



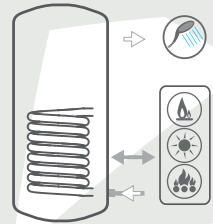
# ENAMEL COATED BOILERS

## TSE-V Single Coil



### GENERAL INFORMATION

- ✓ All surfaces in contact with clean water are hygienic and smooth, which does not allow bacterial growth.
- ✓ It is used for the preparation and storage of hot water together with solar collectors and heat sources.
- ✓ The inner surfaces of the boiler are advanced technology enamel coating.
- ✓ 200-400 µm enamel thickness.
- ✓ Electrostatic painted galvanized steel body.
- ✓ Produces fast hot water thanks to the expanded coil.
- ✓ Polyurethane with high quality insulation.



### TSE-V S

100

150

200

300

500

#### Basic data

Empty weight	kg	40	50	70	105	200
Full weight	kg	140	200	260	395	680
Dimensions (height/diameter)	mm	1000x500	1400x500	1200x600	1800x600	1700x730
Maximum working pressure	Bar	6	6	6	6	6
Max permissible boiler water temperature	°C	90	90	90	90	90
Tank material	-	Enamel coated on low carbon steel				
Outer Cylinder Material	-	Elektrostatic painted galvanized steel				
Insulating material	-	Polyurethane 30mm 40 kg/m³				

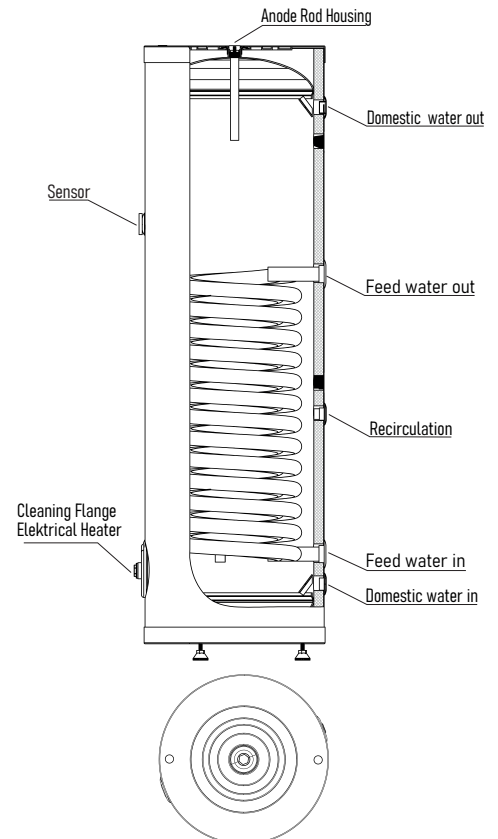
#### Heat source exchanger

Water volume of the heat exchanger	Liters	3.5	3.5	5.2	6	15
Heat exchanger surface area	m²	0.6	0.6	0.9	1.05	2.78
Maximum working pressure	Bar	6	6	6	6	6

#### Pipe Connection

Domestic water in/out	inch	1"	1"	1"	1"	1"
Feed water in/out	inch	1"	1"	1"	1"	1"
Cleaning Flange	inch	DN 80	DN 100	DN 80	DN 100	DN 100
Electric heater	inch	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Anode rod	inch	1"	1"	1"	1"	1"
Sensor	inch	1/2"	1/2"	1/2"	1/2"	1/2"

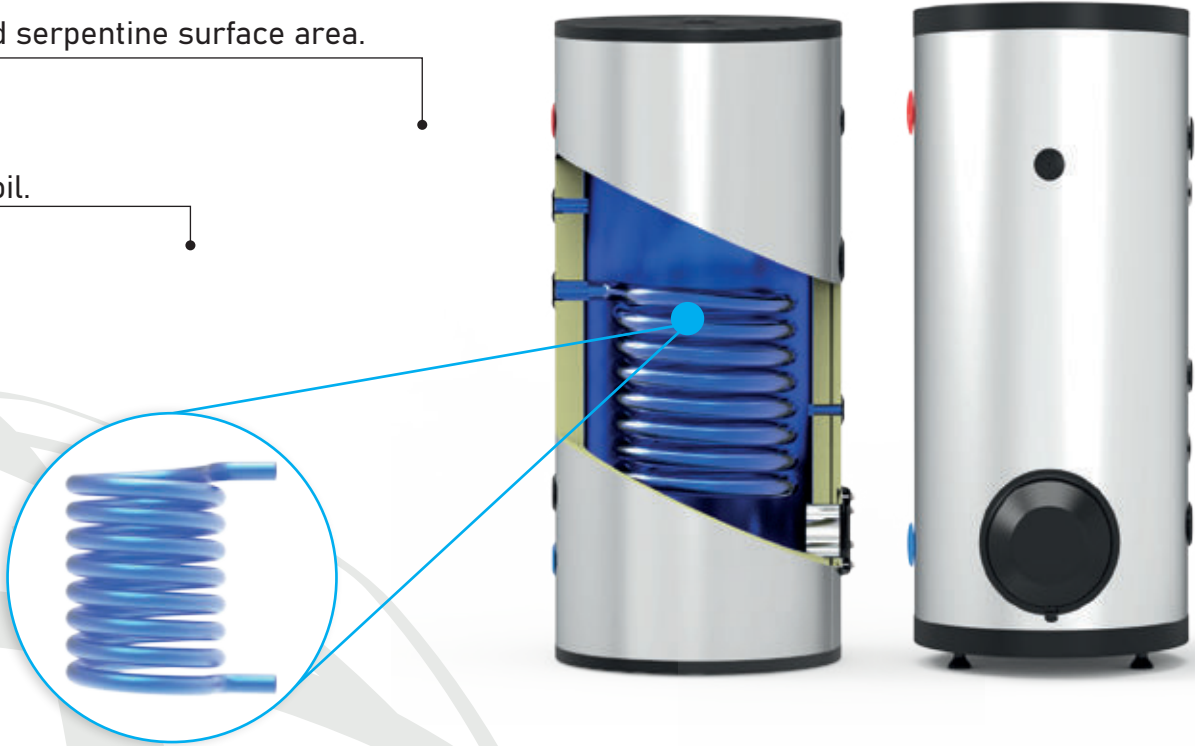
\*Solimpeks reserves the right to make changes to this table at any time.



