

Purified Water Tank

Storage Tank Flanged Sector Design



Use

- The flanged-sector storage tank has a vertical design, limiting the space occupied by the installation
- Making use of the hydraulic head of the tank, there is a volume of water already at a certain pressure, ready to be reused for process purposes or discharged into the receiving body of water
- Flanged-sector storage tanks offer considerable advantages for fixed-type installations where significant volumes of water are stocked

Main Characteristics and Accessories

- Made with sanded or pickled, thick carbon steel sheeting and double coats of epoxy primer
- Set of fasteners and closed-cell gaskets for assembly of the flanged sectors
- Internal piping for replenishing clean water and overflow pipe
- Level probes for replenishing clean water
- Flush bottom storage tank with manual valve
- Connection for clean water recovery with shut off valves
- Inspection door for easy maintenance
- Coupling for cone washing system (optional)

Physical/Operating Characteristics

Dimension	Imperial	Metric
Volume	353 - 3,532 ft ³	10 - 100 m ³
Diameter	4' - 11.5'	1.2 - 3.5 m
Height	16' - 38'	5 - 11.5 m
Empty weight	2,205 - 17,637 lb	1,000 - 8,000 kg
Full load weight	17,637 - 220,462 lb	8,000 - 100,000 kg

