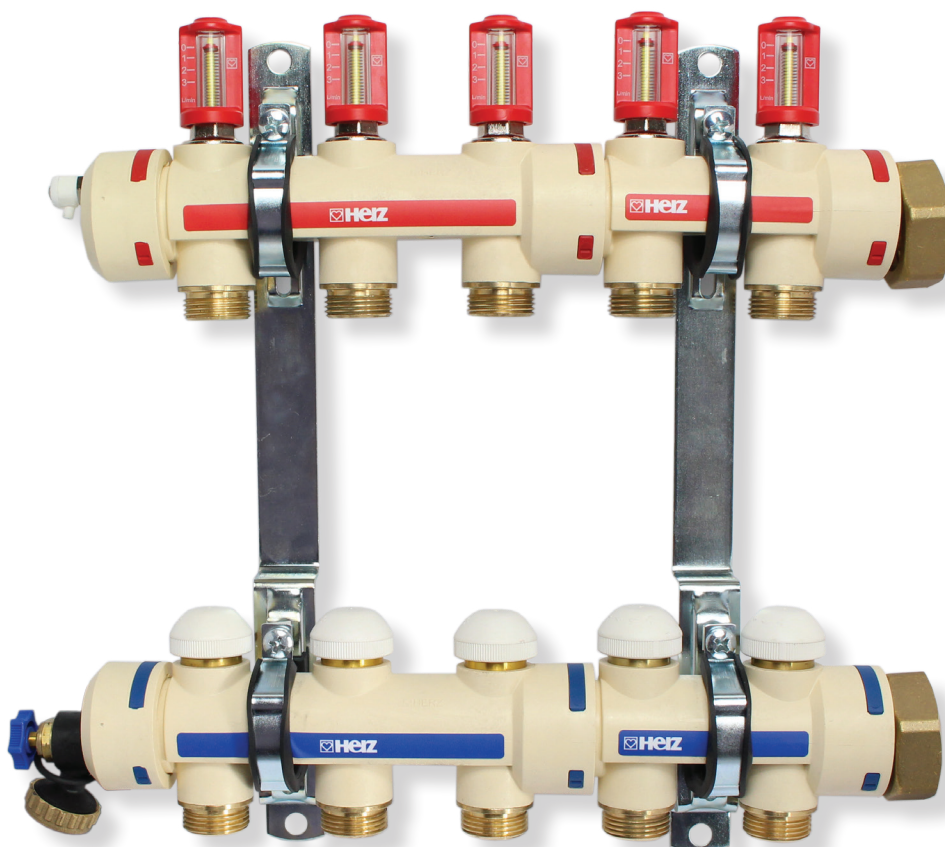


HERZ composite manifold UNI-MINI

Distributors for cooling and heating systems

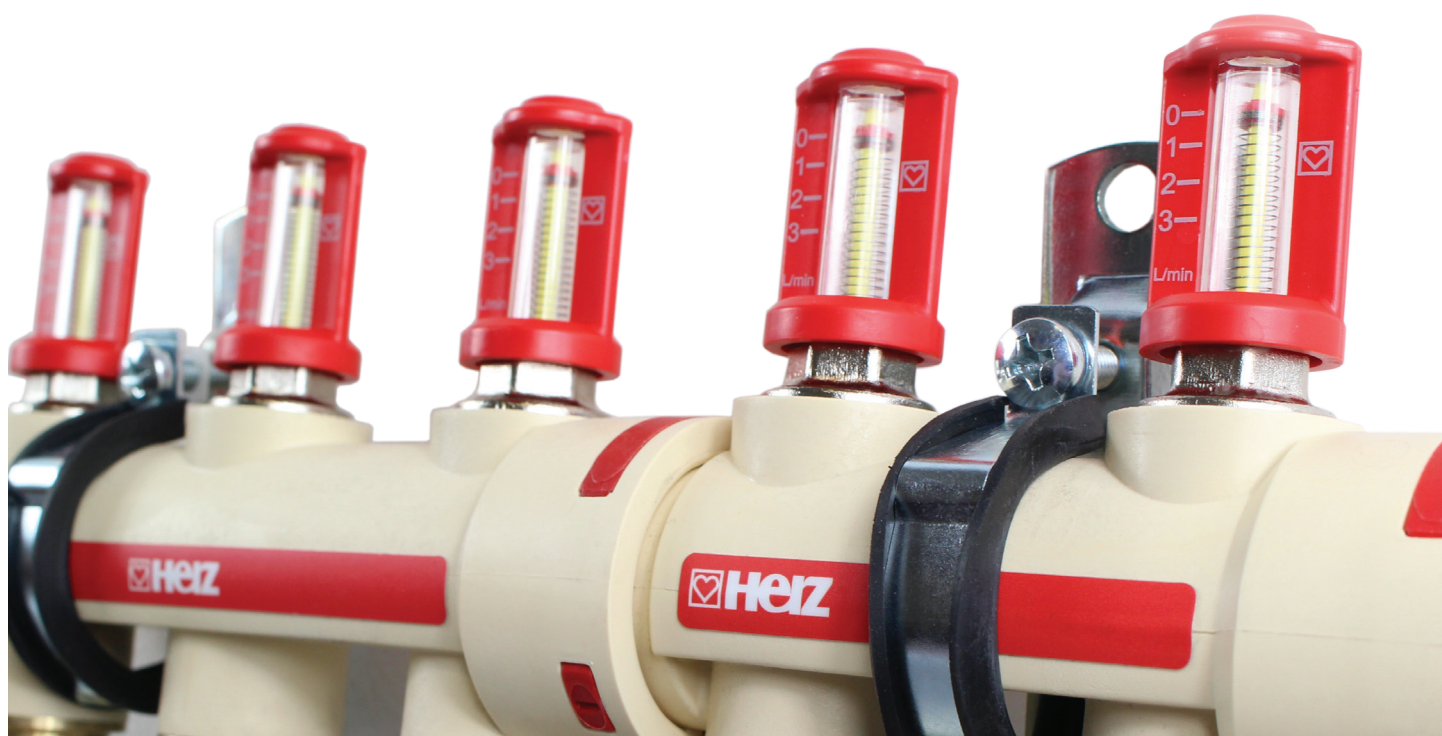


HERZ composite manifold UNI-MINI









Overview

The HERZ UNI-MINI plastic distributor was specially developed for use in modern surface heating and surface cooling applications. The distributor is made of fibreglass reinforced polyamide, which makes it suitable for both heating and cooling. A screw-in part with a freely rotating union nut is pre-assembled for the flow and return flat seal connections. Both the screw-in parts and the connections of the heating circuits with $\frac{3}{4}$ " Eurocone socket are made of brass to ensure a secure connection on installation.

All HERZ UNI-MINI plastic manifolds are fitted with HERZ flowmeters in the flow for regulation and HERZ thermostatic valves in the return as standard which allows for the installation of HERZ actuators. The HERZ UNI-MINI plastic distributors are high-quality products that are subject to constant quality control including pressure testing.



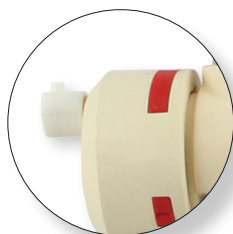
Benefits

- | | |
|--|--|
|  Due to the flexibility of the modular design - the distributor can easily be expanded. |  Reliable construction and long Lifespan. |
|  Made from very durable fibreglass reinforced polyamide. |  Integrated ventilation and drain valve. |
