

Designed for,
a modern heating room

Buffer tanks with one coil

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FISH S5 200 X	693 050 200
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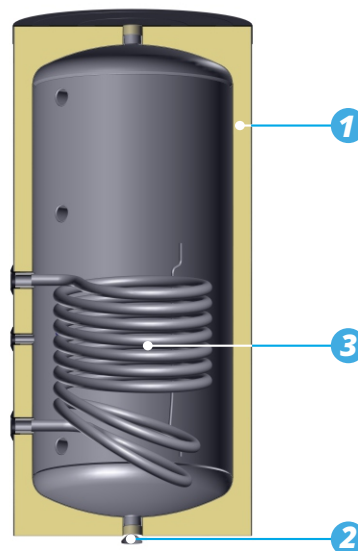
Buffer tanks in standing version. Ideally suited for all types of heating systems with solid fuel boilers, oil, gas, heat pump or electric boilers. The buffer tank version with two coils enables the heating system to be supported by a solar thermal system. The tanks have a large, efficient coil which enables a direct connection of a solar system and an additional heat source (without the necessity of using additional heat exchangers). A large number of connections enables the application of the tank in non-standard heating installations as well as the combination of tanks into 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**

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

2 Feet for **buffer alignment**

Tank 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	6,4	13,4
Coil surface		m ²	0,9	1,2	2,4
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	1782/1891
Water drain	h1	mm	75	75	75
Connection	h2	mm	326	272	409
Sensor 1	h3	mm	326	272	409
Connection	h4	mm	326	272	409
Solar exchanger (return)	h5	mm	354	354	394
Connection	h6	mm	564	594	748
Sensor 2	h7	mm	564	594	748
Sensor 3	h8	mm	564	594	748
Connection	h9	mm	564	594	748
Solar exchanger (supply)	h10	mm	696	757	1038
Connection	h11	mm	802	916	1088
Sensor 4	h12	mm	802	916	1088
Connection	h13	mm	802	916	1088
Connection	h14	mm	1040	1238	1427
Sensor 5	h15	mm	1040	1238	1427
Connection	h16	mm	1040	1238	1427
Vent	h17	mm	1281	1438	1758
Connections					
Water drain		Rp	1 1/2"	1 1/2"	1 1/2"
Connection		Rp	1 1/2"	1 1/2"	1 1/2"
Sensor		Rp	1/2"	1/2"	1/2"
Solar exchanger (supply/return)		Rp	1" / 1"	1" / 1"	1" / 1"
Vent		mm	1 1/2"	1 1/2"	1 1/2"
Weight		kg	67	82	132

R - external thread, Rp - internal thread

