FISH S2 X

Designed for
a modern heating room

Domestic hot water tanks with two coils

INDEX

FISH S2 200 X	693 020 200
FISH S2 300 X	693 020 300
FISH S2 400 X	693 020 400
FISH S2 500 X	693 020 500

Standing hot water storage tanks for domestic hot water preparation. The hot water contact surface with the tank is protected against corrosion by a layer of high-quality enamel and 2 magnesium anodes*. Conformity to DIN 4753. This ensures that the domestic hot water only comes into contact with a hygienically clean surface.
Domestic hot water is heated by two water heat exchangers made of a smooth pipe, operating independently of each other, enabling the connection of an external heat source such as a solar system, heat pump, boiler, etc. or an optional 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.

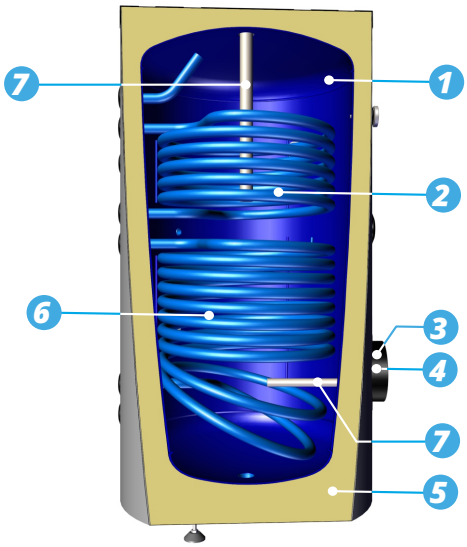
Standard *equipment*

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

***Optionally a titanium anode can be used.**

Technical *description*

- Material: **S235JR**
- Welding: **automatic** welding
- Protection: **high-quality** enamel coating and 2 protective anodes
- 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**



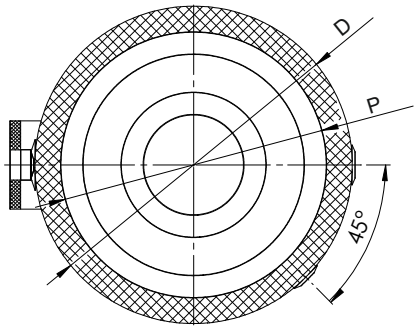
1. **High-quality enamel** for reliable corrosion protection
2. **Efficient coil for C.H.**
3. Connection socket for mounting a dedicated **UV-20 disinfection system**
4. **Inspection opening** for easy cleaning, possibility to install a heater
5. PUR foam insulation for **excellent thermal insulation**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

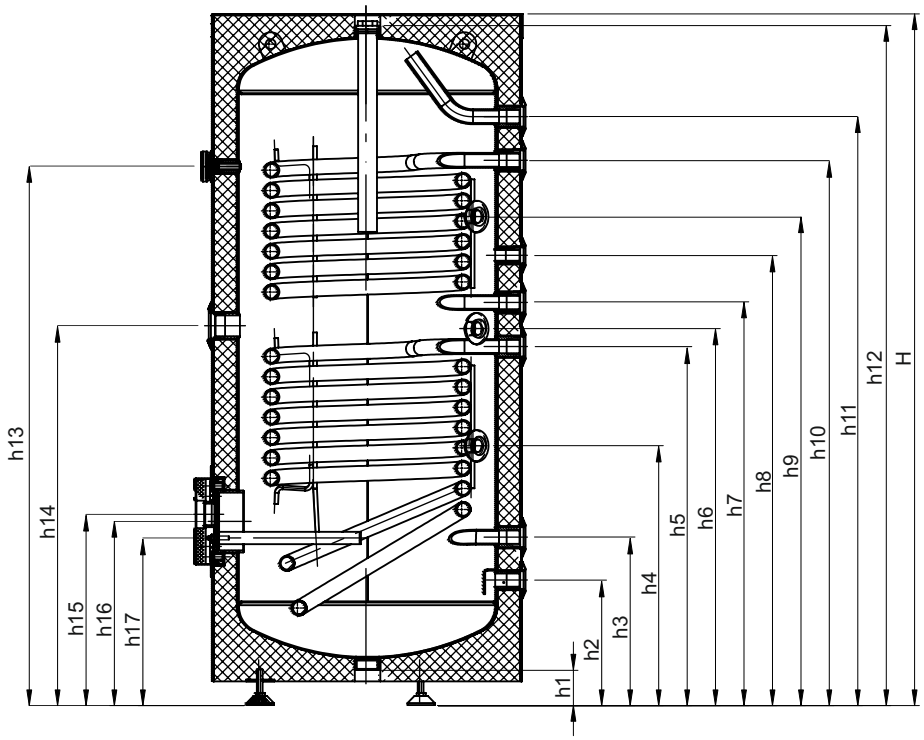
Piaskowa 7, 47-400 Racibórz +48 32 414 92 12 info@sunex.pl

