SOLIKOMBI

DHW TANK + SOLAR TANK + BUFFER

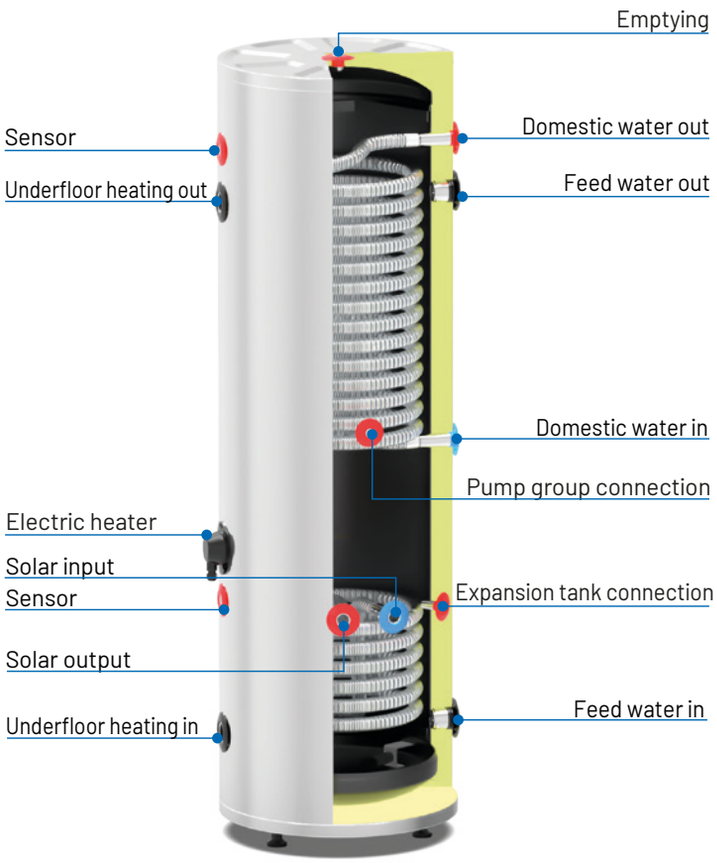
GENERAL INFORMATION

- ✓ Solikombi can store in 3 different versions at the same time according to the system needs. Solar energy + domestic hot water + buffer tank.
- ✓ The hot water stored in the tank is used both for heating support and for heating the domestic water.
- ✓ The domestic water is heated instantly within the spiral structure of the Chrome-Nickel 316L stainless steel in the tank. In this way, the formation of Legionella bacteria is prevented.
- ✓ Since it can be used as a buffer tank in Solikombi models, it provides hydraulic separation between the heat pump circuit and the heating circuit flows. It also stores excess energy and ensures that hot water is ready for sudden demands.
- ✓ Solikombi boilers can integrate more than one heat source.
- ✓ This is the most effective model when choosing a solar heat source.
- ✓ Perfectly compatible with heat pumps.
- ✓ Easy installation thanks to its compact design
- ✓ Optional electric heater support.
- ✓ High quality insulated polyurethane.
- ✓ No anode rod required.
- ✓ Minimum maintenance.



SOLIKOMBI		300	500	800	1000
Product information					
Energy efficiency class	-	C	D	E	E
Heat loss	W	85	140	195	220
Tank volume	L	245	460	850	1030
Basic data					
Weight	kg	89	112	175	190
Dimensions (height/diameter)	mm	1750 X 540	1700 X 750	1850 X 1010	2150 X 1010
Max permissible boiler water temperature	°C	95	95	95	95
Maximum working pressure	bar	6	6	6	6
Insulating material	-	PU	PU	Sponge	Sponge
Insulating thickness	mm	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	13.5	22.5	27.5
Domestic water heat exchanger surface area	m^2	3.8	4.3	7.2	8.7
Maximum working pressure	bar	6	6	6	6
Solar heating support (AISI 316L)					
Water volume of the heat exchanger	L	5.7	6.6	7.8	9.3
Domestic water heat exchanger surface area	m^2	1.8	2.1	2.5	3
Maximum working pressure	bar	6	6	6	6
Pipe connection					
Feed water in/out	inch	G 1 1/4"	G 2"	G 2"	G 2"
Underfloor heating in/out	inch	G 1 1/4"	G 2"	G 2"	G 2"
Electric heater	inch	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"
Solar input/output	inch	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"
Emptying	inch	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.



Double flexible pipe

SCHEMATIC DIAGRAM OF INSTALLATION

