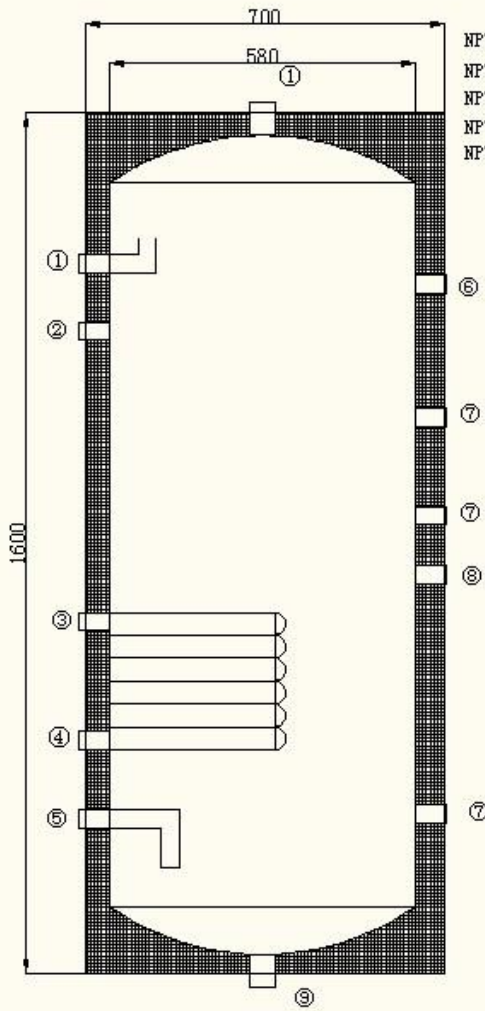


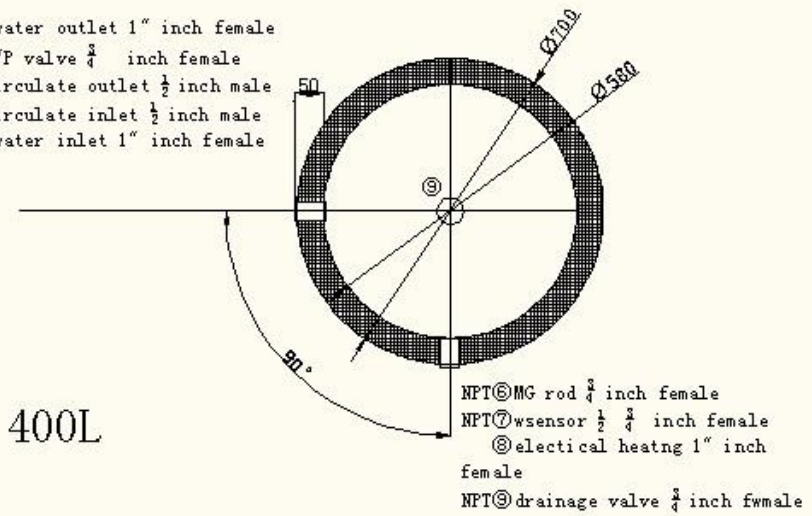


Solar Water Heater Tank Specifications

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 ³ (2.24 lb/ft ³)
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



NPT① water outlet 1" inch female
 NPT② T/P valve $\frac{3}{4}$ inch female
 NPT③ circulate outlet $\frac{1}{2}$ inch male
 NPT④ circulate inlet $\frac{1}{2}$ inch male
 NPT⑤ water inlet 1" inch female



400L

Technical parameters.

1. outer tank cover is 700mm baking cover with \varnothing 700
2. Inner tank material :stainless steel , SUS304-2B, 2.0mm outer tank material is color steel, 0.5mm. a foaming layer is 60mm
3. packing size 1700*780*780, two sets of plastic foam with inner hole part
4. the pressure 1.2Mpa, keep for 25minutes without pressure, no deformation

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)
400 Liters (105 Gallons)	80 kg (176 lb)	700mm (27.6")	60mm (2.36")	14.95 (US) 2.63 (SI)	2.0mm (0.08")	1" NPT	12mm (1/2")	35m (115 ft)	30m (99 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.