

PRODUCT – INOX WATER TANK

1. DEFINITION

The pressed stainless steel sectional rectangular tank is a versatile bulk storage container of water. The sectional construction concept consists of boiling up together mass produced tank panels (either 1.22m or 1.0m square) into tanks of various sizes and capacities. The tanks manufactured and installed by us are renowned for their quality and reliability.

2. INSTALLATION

Various panel designs are used to design tanks of all capacities and dimensions (L-shape, U-shape, Spare-shape).

3. APPLICATION

The stainless steel tanks satisfy relevant food sanitation standards. Since exterior light is completely blocked, bacteria generation and germ employed, existing water tank interior structures are eliminated, allowing long term sanitary use of water tanks.

4. TECHNICAL DATA

- *Material*
Stainless steel panels: AISI grade 304 and 316
- *Panel sizes*
For 1.220m x 1.220m module: 1.220 x 1.220, 610 x 1.220 and 610 x 610
For 1.000m x 1.000m module: 1.000 x 1.000, 500 x 1.000 and 500 x 500



A. Contents of INOX water tank

COMPONENTS	STANDARD ITEMS
Tank Panel	Stainless steel
Nut, Bolt, Washer	Stainless steel
Sealant	UV resistant PVC foam
External Reinforcement	Stainless steel
Internal Reinforcement	Stainless steel
External Ladder	Stainless steel
Internal Ladder	Aluminium or PVC. Stainless steel available optionally
Roof Support	Stainless steel Pipes
Indicator	Mechanical cat and mouse type
Steel Skid	Anti rust coated structural steel sections

B. Parts and components

PARTS	SPECIFICATION
Panel module: 1.220m x 1.220m; 1.000m x 1.000m	Stainless steel
Manhole	Stainless steel
Corner Angles	Stainless steel
Sealant	UV resistant PVC foam
Tie Rods	SS 304 rods, SS 316 available optionally
Bolts, Nuts, Washers	Stainless steel
External Reinforcement	Stainless steel
Internal Roof Support	Stainless steel Pipes
External Ladder	Stainless steel
Internal Ladder	Aluminium or PVC. Stainless steel available optionally
Air Vent	PVC goose neck or powder coated mushroom type
Water Level Indicator	Cat and mouse type. Acrylic tube indicator available optionally
Skid	Mild steel painted, galvanized steel. Both available optionally

C. Dimension and nominal thickness

Module (mm)	Tank height (mm)	Tank Panel Thickness (mm)		Roof Panel Thickness (mm)	
		Base	Wall		
1.220 x 1.220	1.220	2.5	2.5 (Tier 1)	1.5	
	2.440	3.0	3.0 (Tier 1,2)	1.5	
	3.660	4.0	4.0 (Tier 1)	1.5	
	4.880	5.0	3.0	3.0 (Tier 2,3)	1.5
			4.0	4.0 (Tier 2)	
1.000 x 1.000	1.000	2.5	2.5 (Tier 1)	1.6	
			2.5 (Tier 1,2)		
	2.000	2.5	2.5 (Tier 1,2,3)	1.6	
			3.0 (Tier 1)		
	3.000	3.0	2.5 (Tier 2,3,4)	1.6	
			4.0 (Tier 1)		
	4.000	4.0	3.0 (Tier 2,3,4,5)	1.6	
			5.0 (Tier 1)		
5.000	5.0	5.0 (Tier 1)	1.6		
		4.0 (Tier 2)			
		3.0 (Tier 3,4,5,6)			
		3.0 (Tier 3,4,5,6)			