

CBIT500L2C40 - 500L SOLAR WATER TANK WITH TWO INDIRECT COIL

TECHNICAL SPECIFICATIONS :

Inner Tank Materials: Food Grade Stainless steel SUS 304 1.8mm (0.07") thickness.

Outer Tank Cover Material: Color steel plate , thickness:0.5mm

Thermal Insulation Layer: 60 mm (2") of High Pressure Automatic Polyurethane Foaming Layer, Density of 36 Kg/m³ (2.24 Lb/ft³).

In Tank Heat Exchangers (Coils) Specifications: SS304 (Stainless Steel), Thickness = 1mm (0.04").

Immersed Coil Outer Diameter : 38mm (1.5") , Coil Inlet/Outlet Connection: 38mm (1.5") Female NPT.

Bottom Coil Heat Exchange Area : 3 m²(32.29 ft²).

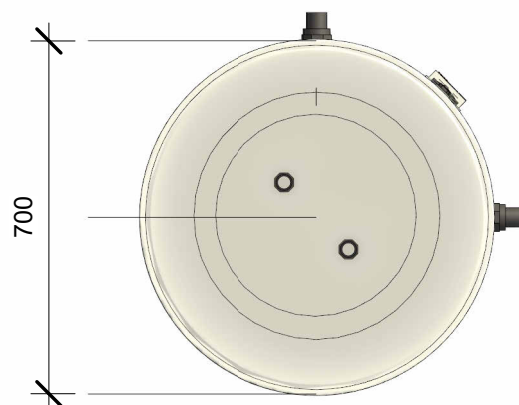
Upper Coil Heat Exchange Area : 1.7 m²(18.29 ft²).

Water Purification: Magnesium Rod Installed.

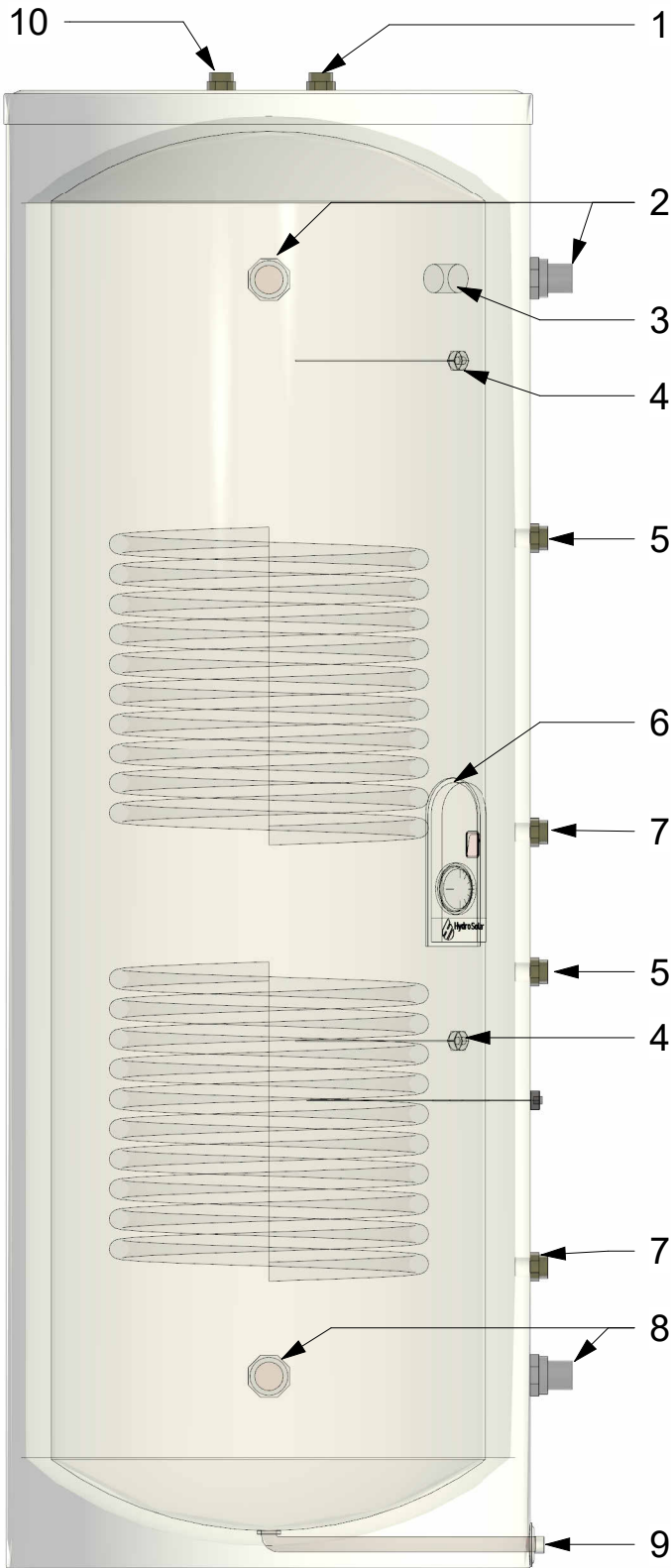
Backup Heat: Standard 1" port for electric backup with mechanical thermostat (Heater not included with the tank).

