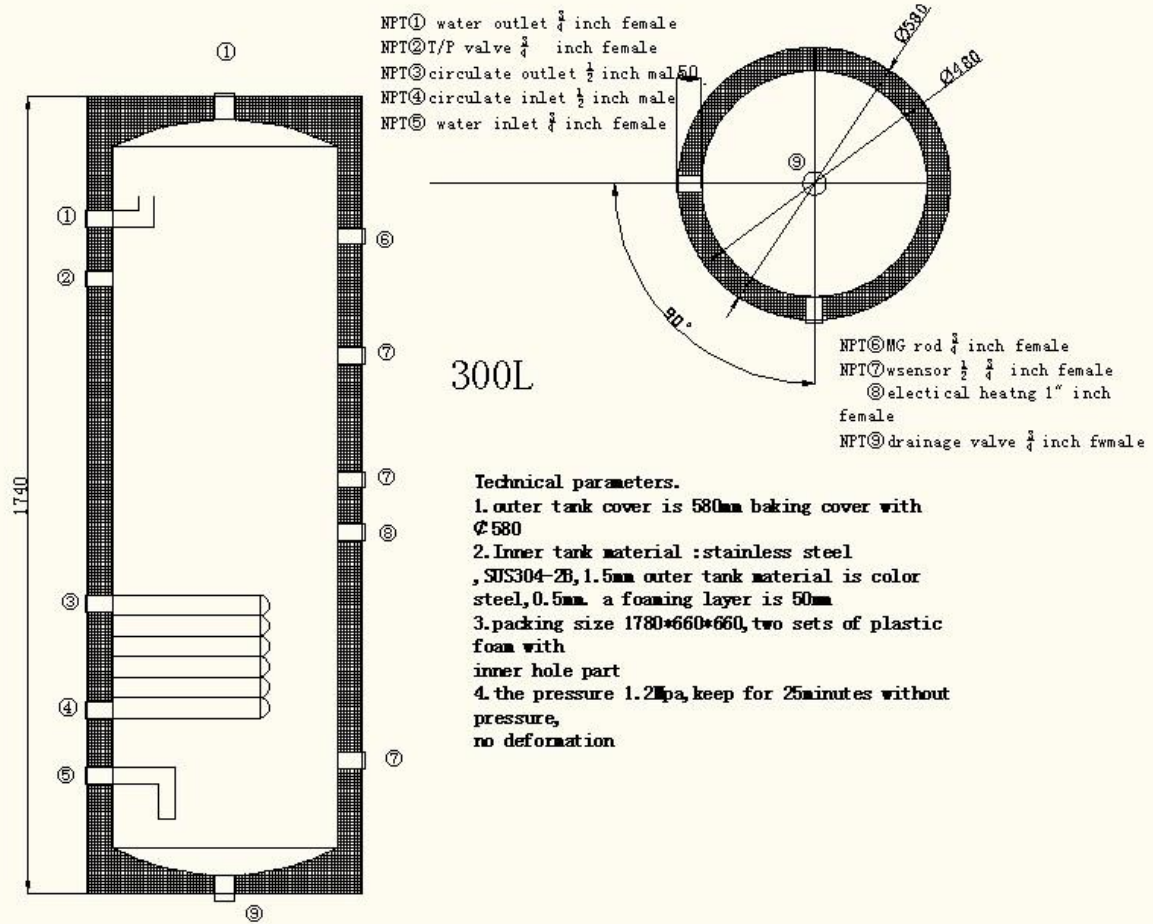




## Solar Water Heater Tank Specifications

Inner Tank Material	Food Grade SUS 304-2B
Outer Tank Cover Material	Galvanized Steel 0.5 mm thickness.
Heat Preservation Layer	High pressure automatic polyurethane foaming layer, Density of 36 kg/m <sup>3</sup> (2.24 lb/ft <sup>3</sup> )
In Tank Heat Exchanger Specs	TU1 copper (Red Copper), thickness: 1mm (0.04")
Water Purification	Magnesium rod installed
Backup Heating	Standard 1" port for electric backup with mechanical thermostat
Drain Port	3/4" female NPT (Bottom of tank)
T/P Port (Exhaust Port)	3/4" female NPT (for T/P Valve)
Coil Connections	12mm (1/2") Diameter coils have 1/2" Male NPT, 20mm (3/4") Diameter coils have 3/4" Male NPT
Accessories	Tank feet, screws, T/P valve
HSE Limited Warranty	5 Years against manufacturing defects



Tank Specs by Size										
Capacity	Weight (Single Coil)	Diameter	Insulation Thickness	R-Value	Inner Tank Thickness	Water Ports Size	Coil Diameter	Coil Length		
								Single Coil	Dual Coil (Lower)	Dual Coil (Upper)
300 Liters (79 Gallons)	58 kg (128 lb)	560mm (22")	50mm (1.97")	12.45 (US) 2.19 (SI)	1.5mm (0.06")	3/4" NPT	12mm (1/2")	25m (82 ft)	20m (66 ft)	15m (49 ft)

\*Note: Listed tank heights do not include the mounting feet. Mounting feet add an additional 6.8cm (2.7") to total height.