

## FERTILIZER TANKS - SERIES 6000

Odus fertilizer tanks series 6000 have been designed specifically for fertigation in agriculture. This system is simple, efficient and trouble-free.

The fertilizers are applied continuously during irrigation, either manually or controlled by an irrigation controller.

### Features

- Simple, efficient and trouble-free operation
- Very large opening port facilitates filling of tank and prevents spilling of fertilizer
- Neoprene gasket ensures hermetic sealing and long life service
- Standard models contain P.E tube to increase the efficiency of fertilizer mixing
- Rubber coated metal legs isolate the filter from the ground to prevent corrosion and damage to the protective coating
- Vacuum breaker (kinetic air valve) installed at tank outlet
- Designed and manufactured to achieve the highest standard of quality and finish
- The fertilizer tanks have a 120 micron protective coating of extra durable polyester applied electrostatically and oven cured on a zinc-phosphate layer for maximal anti-corrosion protection

### Applications

- Designed specifically for fertigation in agriculture
- Standard models apply fertilizer on the quantitative principle

### Specifications

Maximum recommended working pressure:	800kPa
Maximum pressure:	1000kPa
Installation:	Vertical and Horizontal



Part No.	Description
<b>120 litre Capacity</b>	
OD6120	Vertical Height 950mm x 480mm Diameter
<b>220 litre Capacity</b>	
OD6221	Horizontal length 1100mm x 750mm Height x 480mm Diameter



## FERTILIZER TANKS - SERIES 6000

### APPROXIMATE FERTILIZING TIMES (HOURS)

Pressure Loss Inlet / Outlet		Tank Capacity			
		60 Litres	90 Litres	120 Litres	220 Litres
(bar)	(psi)	(2)	(3)	(4)	(5)
	(1)				
0.05	0.7	1 - 1¼	1¾ - 2	2 - 2½	3¾ - 4½
0.1	1.5	¾ - 1	1¼ - 1½	1½ - 2	2½ - 2¾
0.2	3	½ - ¾	¾ - 1	1 - 1½	1¾ - 2¼
0.4	6	⅓ - ½	½ - ¾	¾ - 1¼	1¼ - 1½

The fertilizing times are **for general use only**, and for fertilizers easily soluble in water. Actual times may be altered according to field conditions.

**Column 1:** Indicates the pressure difference between inlet A and outlet B of the fertilizer head.

**Column 2 - 5:** Indicate the time in hours, of fertilizing (until concentration becomes negligible). Usually, fertilizing times are determined according to type of fertilizer, crops and experience.

**Note:**

The fertilizing time is determined by the pressure loss.

# FERTILIZER TANKS - SERIES 6000

## TANK DIMENSIONS



**OD6120**

**Dimensions**  
D: 480mm  
H: 950mm  
Weight: 44kg

**OD6221**

**Dimensions**  
A: 1100mm  
D: 480mm  
H: 750mm  
Weight: 59kg

