INQUIRY Heating and cooling circuit manifolds

E-MAIL **angebote@pewo.de**

Date _____ Deadline for quotation _____

☐ Personal contact with specialist personnel desired

Sender

Company

Location

Processor _____

E-mail _____

Phone/Fax _____

Technical contact

Company _____

Street _____

Postcode/City _____

Processor _____

E-mail _____

Phone/Fax _____

Address of property

Property/Street _____

Postcode/City _____

Technical wiring _____

conditions _____

Flow manifold and return collector

Manifold type ☐ **Heating circuit manifold**

☐ **Cooling circuit manifolds**

Basic parameters

Max. operating pressure 16 bar _____

Max. operating temperature 110°C _____

Total volume flow rate in m³/h _____

Temperature difference ΔT in K _____

Max. output Q in kW _____

Structural design

☐ Wall-mounted frame ☐ Upright frame

in modular design (with partition) ☐ Yes ☐ No

Number of partitions _____

Height of support bracket _____

	Nominal diameter DN	Max. volume flow rate in m³/h	
	At ΔT 20 K	At 0.4 m/s	At 0.6 m/s
☐	50	3.5	5.0
☐	65	5.5	8.5
☐	80	7.0	12.0
☐	100	10.0	17.0
☐	125	17.0	27.0
☐	150	24.0	38.0
☐	200	44.0	72.0
☐	250	70.0	115.0
☐	300	100.0	153.0
☐	350	140.0	208.0
☐	400	180.0	271.0
☐	500	280.0	424.0
☐	600	400.0	611.0
☐	700	550.0	830.0
☐	800	700.0	1,085.0

Additional equipment

☑ Filling and draining valve

☐ Drain channel including holder

☐ ½" sleeve for pressure gauge

Connections on manifold

☐ None ☐ 1 " outside thread

☐ 3/4 " outside thread ☐ _____

Heat insulation

☐ None

☐ PUR

☐ Mineral fibre with steel jacket

Cold insulation

☐ None

☐ Armaflex

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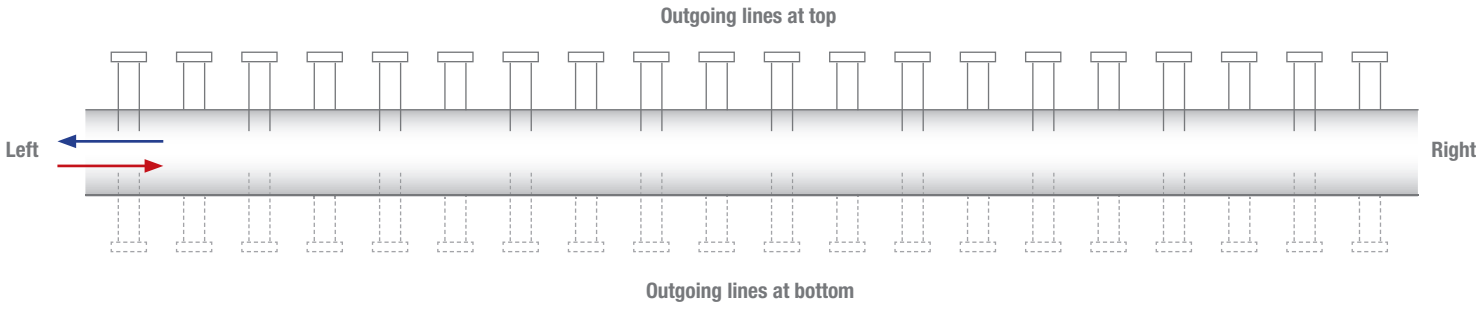
INQUIRY Heating and cooling circuit manifolds

Manifold connecting piece

Number of connecting pieces at TOP or BOTTOM (flow VL/ return RL)

Pairwise ☑ Yes

Outgoing lines of heating circuits from left to right	**Special connecting piece** Left	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	**Special connecting piece** Right
Nominal diameter DN (25, 32, 40, etc.)																						
Feed / outgoing lines – please select																						
Position of feed																						
Outgoing line																						
Top																						
Bottom																						
Connection or cut-out – please select																						
Flange (FLA)																						
Outside thread (AG)																						
Inside thread (IG)																						
Weld end (ASE)																						
Isolation flap (ASK)																						
Ball valve (KUH)																						
Dummy flange (BFLA)																						



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INQUIRY Heating circuits

Closed loop control

Closed loop control ☐ Yes ☐ No

Regulator make _____

Building management system (BMS)

Connection into BMS ☐ Yes ☐ No

Interface to BMS

☐ Modbus RTU ☐ Modbus TCP

☐ BacNet IP ☐ BacNet MSTP ☐ Mbus

Miscellaneous _____

Feed to booster pump

☐ Yes ☐ No

Max. operating temperature 100°C _____

Miscellaneous comments (special designs / heat meter, etc.)

_____

_____

_____

Outgoing lines of heating circuits from left to right – please select	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Mixed heating circuit (M)																				
Unmixed heating circuit (U)																				
Injection circuit (E)																				
Design																				
Output in kW																				
Flow temperature in °C																				
Spread ΔT in Kelvin (K)																				
Heating circuit pressure loss Δp in kPa																				
Equipment																				
Heat pump																				
Heat meter (WZ)																				
Adapter for heat meter (PWZ)																				
Strainer in return (SF)																				
Filling and draining valve (FUE) VL/RL																				
Isolation flap (ASK)																				
Ball valve (KUH)																				
Thermometer (TI) VL/RL																				
Flow pressure gauge (PI)																				
Return pressure gauge (PI)																				

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