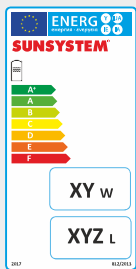




Compact water tank for domestic hot water.
Inlets/outlets with external thread.
The flange and all connections are located on the top of water tank.
Suitable for solar or/and space-heating systems.



Energy Efficiency.
Directive 2010/30/EU,
Regulation 812/2013:

Capacity, Liters

120 - 200

Class

C




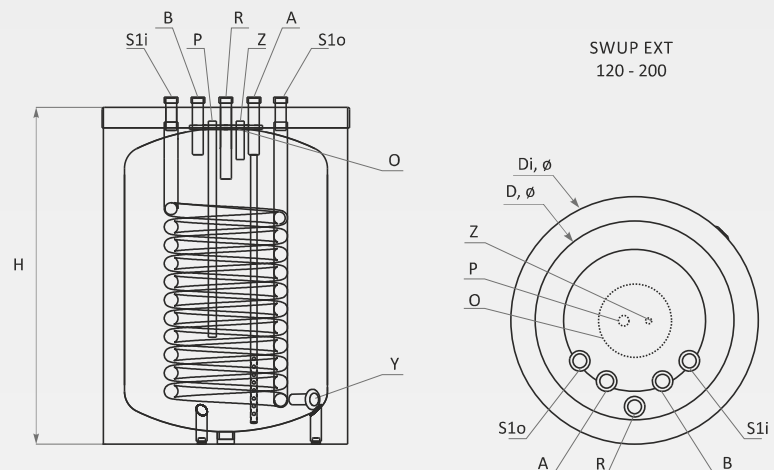
Insulation	High efficiency insulation (DIN 4753-8): rigid PU, thickness 50 mm. Outer lining of PVC with RAL 9006 color.
Water tank	Water tank of low-carbon steel S235JR. Complex corrosion protection realized by means of titanium enamel (DIN 4753-3) and anode protection (DIN 4753-6). Convenient inspection opening. (210 x 150 x LK 180), located on the top of water tank. Operating pressure: 10 bar Test pressure: 15 bar Maximum temperature: 95°C
Inlets/ Outlets	All connections are located on the top of water tank. External thread, flat seals, for following inlets/outlets: cold water, hot water, coils, recirculation.
One heat-exchanger coil	Enables the tank to utilize an external sources of renewable energy. Operating pressure: 16 bar Test pressure: 25 bar Maximum temperature: 160°C





**SWUP EXT
with one coil**

Vertical models



	Model	Code
120	SWUP EXT 120	01030107202020
150	SWUP EXT 150	01030107202021
200	SWUP EXT 200	01030107202022



General parameters

	H mm	D / Di mm	
120	853	ø500/600	88
150	1010	ø500/600	93
200	1300	ø500/600	104

Heat-exchanger coil

		S1 m ²	S1 L	S1 L/h (kW)	S1 NL 60°C	S1 Δp, mbar	S1 m ³ /h	S1i/S1o mm
120		1.2	7.5	980 (39.9)	1.8	100	1.7	Rp ³ / ₄ "
150		1.3	8.2	1100 (44.8)	2.1	120	1.9	Rp ³ / ₄ "
200		1.32	8.7	1130 (45.7)	2.2	125	1.9	Rp ³ / ₄ "

Inlets / Outlets

Vertical models SWUP EXT

A mm	B mm	O mm	P M8	R mm	Y mm	Z 9 mm
Rp ³ / ₄ "	Rp ³ / ₄ "	DN 100	✓	Rp ³ / ₄ "	Rp ¹ / ₂ "	✓
Rp ³ / ₄ "	Rp ³ / ₄ "	DN 140	✓	Rp ³ / ₄ "	Rp ¹ / ₂ "	✓
Rp ³ / ₄ "	Rp ³ / ₄ "	DN 140	✓	Rp ³ / ₄ "	Rp ¹ / ₂ "	✓

General parameters

- L** Capacity
- H, mm** Height
- øD / Di, mm** Diameter without insulation / with insulation
- kg** Weight

Inlets / Outlets

- A, mm** Cold water inlet
- B, mm** Hot water outlet
- O, mm** Inspection opening / flange
- P, mm** Anode
- R, mm** Recirculation
- Y, mm** Drain sleeve
- Z, mm** Pipe for sensor

Heat-exchanger coil

- S1** Heat-exchanger coil
- S1, m²** Heat exchange surface S1
- S1, L** Coil capacity S1
- S1/S2, L/h (kW)** Prolonged power acc. to DIN 4708; 10°C/80°C/45°C, S1
- S1/S2, NL 60°C** NL- power coefficient at 60°C, S1
- S1/S2, Δp, mbar** Pressure drop Δp, S1
- S1, m³/h** Flow rate of coil
- S1i/S1o, mm** Inlet/Outlet of coil S1