

Hoval TransShare

Heating distributor



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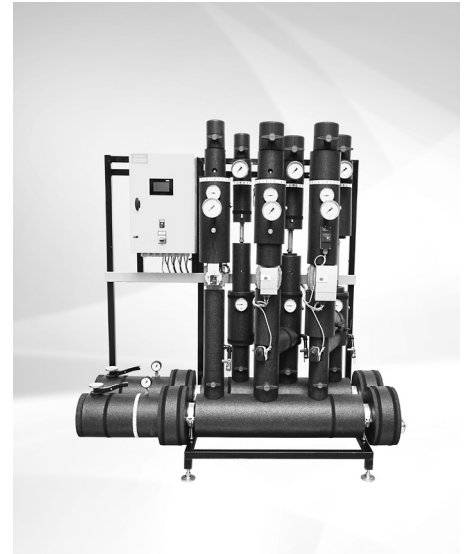
Hoval TransShare

- Flexible heating distributor in a fully welded configuration, mounted without vibration on a stand frame.
- The type of connection to the heat generator can be freely selected prior to production and is either on the left or right facing up.
- The heating distributor design can include a controller and an electric control panel. The TopTronic® E controller and all electrical field devices (drive and sensor) are then wired and ready to connect.
- For cold applications below the dew point, we offer the TransShare cold distributor with the appropriate valves, double corrosion protection coating and optional cold insulation.
- The system is designed and manufactured in line with the generally recognised codes of practice and is certified according to ISO 9001.
- Various hydraulic variants are possible, e.g.:
 - with domestic water heating in the buffer storage principle
 - set-up with several mixers and/or direct heating circuits
 - set-up with two return flow collectors (high temperature and low temperature)
- Setting up with two return collectors is to be recommended if there is a high or medium-temperature heating circuit and a low-temperature heating circuit. The lower return temperature leads to higher efficiency levels in condensing boilers and a greater heat energy content in the buffer storage tank. Planning of the TransShare heating distributor is always carried out in relation to the building, and is adapted to the corresponding output values, temperatures and flow rates.
- Complete preassembly shortens installation times and minimises the amount of work involved.
- Thermal insulation in EPP or mineral wool with galvanised sheet steel.
- 3D CAD drawing on request



TransShare with thermal insulation made of mineral wool and jacket made of galvanised sheet steel

Nominal pressures up to PN 10 and maximum temperatures up to 110 °C are possible



TransShare with EPP thermal insulation

Further information and prices
on request

TransShare heating circuit distributor

	Flow rate V [m ³ /h]	Distributor DN	max. output at				
			ΔT 15 K [kW]	ΔT 20 K [kW]	ΔT 25 K [kW]	ΔT 30 K [kW]	ΔT 40 K [kW]
Freely configured	1.49	25	25.8	34.5	43.1	51.7	68.9
	2.54	32	44.0	58.7	73.4	88.1	117.5
	3.41	40	59.1	78.8	98.6	118.3	157.7
	5.46	50	94.7	126.2	157.8	189.4	252.5
	9.08	65	157.5	209.9	262.4	314.9	419.9
	12.51	80	216.9	289.2	361.6	433.9	578.5
Standard design configuration	21.08	100	365.5	487.4	609.2	731.1	974.8
Freely configured	31.88	125	552.8	737.1	921.4	1105.7	1474.2
Standard design configuration	46.64	150	808.8	1078.4	1348.0	1617.6	2156.8
Freely configured	78.37	200	1359.0	1812.0	2265.0	2718.0	3624.0
	124.62	250	2161.0	2881.4	3601.7	4322.1	5762.8
	176.27	300	3056.7	4075.6	5094.5	6113.4	8151.2
	214.21	350	3714.6	4952.8	6191.0	7429.2	9905.7
	277.82	400	4817.7	6423.6	8029.5	9635.4	12847.2