Accessories: Tank Feet, Screws, Safety T/P Valve and Drain Valve Port Plugged.

HSE Limited Warranty: 5 Years against manufacturing defects.

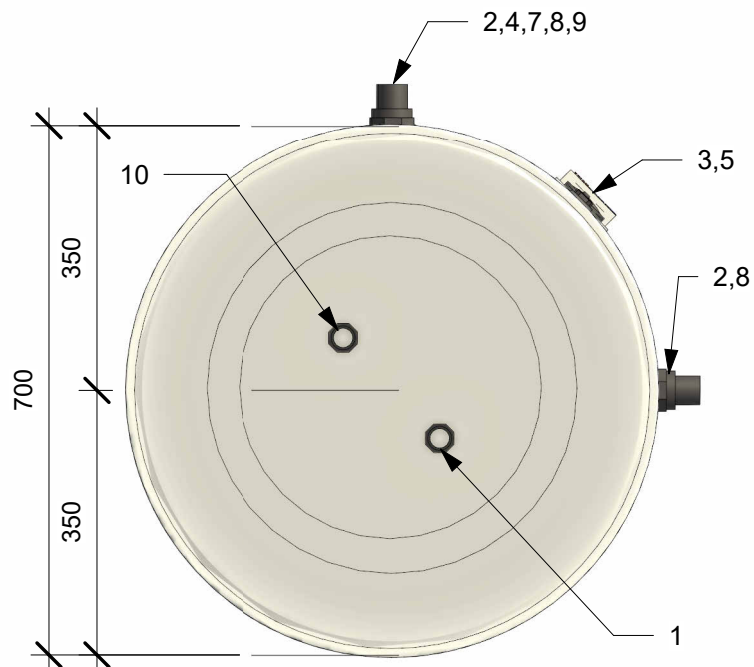


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1	T/P SAFETY VALVE PORT 3/4" FEMALE
2	WATER TANK INLET/OUTLET FEMALE 2" NPT
3	MAGNESIUM ROD 3/4" BSPT FEMALE
4	TANK TEMPERATURE SENSOR PORT 1/2"-3/4" BSPT FEMALE
5	IMMERSED COIL 1.5" FEMALE NPT OUTLET
6	ELECTRIC HEATING ELEMENT 1" FEMALE PORT (HEATING ELEMENT NOT INCLUDED)
7	IMMERSED COIL 1.5" FEMALE NPT INLET
8	WATER TANK INLET/OUTLET FEMALE 2" NPT
9	DRAINAGE 3/4" NPT FEMALE THREADED PORT WITH MALE 3/4" NPT END CAP
10	AUTOMATIC AIR VENT AT THE TANK -1/2" FEMALE THREADED PORT

GROSS WEIGHT: 100KG (220.46)



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