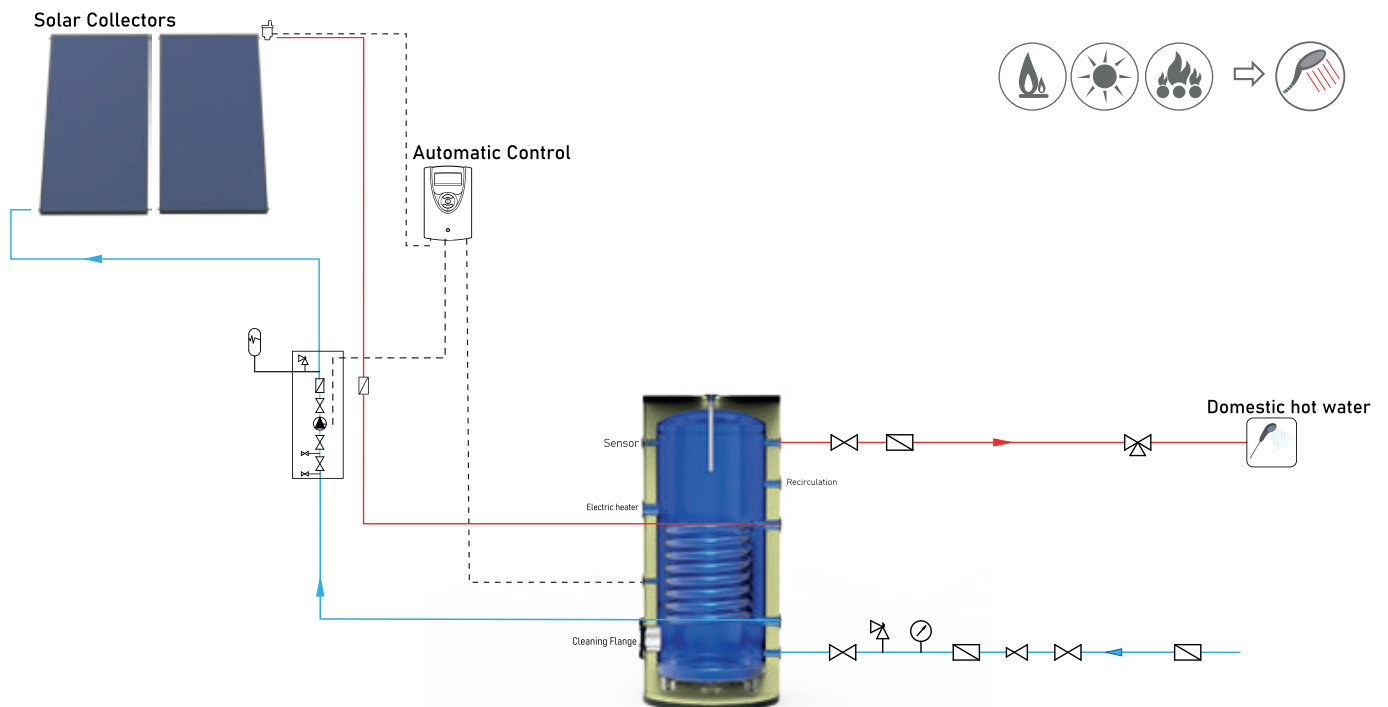
200-400 µm enamel thickness.













Expanded serpentine surface area.

Single Coil.



## SCHEMATIC DIAGRAM OF INSTALLATION



 Valve	 Strainer	 Check Valve	 Electrical resistance
 Pump	 Mixer Valve	 Expansion Tank	 Pressure Reducer
 Air vent	 Manometer	 Compensator	 Safety Valve