Flow rate – nominal diameter – ΔT output at max. 0.65 m/s

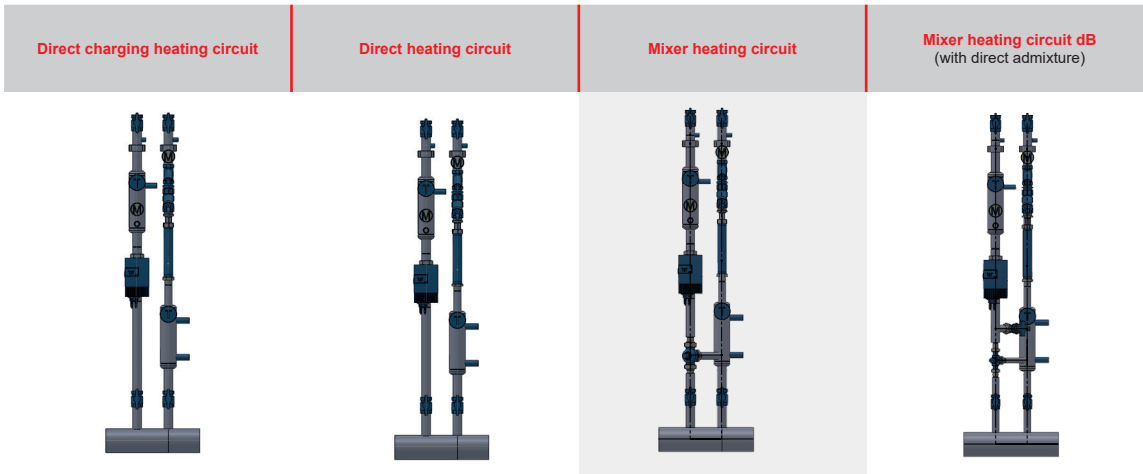
TransShare heating circuits

	Flow rate V [m ³ /h]	HC DN	max. output at				
			ΔT 7 K [kW]	ΔT 10 K [kW]	ΔT 15 K [kW]	ΔT 20 K [kW]	ΔT 25 K [kW]
Standard design configuration	1.35	20	10.9	15.6	23.4	31.2	39.0
	2.63	25	21.0	30.0	46.0	61.0	76.0
	5.09	32	41.0	59.0	88.0	118.0	147.0
	6.83	40	55.0	79.0	118.0	158.0	197.0
	10.92	50	88.0	126.0	189.0	252.0	316.0
Freely configured	18.17	65	147.0	210.0	315.0	420.0	525.0
	25.02	80	202.0	289.0	434.0	578.0	723.0
	42.16	100	341.0	487.0	731.0	975.0	1218.0
	63.75	125	516.0	737.0	1105.0	1474.0	1842.0
	93.28	150	755.0	1078.0	1618.0	2157.0	2696.0
	153.74	200	1244.0	1777.0	2666.0	3555.0	4443.0
	249.24	250	2017.0	2811.0	4322.0	5763.0	7203.0

Flow rate – nominal diameter – ΔT output at max. 1.3 m/s


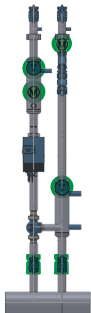
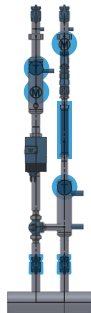
VERSIONS

of the heating circuits in standard design

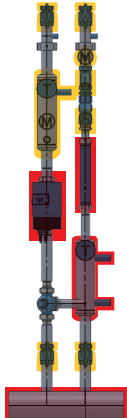


All heating circuits shown in standard design **Premium**.

Equipment of the heating circuits, taking the example of a mixer heating circuit

Basis	Comfort	Premium
		
<ul style="list-style-type: none"> • Three-way valve • Pump • 2 shut-off valves • 2 thermometers • Non-return valve • Strainer 	<ul style="list-style-type: none"> • Three-way valve • Pump • 4 shut-off valves • 2 thermometers (Ø 63 mm) • Non-return valve • Strainer • 2 pressure gauges (Ø 63 mm) • Fill and drain valve 	<ul style="list-style-type: none"> • Three-way valve • Pump • 3 shut-off valves • 2 thermometers (Ø 100 mm) • Non-return valve • Strainer • 2 pressure gauges (Ø 100 mm) • Fill and drain valve • Heat meter adapter • Flow rate limiter
		<p>Standard design for DN 25 DN 32 DN 40 DN 50</p> <p>Free configuration also for: DN 25 DN 32 DN 40 DN 50 and > DN 50 ...</p>

The planning according to the plant of the selected standard design

Premium	
<p>Standard</p> <ul style="list-style-type: none"> • Shut-off valves • Thermometer • Non-return valve • Flow rate limiter • Fill and drain valve • Strainer 	<p>Planned (according to system data)</p> <ul style="list-style-type: none"> • Pump • Three-way valve with drive • Heat meter adapter • Thermal insulation* <ul style="list-style-type: none"> - Insulation EPP 50 % - Insulation EPP 100 % • TopTronic® E, TopTronic® E-FW incl. sensors, wiring and control panel* • Power supply • Distributor/collector <p>* not illustrated</p>
	

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Hoval is one of the leading international companies for heating and indoor climate solutions. Drawing on more than 80 years of experience and benefiting from a close-knit team culture, the Hoval Group delivers exciting solutions and develops technically superior products. This leadership role requires a sense of responsibility for energy and the environment, which is expressed in an intelligent combination of different heating technologies and customised indoor climate solutions.

Hoval also provides personal consultations and comprehensive customer service. With around 2500 employees in 15 companies around the world, Hoval sees itself not as a conglomerate, but as a large family that thinks and acts globally.

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Responsibility for energy and environment

Your Hoval partner

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