



# SOLIBUFFER

## BUFFER



### GENERAL INFORMATION

- ✓ Perfectly matched with heat pumps.
- ✓ When choosing a non-solar heat source, this is the most efficient model.
- ✓ Polyurethane with high quality insulation.
- ✓ No anode rod required.
- ✓ Minimum maintenance.
- ✓ Easy installation due to compact design.



SOLIBUFFER	50	100	200	300	500	800	1000
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**Product information**

Energy efficiency class	-	B	B	B	C	D	E	E
Heat loss	W	38	45	55	85	140	195	220
Tank volume	Liters	50	100	170	245	460	850	1030

**Basic data**

Empty weight	kg	15	50	60	80	115	140	160	
Full weight	kg	65	150	230	325	575	990	1190	
Dimensions (height/diameter)	mm	590x450	750x540	1200x540	1725x540	1700x750	185x1010	2130x1010	
Maximum working pressure	Bar	6	6	6	6	6	6	6	
Max permissible boiler water temperature	C	130	130	130	130	130	130	130	
Outer Cylinder Material	-	Electrostatic powder painted ST 37 steel					Leatherette jacket		
Insulating material	-	PU 25mm	Polyurethane 50 mm 40 kg/m <sup>3</sup>				Foam Rubber 80 mm 14kg/m <sup>3</sup>		
Tank material	-	HRP 6222/2mm	HRP 6222/3mm						

**Domestic water exchanger (stainless steel AISI 316L)**

Water volume of the heat exchanger	Liters							
Domestic water heat exchanger surface area	m <sup>2</sup>							
Maximum working pressure	Bar							

**Solar heating support (stainless steel AISI 316L)**

Water volume of the heat exchanger	Liters							
Heat exchanger surface area	m <sup>2</sup>							
Maximum working pressure	Bar							

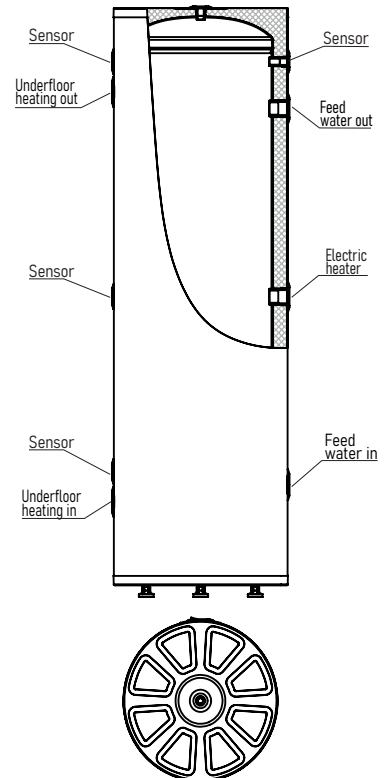
**Thermal output data**

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.



This picture belongs to solibuffer 300.



## SCHEMATIC DIAGRAM OF INSTALLATION