|  High flow is possible. |  Compatible with other HERZ products. |
|  Condensation is reduced when used in cooling systems. |  Easy installation. |



☑ **Vent valve:**

A vent valve is attached to the flow manifold.



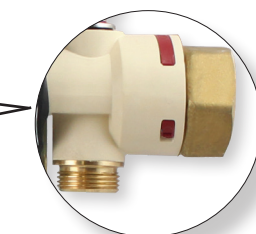
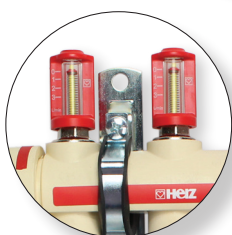
☑ **HERZ Flow meter:**

Heat-resistant and cold-resistant plastic in combination with dezincification-resistant brass enable maximum lifespan. Double O-ring seals and an indirect display area ensure long-term functionality. The flow meter can be adjusted and read without the need of tools and is extremely customer-friendly. Two design variants, up to 3 l/min and up to 6 l/min, result in a wide range of applications.



☑ **Color coding**
Flow / Return:

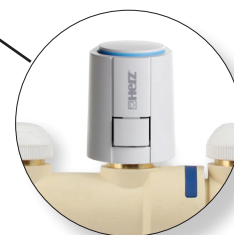
The direction of flow can be seen from the colours of the connection clips and the logo strips (red: flow, blue: return). The flow meters are always installed in the flow. The setting and scale handles are red on the 0-3 l/min version and on the 0-6 l/min version are they gray.



☑ **Brass connectors:**
robust brass connections for the connection to the supply pipes.

☑ **Thermostatic valves**
M 28 x 1,5:

The HERZ thermostatic valves are suitable for accommodating all HERZ thermal drivers (7708 und 7711).



