![SOLIMPEKS logo]

SOLIBUFFER
BUFFER

GENERAL INFORMATION

✓ Perfectly matched with heat pumps.

✓ When choosing a non-solar heat source, this is most efficient model.

✓ Polyurethane with high quality insulation.

✓ No anode rod required.

✓ Minimum maintenance.

✓ Easy instlattation due to compact design.

	5 YEARS WARRANTY	CORROSION RESISTANCE	RAPID HEATING OF WATER

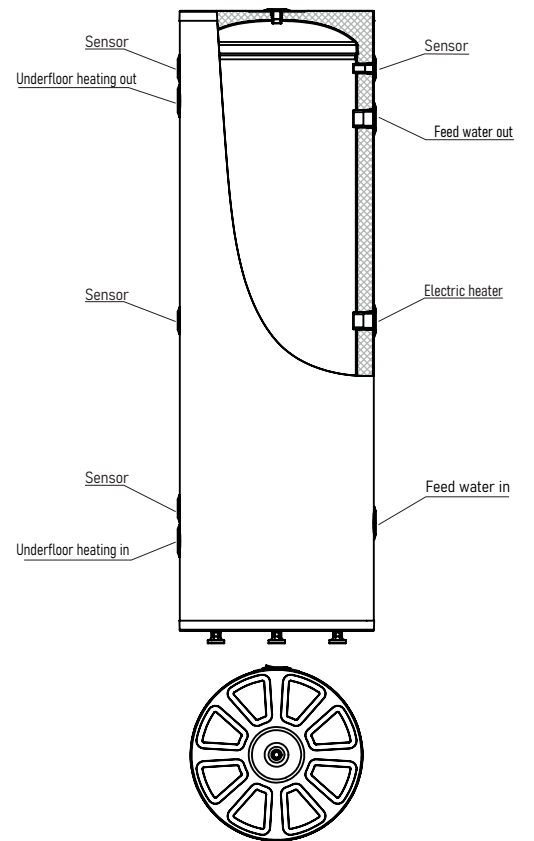| SOLIBUFFER		100	200	300	500	800	1000
Product information							
Energy effciency class	-	B	B	C	D	E	E
Heat loss	W	45	55	85	140	195	220
Tank volume	Liters	100	170	245	460	850	1030
Basic data							
Empty weight	kg	50	60	80	115	140	160
Full weight	kg	150	230	325	575	990	1190
Dimensions (height/diameter)	mm	750x540	1200x540	1725x540	1700x750	185x1010	2130x1010
Maximum working pressure	Bar	6	6	6	6	6	6
Max permissible boiler water temperature	C	95	95	95	95	95	95
Outer Cylinder Meterial	-	Electrostatic powder painted ST 37 steel				Leatherette jacket	
Insulating material	-	Polyurethane 50 mm 40 kg/m³				Foam Rubber 80 mm 14kg/m³	
Tank material	-	HRP 6222/3mm					
Domestic water exchanger (stainless steel AISI 316L)							
Water volume of the heat exchanger	Liters						
Surface drinking water exchanger	m²						
Maximum working pressure	Bar						
Solar heating support (stainless steel AISI 316L)							
Water volume of the heat exchanger	Liters						
Surface drinking water exchanger	m²						
Maximum working pressure	Bar						
Thermal output data							
Amount of hot water without reheating at a discharge rate of 8 l/min	Litres						
Amount of hot water without reheating at a discharge rate of 12 l/min	Litres						
Pipe connection							
Feed water in/out	inch	1 1/4"	1 1/4"	1 1/4"	2"	2"	2"
Underfloor heating in/out	inch	1 1/4"	1 1/4"	1 1/4"	2"	2"	2"
Electric heater	inch	1 1/4"	1 1/4"	1 1/4"	2"	2"	2"
Sensor	inch	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"

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

SCHMATICH DIAGRAM OF INSTALLATION

Fan coil cooling/heating

Underfloor heating

Radiator heating

Heat Pump