



**SCHAFFHAUSEN
W-TANK** 

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WATER STORAGE TANK TECHNICAL LIST



USER MANUAL
2022.6 Version 3.0





WaterMark®-Meet Drinking Water Requirement



This mark shown on a plumbing product signifies certification to AS3498 that pass 260,000 times fatigue test, 2 times working pressure test and meet drinking water requirement.

Steel-cored Advanced Anode Rod Protection



The anode rod is a highly effective corrosion fighting system which utilizes cathodic action to protect internal tank surfaces from corrosive element. Anode rod adds a stainless steel core to magnesium anodes for even longer life.

Blue Diamond Enamel Coating



Schaffhausen W-Tank diamond enamel coating provides superior corrosion resistance, and its quality is complied with Australian Standard, German DIN4753.

T&P Relief Valve



Highly sensitive T&P Relief Valves match to the heater to help ensure that every Schaffhausen W-Tank residential water heater is installed properly and safe.

High Efficient 360° Polyurethane Layer



Extremely thick and high intensity make better thermal protection performance.

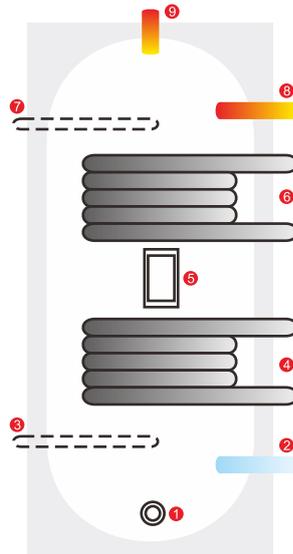
Optional appearance color-Grey,Beige,Silver



The shell adopted high efficiency, heat galvanized plate and outdoor painting process. The Shell has the features of anti erosion and rust proof to proof to prolong the service span.

Double Enamel Coils Tank

Storage tank (with double steel heat exchangers) are superior to heating systems that use conventional fuels in many regards. Because there is an endless supply of solar energy, they save on heating cost on a lasting basis. During the bad weather, the gas booster will begin to work. It can provide you the instant hot water through the other heat exchanger.



- ① Drain valve
- ② Inlet of cold water
- ③ Temperature sensor(bottom)
- ④ Heat exchange coil(bottom)
- ⑤ Electric heater
- ⑥ Heat exchange coil(top)
- ⑦ Temperature sensor(top)
- ⑧ Outlet of hot water
- ⑨ T/P valve

1. Can be combined with a wide range of heating system .
2. inner boiler enamelled according to DIN 4753 and WaterMark
3. Operating pressure max. 10 bar
4. Operating temperature max 90 degree
5. Energy-saving, directly applied polyurethane foam insulation 50mm (CFC-free)
6. Compatible with potable water

Model	200	300	400	500
Nominal Capacity (L)	200	300	400	500
Heat Exchanger Area (m ²)	1	1	1.2	1.2
	1	1.5	1.7	1.7
Heat Exchanger Length (m)	10	10	11.5	11.5
	10	14.5	16.5	16.5
Heat Exchanger Material	Φ32*2.0steel pipewith enamelCoating			
Temperature Setting Range (°C)	49-82			
Default Temperature (°C)	65±5			
Mixed Water Volume 40c°C (L)	385	575	770	945
Polyurethane Insulation Thickness (mm)	40		50	
	1.5/2/2.5/3/4/5			
Connected load 220V-240V(kw)	1.5/2/2.5/3/4/5			
Height (mm)	1516	1520	1575	1925
Diameter (mm)	520	620	710	710
Weight (Kg)	85	115	137	147
Color	Beige/Grey/Silver			
Test Pressure (Mpa)	17			
Operation Pressure (Mpa)	8.5			
Packing Size (mm)	550*550*1605	655*655*1615	740*740*1675	740*740*2015

