

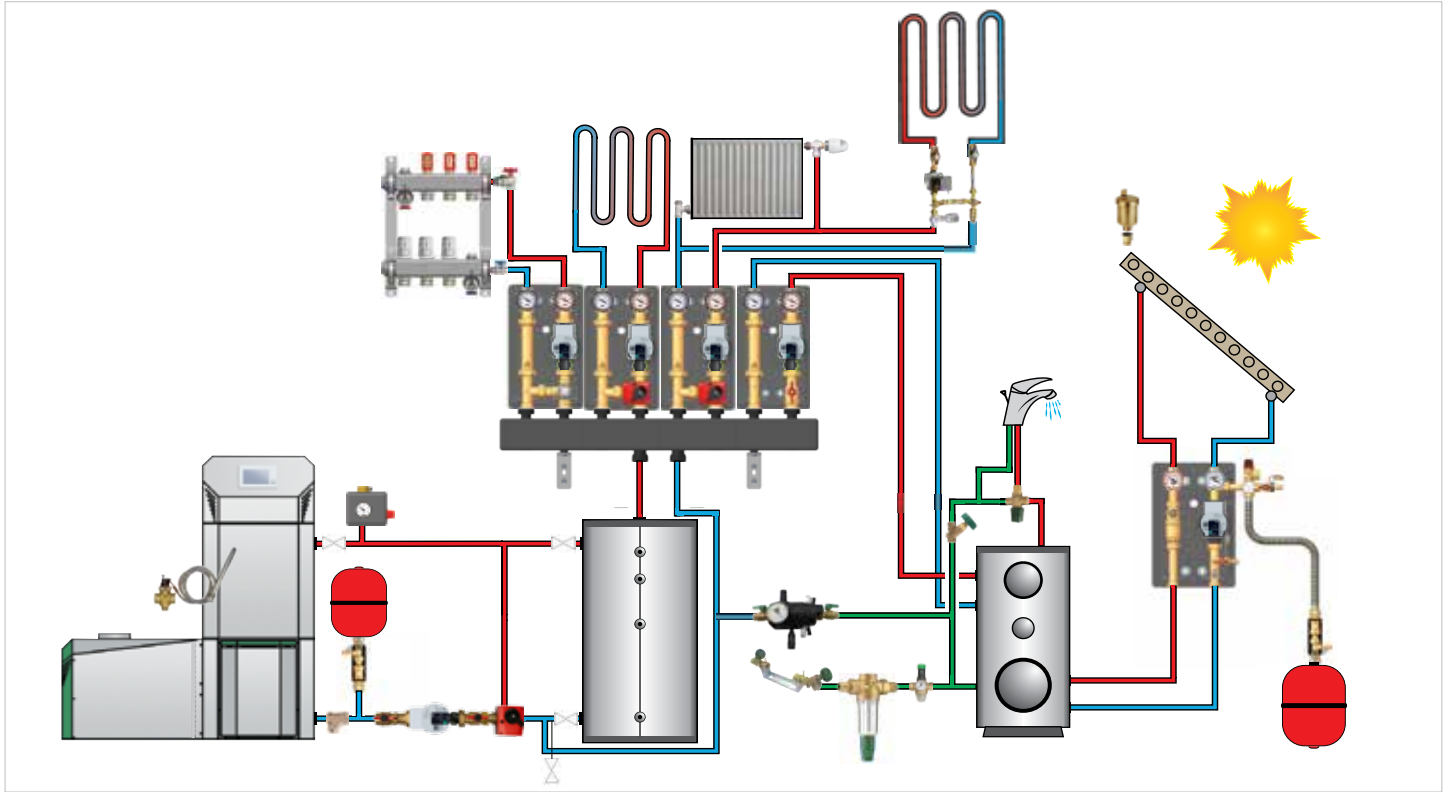
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PUMPFIX

Pump groups





PUMPFIX Pump groups

HERZ boiler groups of the series "PUMPFIX" are compact system components with isolation, safety valves, control and regulating equipment for connecting power and supply circuits in building services technology. Depending on the application requirements, HERZ PUMPFIX pump groups consist of heating circulation pumps from different manufacturers and various levels of efficiency, isolating valves, temperature gauges, backflow preventer, spacer, control valves, mixing valves with manual adjustment and 3-point actuator, safety valve, and air vent.



PUMPFIX DIRECT

Pump group for direct heating or direct connection between the boiler and water cylinders.

Components:

- Thermometer isolating ball valves (0 - 120 °C)
- With or without electronic circulation pump
- Spacer with check valve
- Connecting part with isolation valve
- With thermal insulation
- Spacing between supply and return: 125 mm



PUMPFIX CONSTANT

Pump groups for thermostatic controlling of the heating circuit.

