



Designed for,
a modern heating room

Domestic hot water tanks with one coil

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DHW tanks in standing version for domestic hot water preparation. The contact surface of the hot water tank is protected against corrosion by a layer of high-quality enamel and two magnesium anodes*. In accordance with DIN 4753, this ensures that the domestic hot water only comes into contact with a hygienically clean surface. Domestic hot water is heated via a water heat exchanger made of a smooth pipe, welded on the connection to an external heat source such as a solar system, heat pump, boiler, etc. or optionally an electric heater.

Thermal insulation

Thermal insulation in the tanks is a layer of permanently bonded CFC-free polyurethane hard foam and a replaceable layer of PVC foil.

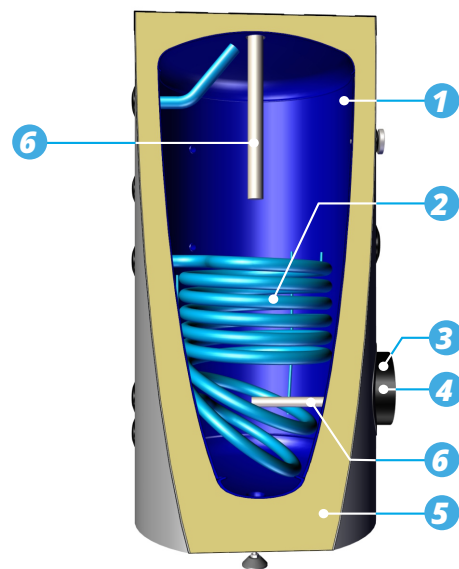
Standard equipment

Inspection opening, thermometer, electric heater socket, 2 magnesium anodes*, internal coil.

*Optionally a titanium anode can be used.

Technical description

- > Material: **S235JR**
- > Welding: **automatic** welding
- > Protection: **high-quality** enamel coating and **2 protective anode**
- > Maximum operating pressure of the tank: **10 bar**
- > Maximum test pressure: **15 bar**
- > Maximum operating temperature: **95°C**
- > Insulation: **50mm** thick polyurethane foam
- > Outer jacket: color **gray**
- > Heat exchangers: steel pipe **P235GH**
- > Inspection opening: **ø122mm/ø179mm**



- 1 High-quality enamel** for reliable corrosion protection
- 2 Efficient coil** with special design for solar installation
- 3 Connection socket** for mounting a dedicated **UV-20 disinfection system**
- 4 Inspection opening** for easy cleaning, possibility to install a heater
- 5 PUR foam insulation** for **excellent thermal insulation**
- 6 Protective magnesium anode** for corrosion protection

Capacity		L	200	300	400	500
Coefficient of performance N_e			4,5	11	14	24
Constant performance* (80/10/45)**		kW	31	39	50	68
Constant performance* (80/10/45)**		l/h	760	960	1230	1670
Max. permissible temp. (tank/coil)		°C	95/110	95/110	95/110	95/110
Max. permissible pressure (tank/coil)		bar	10/16	10/16	10/16	10/16
Exchanger capacity		l	5	6,4	8,9	13,4
Exchanger surface		m ²	0,9	1,2	1,6	2,4
Insulation		mm	50	50	50	50
Diameter with insulation	D	mm	607	657	757	757
Tank diameter (without insulation)	P	mm	500	550	650	650
Height of the device/diagonal	H	mm	1306/1395	1461/1557	1502/1637	1783/1891
Water drainage	h1	mm	74	74	74	74
Cold water	h2	mm	259	263	294	295
Solar exchanger (return)	h3	mm	349	254	384	391
DHW sensor	h4	mm	463	543	535	722
Solar exchanger (supply)	h5	mm	691	757	808	1036
DHW sensor	h6	mm	733	791	855	1082
Circulation	h7	mm	872	950	1051	1264
DHW sensor	h8	mm	1003	1028	1175	1442
Hot water	h9	mm	1092	1243	1251	1534
Magnesium anode	h10	mm	1282	1432	1474	1755
Thermometer	h11	mm	993	1138	1196	1386
Electric heater	h12	mm	733	816	854	1082
Heater socket	h13	mm	384	402	437	433
Inspection hole	h14	mm	369	387	422	418
Magnesium anode	h15	mm	334	352	387	383
Connections						
Cold water/warm water	h2/h9	G	1"/1"	1"/1"	1"/1"	1"/1"
Circulation	h7	G	3/4"	3/4"	3/4"	3/4"
Solar exchanger (supply/return)	h5/h3	G	1"/1"	1"/1"	1"/1"	1"/1"
Electric heater/heater socket	h12/h13	G	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Inspection opening	h14	mm	122/179	122/179	122/179	122/179
DHW sensor	h4/h6/h8	G	1/2"	1/2"	1/2"	1/2"
Thermometer	h11	G	1/2"	1/2"	1/2"	1/2"
Anode	h10	G	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Anode	h15	M8	M8	M8	M8	M8
Drainage	h1	G	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Weight (empty)		kg	80	105	155	191

G - internal thread type G

* at a heating medium flow rate of 2,5 m³/h

**80/10/45 - (heating medium inlet temperature/ supply water temperature/ DHW temperature)