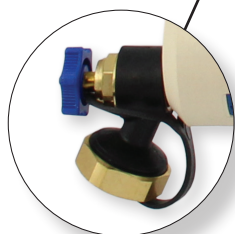
☑ **Brackets:**

The manifolds can be mounted directly on a wall or in a distribution cabinet using the brackets supplied with integrated sound insulation inserts. The manifolds can be installed so that the connection to supply pipes can be either from the left or from the right.



☑ **Drain valve:**

A filling and draining valve with connection thread G 3/4" is provided on the return manifold. It can be supplemented with the HERZ hose connector 1 6206 01.



☑ Application areas

HERZ composite manifolds UNI-MINI can be used for underfloor, wall and ceiling heating and cooling systems. Heating circuits can be regulated individually by means of flow meters. The manifolds are single-sided. The distributor connection is flat-sealing with a freely rotating nut G 1 1/4" on the distributor. This means that a connection is also possible with an adapter for the HERZ PIPEFIX system. Manifold outlets are available with G 3/4" Eurocone connection. A dynamic control set is recommended for automatic hydraulic balancing of the distributor.

☑ Materials and construction

- ☑ Manifold distributor: PA6 30% GF
- ☑ Thermostatic valves: Brass, EN 12164
- ☑ Seals: EPDM
- ☑ Spring: Stainless steel
- ☑ Spring: Plastic PP
- ☑ Brackets: Steel
- ☑ Connection clips: PA6 30% GF (RED / BLUE)
- ☑ Side connection : Flat sealing with freely rotating nut G 1 1/4" according to ISO 228-1
- ☑ Lower connection: G 3/4" according to ISO 228-1, conical seal

☑ Technical data

- ☑ Max. operating pressure: 6 bar
- ☑ Min. operating temperature: -5 °C
- ☑ Max. recommended operating temperature for surface heating : 45 °C
- ☑ Max. permissible operating temperature for the distributor with flow meter: 70 °C

☑ Flow meter

The factory setting is partially open. The set flow rate can be read directly on the sight glass. To adjust the flow rate, use the plastic cap and turn it clockwise or counterclockwise clockwise.

NOTE: The flow meters are NOT shut-off devices! Heating circuits that are not connected or not filled must be sealed with a sealing cap at the outlet.

☑ Manifold body

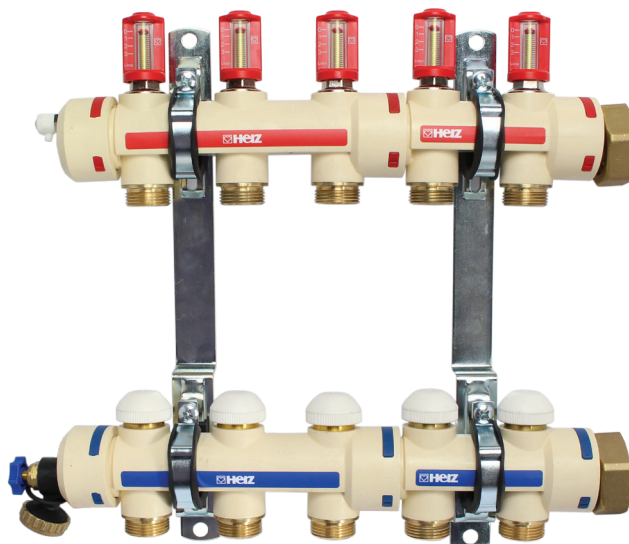
HERZ uses a fibreglass reinforced polyamide. The material is excellent temperature resistant. The insulating properties reduce condensation when used as a cooling manifold. The composite manifold UNI-MINI has a modular structure, which means that the heating circuits can be expanded.

☑ Medium

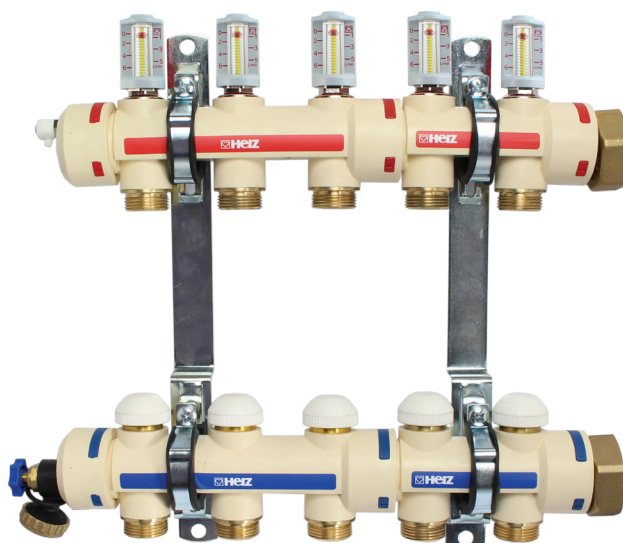
Heating water according to ÖNORM H5195 or VDI 2035. The use of ethylene or propylene glycol in a concentration of 25 - 50% by volume is possible. If you use ethylene or propylene glycol products for freeze protection or to prevent corrosion, please follow the manufacturer's instructions. We would like to point out that lubricants containing mineral oil attack EPDM seals, which can lead to failure of the EPDM seals in the valves. Silicone based lubricants are allowed. HERZ composite manifolds UNI-MINI are unsuitable for use with aggressive substances.

