



Designed for,
a modern heating room

Buffer tanks with two coils

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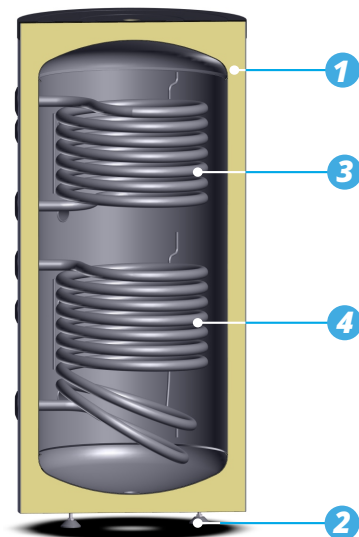
Buffer tanks are in vertical version. They are perfectly suitable for all kinds of heat installations with boilers for solid fuel, oil, gas, heat pump or electric flow heaters. The buffer tank version with two coils makes it possible to support a heating system with a solar system. The tanks have large, efficient coils which makes it possible to directly connect a solar system and an additional heat source (no need to use additional heat exchangers). A large number of connections allows for the use of the tank in untypical heating installations as well as combining tanks in batteries, which makes it possible to adjust the total capacity to individual needs.

Thermal insulation

The thermal insulation of the buffers consists of a layer of permanently bonded CFC-free polyurethane hard foam and a replaceable PVC foil layer jacket.

Technical description

- > Material: **S235JR**
- > Welding: **automatic** welding
- > Maximum operating pressure of the tank: **3 bar**
- > Maximum test pressure: **4,5 bar**
- > Maximum operating temperature: **95°C**
- > Insulation: **50mm** thick polyurethane foam
- > Outer jacket: color **gray**
- > Heat exchangers: **S235JR** steel pipe



1 PUR foam insulation for **excellent thermal insulation**

2 Feet for **buffer alignment**

3 **Efficient coil** with special design for an additional heat source

4 **Efficient coil** with special design for solar installation

			WT1	WT2	WT1	WT2	WT1	WT2
Capacity		l	200		300		500	
Max. permissible temperature (tank/coil)		°C	95/110		95/110		95/110	
Max. operating pressure (buffer/coil)		bar	3/16		3/16		3/16	
Coil capacity		l	5	3,1	6,4	5	13,4	6,2
Coil surface		m ²	0,9	0,6	1,2	0,9	2,4	1,1
Insulation thickness		mm	50		50		50	
Diameter with insulation	D	mm	607		657		757	
Diameter without insulation	P	mm	500		550		650	
Tank height/diagonal	H	mm	1306/1395		1462/1557		1783/1891	
Water drain	h1	mm	74		74		74	
Connection	h2	mm	323		262		409	
Sensor 1	h3	mm	323		262		409	
Connection	h4	mm	323		262		409	
Solar exchanger (return)	h5	mm	351		354		394	
Connection	h6	mm	561		624		748	
Sensor 2	h7	mm	561		624		748	
Sensor 3	h8	mm	561		624		748	
Connection	h9	mm	561		624		748	
Solar exchanger (supply)	h10	mm	693		757		1038	
Connection	h11	mm	799		886		1088	
Sensor 4	h12	mm	799		886		1088	
Connection	h13	mm	799		886		1088	
Additional heat source (return)	h14	mm	867		927		1211	
Sensor 5	h15	mm	996		1143		1427	
Connection	h16	mm	1037		1148		1427	
Sensor 6	h17	mm	1037		1143		1427	
Connection	h18	mm	1037		1148		1427	
Additional heat source (supply)	h19	mm	1082		1228		1512	
Vent	h20	mm	1281		1437		1758	

Connections

Water drain	G	1 1/2"		1 1/2"		1 1/2"	
Connection	G	1 1/2"		1 1/2"		1 1/2"	
Sensor	G	1/2"		1/2"		1/2"	
Solar exchanger (supply/return)	G	1" / 1"		1" / 1"		1" / 1"	
Additional heat source (supply/return)	G	1" / 1"		1" / 1"		1" / 1"	
Vent	G	1 1/2"		1 1/2"		1 1/2"	
Weight	kg	79		100		154	

G - internal thread type G

