Product information

modular plastic brine manifold Type 3060

Description:

The compact, modular plastic brine manifold for geothermal probes, geothermal collectors or energy cages is suitable for large flow volumes of up to 16 m³/h. Thanks to its modular system with pre-assembled segments, the required number of manifold circuits can be assembled quickly and easily.

Fast connection:

All circuit connections are connected to the new plug spigots without a screw connection.

Features:

- Integrated flow meter 5-42 l/min in the return pipe
- Supply pipe with shut off valves
- Return pipe with regulating valve and shut off valve
- Tried-and-tested O-ring seals between the manifold segments
- Tool-free assembly of plug spigots with O-ring seals
- Collector pipe with 1” filling and draining valve
- Optionally available with manometer and thermometer

Connection

- Circuit connections with PE 100 plug spigots d32 mm, d 40 mm or d 50 mm
- Heat pump connections with PE 100 spigots d 63 x 5.8 mm

Accessories:

- Thermometer -20°C to + 40°C
- Manometer with mounting valve 0–6 bar

Technical data:

Number of circuits *	2–30
Max. recommended flow rate (water)	16 m³/h
Max. operating pressure	3 bar
Max. test pressure	6 bar
Max. permissible temperature range	-20°C to +60°C
Brine circuit connections	PE 100 plug spigots d 32 mm, d 40 mm or d 50 mm
Heat pump connection	PE 100 spigots

*) Depending on the flow rate

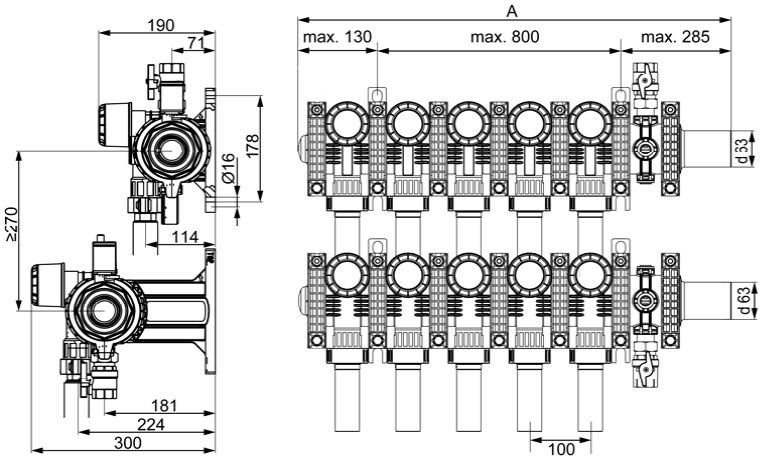
FRANK GmbH | Starkenburgstrasse 1 | 64546 Mörfelden-Walldorf | T +49 6105 4085 – 0 | info@frank-gmbh.de | www.frank-gmbh.de
Last updated 10/2020 | Subject to technical changes

Modular system:

Pre-assembled manifold sets with 2 or 3 circuits

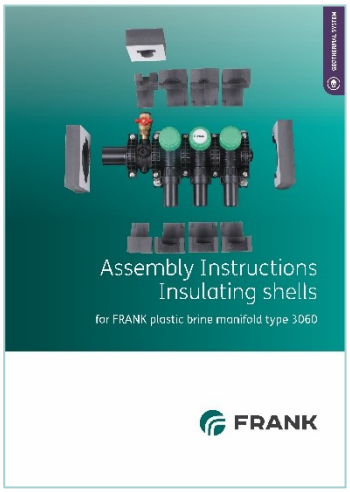
Basic package with heat pump connecting pieces, end caps, wall brackets as well as filling and draining valves

Dimensions:



Number of brine circuits	2	3	4	5	6	7	8	9	10	11
Length A [mm]	410	510	610	710	810	910	1010	1110	1210	1310
Number of brine circuits	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	. . .
Length A [mm]	1310	1410	1510	1610	1710	1810	1910	2010	2110	. . .