☒ **HERZ composite manifold UNI-MINI**

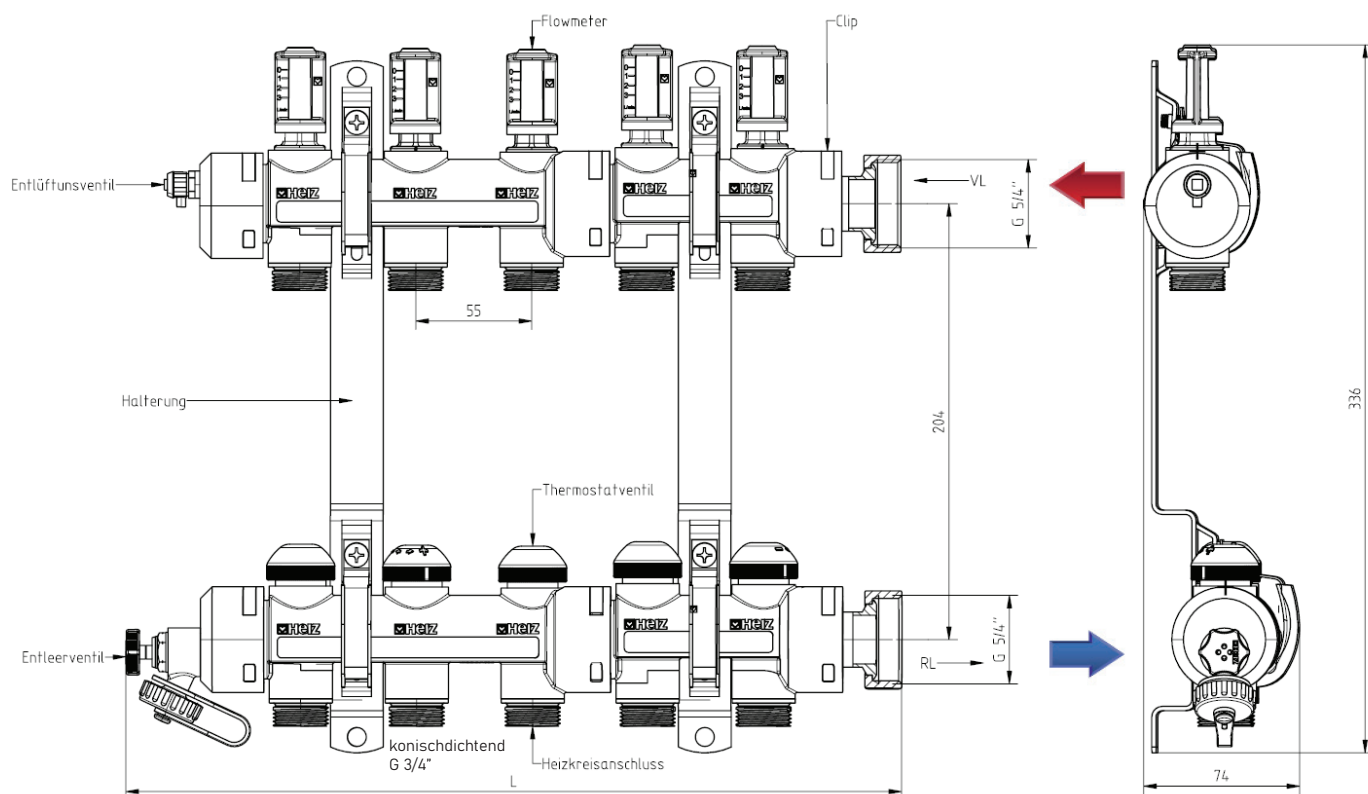
- ☒ 1 **8732** 03 - 12
 Flow meter 0-3 l/min





