

SOLITANK

DHW TANK + BUFFER

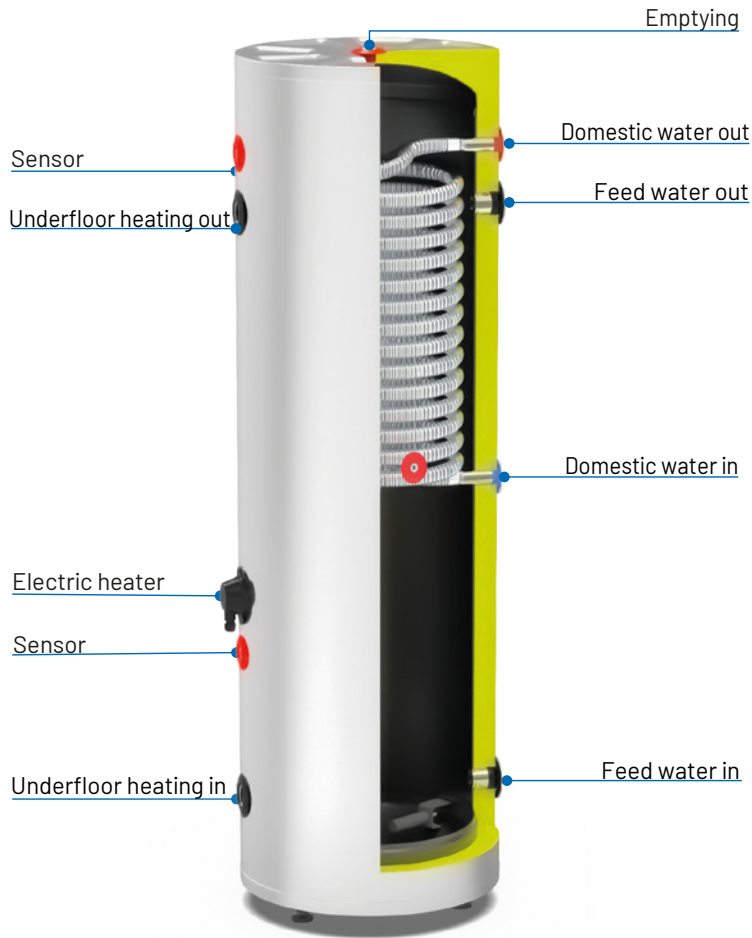
GENERAL INFORMATION

- ✓ Solitank models can store in 2 different versions at the same time according to the system needs. Domestic hot water + buffer tank.
- ✓ Hot water stored in the tank is used both for heating support and for heating domestic water.
- ✓ Domestic water is heated instantly in the spiral structure of the Chrome-Nickel 316L stainless steel in the tank. In this way, the formation of Legionella bacteria is prevented.
- ✓ Since Solitank models can be used as buffer tanks, they provide hydraulic separation between the heat pump circuit and the heating circuit flows. They also store excess energy and ensure that hot water is ready for sudden demands.
- ✓ Easy installation thanks to its compact design
- ✓ Perfectly compatible with heat pumps.
- ✓ Optional electric heater support.
- ✓ High quality insulated polyurethane.
- ✓ No anode rod required.
- ✓ Minimum maintenance.



SOLITANK		200	300	500	800	1000
Product information						
Energy efficiency class	-	C	C	D	E	E
Heat loss	W	74	85	140	195	220
Tank volume	L	170	245	460	850	1030
Basic data						
Weight	kg	67	85	106	165	190
Dimensions (height/diameter)	mm	1200 X 540	1750 X 540	1700 X 750	1850 X 1010	2150 X 1010
Max permissible boiler water temperature	°C	95	95	95	95	95
Maximum working pressure	bar	6	6	6	6	6
Insulating material	-	PU	PU	PU	Sponge	Sponge
Insulating thickness	mm	50	50	50	80	80
Outer cylinder material	-	Static painted galvanized sheet			Artificial leather	
Domestic water exchanger (AISI 316L)						
Water volume of the heat exchanger	L	12	12	13.5	22.5	27.5
Domestic water heat exchanger surface area	m ²	3.8	3.8	4.3	7.2	8.7
Maximum working pressure	bar	6	6	6	6	6
Pipe connection						
Feed water in/out	inch	G 1 1/4"	G 1 1/4"	G 2"	G 2"	G 2"
Underfloor heating in/out	inch	G 1 1/4"	G 1 1/4"	G 2"	G 2"	G 2"
Electric heater	inch	G 1 1/4"	G 1 1/4"	G 2"	G 2"	G 2"
Domestic water in/out	inch	G 3/4"	G 3/4"	G 3/4"	G 3/4"	G 3/4"
Sensor	inch	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"
Emptying	inch	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"

Varmeks reserves the right to make changes to this table at any time.



- ✓ More than 50% extra performance compared to traditional pipe
- ✓ Larger surface area, better heat transfer capacity and higher efficiency
- ✓ Stainless steel (AISI 316L) hose is suitable for drinking water application and highly resistant to corrosion.



Single flexible pipe

SCHEMATIC DIAGRAM OF INSTALLATION

