

Titant Series Commercial Storage Tank 800 Liter to 2000 Liter. Designed for applications that require large quantities of potable hot water in short times.

Feature & benefits

- Titant Series Commercial Storage Tank is specially designed and made for many commercial applications, like electric energy, solar energy, heat pump energy, and gas energy, multi-energy hot water system.

Long Life Tank Design

- The sacrificial anode helps protect the tank from the corrosive effects of water.



- ETERNAL BLUE ELEMENTS last longer than common elements, is suitable for extreme and hard water conditions.



- GMO enamel coating is made from TITANIUM BLUE enamel powder, and meet drinking water standard. Enamel Solubility reach Y class, and resist against 85°C hot water.



Warranty

5-Year limited tank warranty against tank leaks.



Tank openings

Circulating line/cold inlet connections are G2"



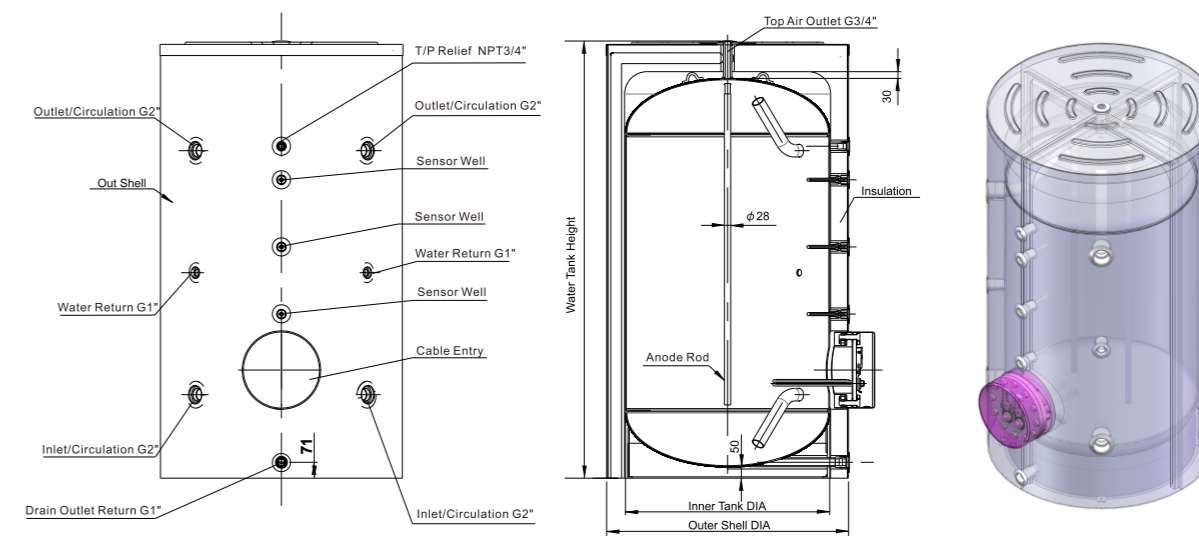
Efficient design

95mm polyurethane foam insulation provides superior insulation performance reduce system operation cost.



Titant Series Commercial Storage Tank
800L to 2000L capacities

TECHNICAL PARAMETERS



Capacity (L)	800L	1000L	1200L	1500L	2000L	
Model	GD800080J-01 (Bi-convex)	GD10K080J-01 (Bi-convex)	GD10K080J-01 (Single convex)	GD12K080J-01 (Bi-convex)	GD15K080J-01 (Bi-convex)	GD20K080J-01 (Bi-convex)
Theoretical Capacity(L)	795	1000	1000	1200	1500	1995
Rated Pressure(MPa)	1.0					
Inner Tank DIA(mm)	Φ762	Φ912		Φ1062	Φ1162	
Tank Material & Thickness(mm)	BTC340R 4.0			BTC340R5.0		
Head Cap Material & Thickness(mm)	BTC340R 6.0					
End Cover Material & Thickness(mm)	ABS/2.0					
Inner Tank Height(mm)	1995	1786	1923	2101	1956	2166
Insulation Material & Thickness(mm)	Rigid Polyurethane/75			Rigid Polyurethane/95		
Outer Shell Material & Thickness(mm)	PVC+Flexible Polyurethane/5.0					
Outer Shell DIA(mm)	Φ930	Φ1080		Φ1270	Φ1370	
Water Tank Height(mm)	2137	1953	2090	2268	2108	2318
Pallet Size(mm)	1050×1050×110	1200×1200×110		1350×1350×110	1450×1450×110	
Package Height(mm)	2262	2063	2200	2378	2232	2443
Applicable Container	20'GP(2.38M)	20'GP(2.38M)	20'GP(2.38M)	40'HC(2.69M)	20'GP(2.38M)	40'HC(2.69M)
Approx. Net Weight(kg)	271	305	328	336	427	502
Approx. Gross Weight(kg)	289	327	350	358	453	536
Water Inlet/Outlet	G2" inner thread/Two (Qty and position per demands)					
Circulation	G2" inner thread/Two (Qty and position per demands)					
T/P Relief	NPT3/4" inner thread/One (Qty and position per demands)					
Sensor Well	Φ8 Blind hole PG7 Joint Three pcs (Qty and position per demands)					
Water Return	G1"inner thread/Two (Qty and position per demands)					
Heating Element & Thermostat	Screw Head Heating Element 4.0kW Two Pcs / 59T66T Two Pcs(Optional)					
Heating Element Installation	DN200 Flange One Pc (Max. 6 Pcs per demands)					
Top Air Outlet	G3/4" inner thread/One					
Drain Outlet	G1" inner thread/One (Qty and position per demands)					
Anode Rod/QTY	Φ28×1400/Two Pcs					
Fittings/QTY	One NPT3/4" T/P Valve, One G3/4" Automatic Air Exhaust Valve (Optional)					

Note: This is preliminary Design Plan. The diameter of inner tank is fixed, while other details can be adjusted per requirements.

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