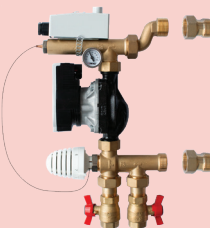






- ☒ 1 **8733** 03 - 12
 Flow meter 0-6 l/min



☑ Dimensions and components



Outlets	Order number with flow meter 0-3 l/min	Order number with flow meter 0-6 l/min	Numbers of mounts	L [mm]	Recommended cabinet for manifolds including ball valve or dynamic regulating set	Recommended cabinet for manifolds with the pump group
3	1 8732 03	1 8733 03	2	260	1 8569 05	1 8569 10
4	1 8732 04	1 8733 04		310	1 8569 10	1 8569 15
5	1 8732 05	1 8733 05		370	1 8569 15	
6	1 8732 06	1 8733 06		420		
7	1 8732 07	1 8733 07		480	1 8569 20	1 8569 20
8	1 8732 08	1 8733 08	3	530		1 8569 20
9	1 8732 09	1 8733 09		580		
10	1 8732 10	1 8733 10		630		
11	1 8732 11	1 8733 11		690		
12	1 8732 12	1 8733 12		740	1 8569 30	

Accessories		Regulated differential pressure	Dimension	Order number
	HERZ design hand wheel for HERZ thermostatic valves that are not equipped with a HERZ thermostatic head.			1 9102 80
	HERZ actuating drive for 2-point control for floor heating circuit distributors and valves M 28 x 1.5, 2-point, also suitable for pulse-pause operation, 5 mm stroke, adapter M 28 x 1.5 colour red integrated, cable fixed, without limit switch. Closing force 100 N. Power consumption 1 watt.			1 7708 52
	HERZ actuating drive for 2-point control for floor heating circuit distributors and valves M 28 x 1.5, 2-point, also suitable for pulse-pause operation, 5 mm stroke, adapter M 28 x 1.5 colour red integrated, cable fixed, without limit switch. Closing force 100 N. Power consumption 1 watt.			1 7708 53
	Pump Group Station for fixed value control incl. high efficiency pump suitable for 3-12 heating circuits, thermostatic head 20 - 50°C with immersion sensor for exact regulation of the supply temperature in floor heating circuits, thermometer to display the supply temperature and contact-safety thermostat are included, suitable for distributors with bar spacing of 167-233 mm (center-center) when using eccentric screw connections, incl. 2 pieces screw connections R 1" MT for the distributor with freely rotating union nut G 1" for the pump group, flat seals are included, connection and shut-off from the high-temperature circuit with ball valves ¾", back flow preventer integrated in the return flow to the high temperature circuit; distributor, distributor cabinets and individual room control accessories must be ordered separately.			3 F532 34
	Adapter G 1" IG - G1 1/4" AG for connecting a distributor with G 1 ¼" MT to the Pump Group, 2 pieces included in the set.			1 6383 08
	HERZ dynamic regulating set suitable for dynamic regulation of surface heating and cooling. The set consists of: <ul style="list-style-type: none">• 4212 Differential pressure controller with integrated control, shut-off and zone valve, with R ¾" threaded sleeve• 2202 Partner ball valve with holder for impulse line, with G 1" female thread sleeve• Impulse line with connection nipple• Screw connections to the HERZ composite manifold UNI-MINI.	20 kPa	20 LP	1 8635 52
		35 kPa	20 HP	1 8635 53
	Ball valve for HERZ composite manifold UNI-MINI in a straight design with G 1 ¼" external thread, flat seal for screwing directly onto the distributor. On the pipe side with G 1" threaded socket for connection with threaded pipes or with an adapter for the HERZ PIPEFIX system.		DN 25	1 2208 13
	Ball valve for HERZ composite manifold UNI-MINI in corner design with G 1 ¼" external thread, flat seal for screwing directly onto the distributor. On the pipe side with G 1" threaded socket for connection with threaded pipes or with an adapter for the HERZ PIPEFIX system.		DN 25	1 2228 13
Spare parts				Order number
	HERZ flow meter Setting range 0 – 3 l/min For the following models of floor heating supply distributors: Stainless steel manufactured as of 2018 and composite manifold UNI-MINI.			3 F900 33
	HERZ flow meter Setting range 0 – 6 l/min For the following models of floor heating supply distributors: Stainless steel manufactured as of 2018 and composite manifold UNI-MINI.			3 F900 36

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Weil's ohne  nicht geht

HERZ Armaturen Ges.m.b.H.

Richard-Strauss-Straße 22, 1230 Vienna, Austria

T: +43 1 616 26 31-0, F: +43 1 616 26 31-227

E-Mail: office@herz.eu

www.herz.eu