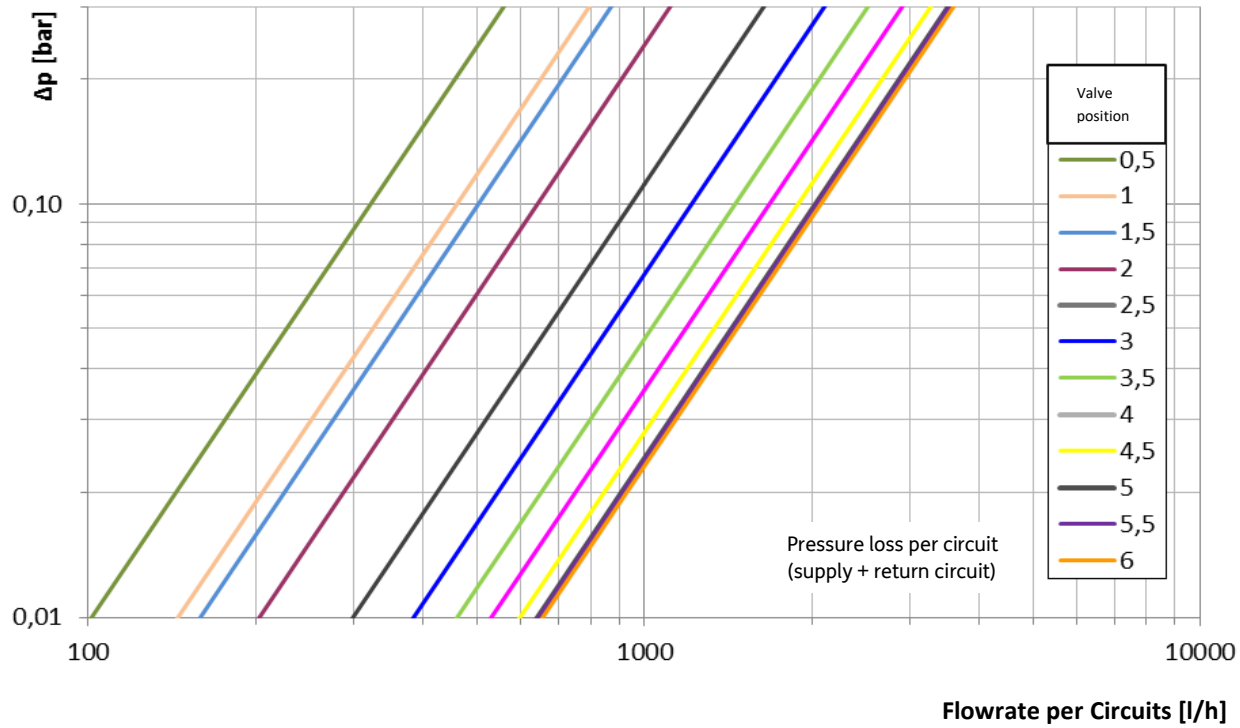
Option insulating shells:



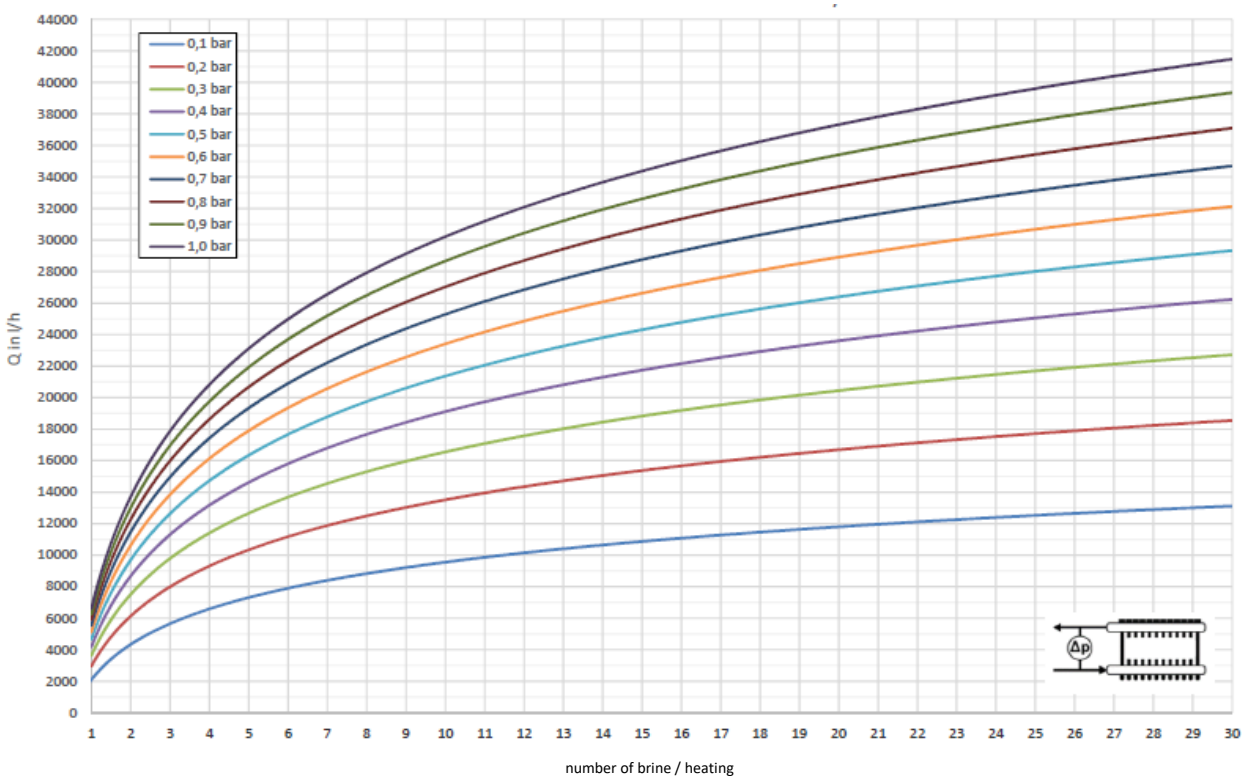
To prevent condensation, we offer an optional tailor-made set of insulating shells for the manifold type 3060.

FRANK GmbH | Starkenburgstrasse 1 | 64546 Mörfelden-Walldorf | T +49 6105 4085 – 0 | info@frank-gmbh.de | www.frank-gmbh.de
Last updated 10/2020 | Subject to technical changes

Flow rate charts



Total pressure loss:



FRANK GmbH | Starkenburgstrasse 1 | 64546 Mörfelden-Walldorf | T +49 6105 4085 – 0 | info@frank-gmbh.de | www.frank-gmbh.de