

# CBIT300 L2C40 - 300L SOLAR WATER TANK WITH TWO INDIRECT COIL

## TECHNICAL SPECIFICATIONS :

**Inner Tank Materials:** Food Grade Stainless steel SUS304 , 1.35mm (0.05") 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/m<sup>3</sup> (2.24 Lb/ft<sup>3</sup>).

**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") Male NPT.

**Bottom Coil Heat Exchange Area:** 3 m<sup>2</sup> (32.29 ft<sup>2</sup>).

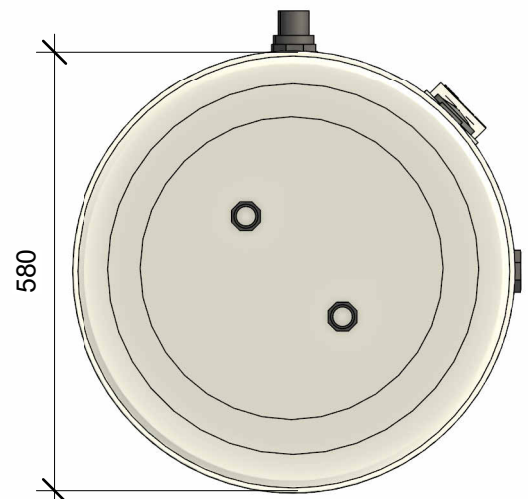
**Upper Coil Heat Exchange Area:** 1.7 m<sup>2</sup> (18.29 ft<sup>2</sup>).

**Water Purification:** Magnesium Rod Installed

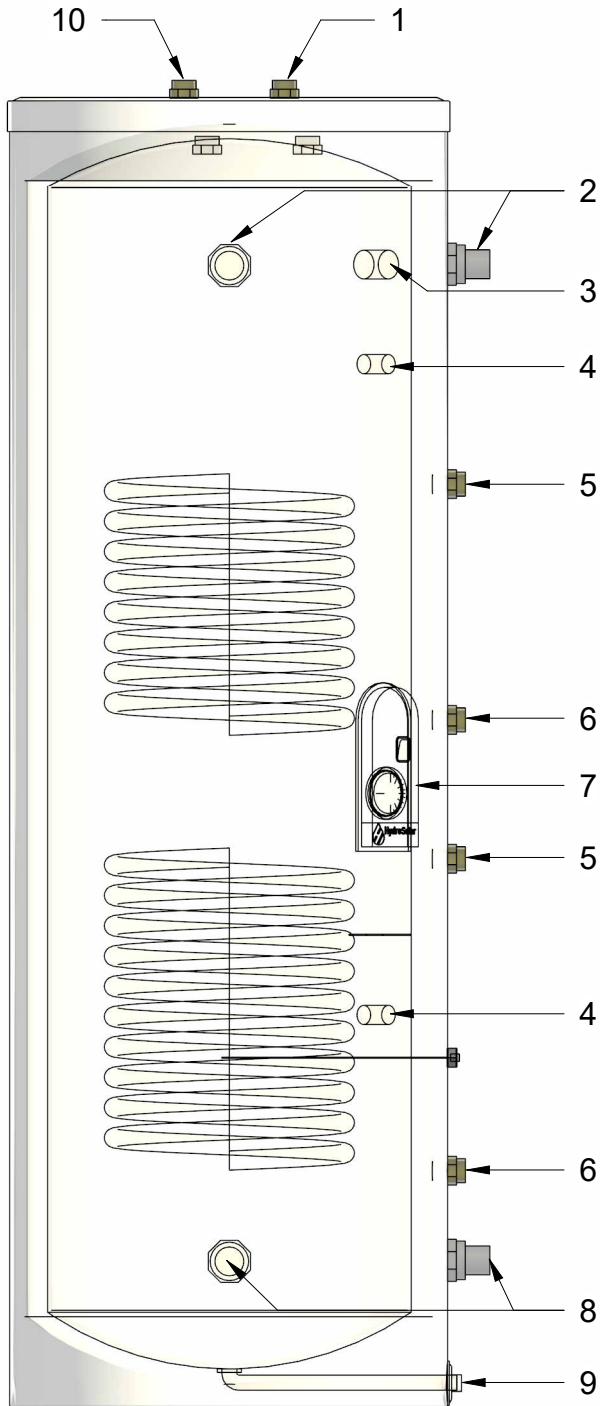
**Backup Heat:** Standard 1" port for electric backup with mechanical thermostat (Heater not included with the tank)

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

**HSE Limited Warranty:** 5 Years against manufacturing defects.

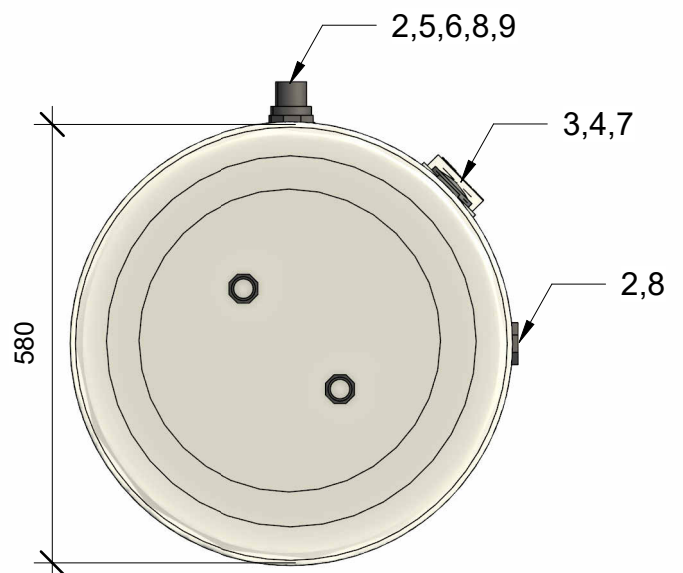


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1	T/P SAFETY VALVE PORT 3/4" FEMALE
2	WATER TANK INLET/OUTLET FEMALE 1.5" NPT
3	MAGNESIUM ROD 3/4" BSPT FEMALE
4	TANK TEMPERATURE SENSOR PORT 1/2"-3/4" BSPT FEMALE
5	IMMERSED COIL 1.5" FEMALE NPT OUTLET
6	IMMERSED COIL 1.5" NPT FEMALE INLET
7	ELECTRIC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

**GROSS WEIGHT: 69 KG (152.12 LB)**



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