Fibreglass Circular Panel Tanks

Modular fibreglass plate tanks for water and chemical storage

Allied Pumps Fibreglass Circular Panel Tanks are assembled from modular fibreglass plates bolted into a circular shell and supplied as a complete package for efficient site installation. The material resists corrosion and oxidation without an internal liner, making the tanks suitable for water and chemical duty.

Every tank ships as a complete package: moulded plates, assembly accessories, and all nuts, bolts, washers and seals. Plates are joined with an elastic seal, anchored to a concrete base with sealing mortar and mortar sealing paint, and secured with floor anchors rated for wind loading.

Because the shell is bolted rather than welded, a tank can be expanded, relocated or dismantled on site. Manhole covers, fibreglass reinforced plastic flanges and pipe connections are supplied with the package and fitted during assembly.

KEY FEATURES

- Modular Bolted Plate Construction
- Corrosion and Oxidation Resistant Without an Internal Liner
- Expandable in Service
- Transportable, Assembled and Dismantled on Site
- Complete Package Including Plates, Hardware and Accessories
- Hydraulic and Mechanical Load Tested
- Minimum Maintenance

PRODUCT APPLICATIONS

- Industrial Wastewater
- Urban Wastewater
- Industrial Liquids
- Bulk Dry Products
- Agriculture and Food Industry



PRODUCT SPECIFICATION

Model No.	Plates in Circumference	Diameter (m)	Tank Height (m)				
			1	2	3	4	5
			Gross Capacity (kL)				
APFWT 6	6	4.0	13	25	38	50	63
APFWT 8	8	5.3	22	44	67	89	111
APFWT 11	11	7.3	42	84	126	168	210
APFWT 14	14	9.3	68	136	204	273	341
APFWT 17	17	11.3	100	201	301	402	502
APFWT 20	20	13.3	139	278	417	556	695
APFWT 24	24	16.0	200	400	601	801	1,001

Larger sizes available on application

QUALITY TESTING

Every production run is tested before dispatch. Plates undergo hydraulic load testing to confirm performance under working pressure, and mechanical testing for traction, flexion and fatigue. Raw material is validated on receipt, so plate composition is confirmed before moulding begins rather than inferred from the finished product.