

## KAFSON HOT WATER TANKS with COPPER HEAT EXCHANGER GENERAL INFORMATION

KAFSON hot water tanks are made out completely out of **copper sheet, both cylinder and heat exchanger** for extended life cycle.

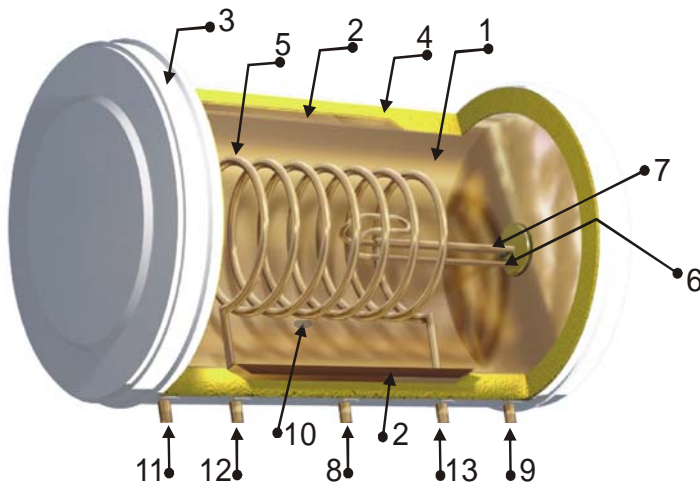
Kafson hot water tanks are tested during the manufacturing process to 10Bar. There's a safety valve of 6 Bar, and the working pressure is 3 Bar.

Our Solar hot water tanks with heat exchanger connected with a thermosyphonic system, minimizes the risk of scale build up, ensuring longer life time. The addition of antifreeze liquid in the close loop system, allows the operation of our systems in areas with cold conditions.

Kafson hot water tanks are manufactured in three different volumes, **150 ltr, 200 ltr and 300 ltrs**. All three of them can be equipped with a **7.5m long spiral (coil)** for houses equipped with central heating. As a third source of energy, all hot water tanks are equipped with emersion heaters of 3kW.

The **50mm Polyurethane** insulation layer maximize the retention of water heat.

### BOILER STRUCTURE



1	Inner Cylinder – Copper
2	Heat Exchanger - Copper
3	Exterior Casing - A choice of Stainless steel, Aluminum or prepainted Steel on Galvanized basis, colour white or brown.
4	Insulation - Polyurethane (Density 1090kgr/m <sup>3</sup> )
5	Heat Exchanger (coil) for houses equipped with central heating (7.5m Long Spiral Copper Pipe)
6	Heating Element (electric) 3kW
7	Thermostat - For saving Electric Power
8	Water Outlet to the collector
9	Cold water inlet
10	Hot water inlet from the Collectors
11	Hot water outlet
12	Hot water in, from Central Heating
13	Water outlet back to Central Heating

### SIZES & MEASUREMENTS

TYPE	CAPACITY	DIAMETER	LENGTH	WEIGHT aver.
KP150XKC	150 Ltr	57cm	95cm	52kg
KP200XKC	200 Ltr	57cm	120cm	63kg
KP300XKC	300 Ltr	57cm	175cm	77kg