Components:

- Thermometer isolating ball valves (0 - 120 °C)
- With or without electronic circulation pump
- Spacer with check valve
- Mixing valve with thermostatic head and contact sensor
- With thermal insulation
- Spacing between supply and return: 125 mm

Model	DN	kvs	Order number
without pump	20	7.8	1 4514 11
	25	20	1 4510 25
	32	28	1 4514 21
with high efficiency pump	20	7.8	1 4514 12
	25	20	1 4510 26
	32	28	1 4514 22

kvs	Order number
2.6	1 4514 07
2.6	1 4514 08



☑ PUMPFIX MIX

Pump group for electronic controlling of the heating circuit.

Components:

- Thermometer isolating ball valves (0 - 120 °C)
- Overflow valve (Accessory)
- With or without electronic circulation pump
- Spacer with check valve
- 3-ways-mixing valve with bypass (DN25)
- Actuating drive for 3-point control
- With thermal insulation
- Spacing between supply and return: 125 mm



☑ PUMPFIX SOLAR

Pump group for solar systems.

Components:

- Thermometer isolating ball valves with check valve (0 - 150 °C)
- With or without electronic circulation pump
- Expansion vessel connection
- PICV 4 - 24 l/min
- With sight glass and draining
- Spacer with venting
- Incl. safety valve 6 bar and manometer
- With thermal insulation

Model	DN	kvs	Order number	DN	Order number
without pump	20	4	1 4514 14	20	1 4513 02
	20	6.3	1 4514 15		
	25	4	1 4511 44		
	25	6.3	1 4511 45		
	25	10	1 4511 46		
	32	10	1 4514 24		
	32	16	1 4514 25		
with high efficiency pump	20	4	1 4514 16	20	1 4513 12
	20	6.3	1 4514 17		
	25	4	1 4511 47		
	25	6.3	1 4511 48		
	25	10	1 4511 49		
	32	10	1 4514 26		
	32	16	1 4514 27		

☑ PUMPFIX distributor

of sheet steel with two-chamber system, incl. fastening material and thermal insulation.



Model	DN	Order number	DN	Order number
for 2 pump groups	25	1 4501 11	32	1 4501 30
for 3 pump groups		1 4501 12		1 4501 31
for 4 pump groups		1 4501 13		1 4501 32
for 5 pump groups		1 4501 14		1 4501 33



Accessories

Model	DN	Order number
	PUMPFIX overflow valve for Pumpfix stations DIRECT, MIX or CONSTANT for installation between the supply and return. Setting range: 0 to 0.5 bar.	20 1 4514 99
	HERZ hydraulic separator of sheet steel - With thermal insulation - Max. operating temperature: 110°C - Max. operating pressure: 4 bar - Compatible with PUMPFIX distributor DN 25	25 1 4513 53
	HERZ hydraulic separator of sheet steel - With thermal insulation - Max. operating temperature: 110°C - Max. operating pressure: 4 bar - Compatible with PUMPFIX distributor DN 32	32 1 4513 54
	Connection set of flexible pipe and fastening clip for the mounting of pressure expansion vessels up to 35 litres. Flexible pipe DN16, 500 mm, union nut 3/4" on both sides, flat sealing, Console, wall pipe center 220 mm, 3/4" male thread on both sides, flat sealing connection possible. Console suitable for direct assembly of 1 2205 02, ball valve for expansion tank connection DN 20.	1 4513 30
	Set for wall mounting consisting of: 2 mounting brackets, 4 plastic plugs, 4 screws and 4 nuts for wall mounting of distributor as well as 2 M12 nuts and 2 washers to assemble the distributor on the mount.	25 1 4513 93
		32 1 4513 94
	Adapter for PUMPFIX G 1" - G 1 1/4" with freely rotating union nut G 1 1/4", including flat seal	1 4501 36
	Adapter for PUMPFIX G 1 1/4" - G 1 1/4" with freely rotating union nut G 1 1/4", including flat seal	1 4501 37
	Adapter for PUMPFIX G 1 1/2" - G 1 1/2" with freely rotating union nut G 1 1/2", including flat seal	1 4501 38
	Adapter-Fastening Set enables assembly of the pump group DN 25 to the distributor DN 32 (only for stainless steel manifolds). The set includes also 2 flat seals. Material of adapter: brass, material of flat seals: EPDM Above: 1 1/4" female thread, below: 1 1/2" male thread	1 4510 51
	HERZ actuator Two-part housing of self-extinguishing plastic, lower part black and upper part red. The drive is fastened to the mixing valve using a single screw. The supplied pin protects against twisting. The installation orientation can be chosen freely in 90° steps. The rotation angle is limited to 90°. Upon reaching the end stops, the drive is electrically switched off and thereby deenergised. Controlled by a 3-point actuator 230 V, 90°C, 10 Nm, 140 sec.	1 7712 63