15/11/2023

			FISH S2 200 X		FISH S2 300 X		FISH S2 400 X		FISH S2 500 X	
			WT1	WT2	WT1	WT2	WT1	WT2	WT1	WT2
Capacity		L	200		300		400		500	
Coefficient of performance N_L			4,5	1,5	11	2,0	14	2,2	24	2,6
Constant performance* (80/10/45)**		kW	31	22	39	31	50	34	68	37
Constant performance* (80/10/45)**		l/h	760	540	960	760	1230	830	1670	910
Max. permissible temp. (tank/WT)		°C	95/110		95/110		95/110		95/110	
Max. permissible pressure (tank/WT)		bar	10/16		10/16		10/16		10/16	
Exchanger capacity		l	5	3,1	6,4	5	8,9	5,7	13,4	6,2
Exchanger surface		m^2	0,9	0,6	1,2	0,9	1,6	1,0	2,4	1,1
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	
C.H. exchanger (return)	h7	mm	784		850		901		1128	
Circulation	h8	mm	872		950		1051		1264	
DHW sensor	h9	mm	1003		1028		1175		1442	
C.H. exchanger (supply)	h10	mm	999		1147		1159		1429	
Hot water	h11	mm	1092		1243		1251		1534	
Magnesium anode	h12	mm	1282		1432		1474		1755	
Thermometer	h13	mm	993		1138		1196		1386	
Electric heater	h14	mm	733		816		854		1082	
Heater socket	h15	mm	384		402		437		433	
Inspection hole	h16	mm	369		387		422		418	
Magnesium anode	h17	mm	334		352		387		383	
Connections										
Cold water / hot water	h2/h11	G	1"/1"		1"/1"		1"/1"		1"/1"	
Circulation	h8	G	3/4"		3/4"		3/4"		3/4"	
C.H. exchanger (supply/return)	h10/h7	G	1"/1"		1"/1"		1"/1"		1"/1"	
Solar exchanger (supply/return)	h5/h3	G	1"/1"		1"/1"		1"/1"		1"/1"	
Electric heater/Heater socket	h14/h15	G	1 1/2"		1 1/2"		1 1/2"		1 1/2"	
Inspection opening	h16	mm	122/179		122/179		122/179		122/179	
DHW sensor	h4/h6/h9	G	1/2"		1/2"		1/2"		1/2"	
Thermometer	h13	G	1/2"		1/2"		1/2"		1/2"	
Anode	h12	G	1 1/2"		1 1/2"		1 1/2"		1 1/2"	
Anode	h17		M8		M8		M8		M8	
Drainage	h1	G	1 1/2"		1 1/2"		1 1/2"		1 1/2"	
Weight (empty)		kg	92		123		174		214	

G - Internal thread type G
WT1 - bottom coil, WT2 - top coil
* at a heating medium flow rate of 2,5 m^3/h
** 80/10/45 - (heating medium inlet temperature/ supply water temperature/ DHW temperature)





Piaskowa 7, 47-400 Racibórz +48 32 414 92 12 info@sunex.pl

15/11/2023

The product images on the technical sheet may differ from the appearance of the products on sale.