

### TECHNICAL DATA

**STORAGE CAPACITY** 200 to 12000 Ltrs.

**MATERIAL OF Steel** Stainless steel or Carbon  
**CONSTRUCTION** with internal lining

**EXPANSION DOME** 2% of total tank capacity

**FINISH** Fire red Epoxy painted

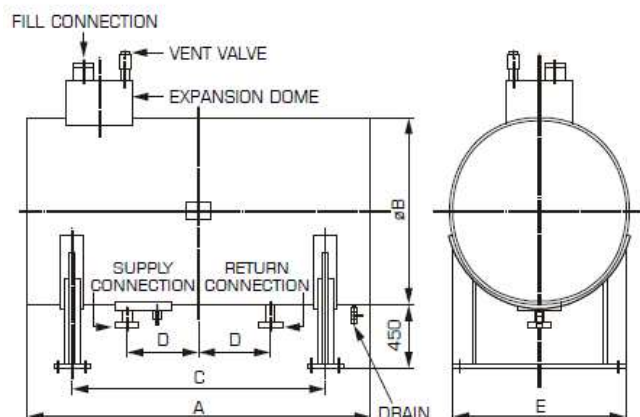
**ORDERING INFORMATION** Please specify  
1) Tank capacity  
2) Material of construction of tank (Type of Lining if steel tank)  
3) Site glass requirement  
4) Ladder requirement  
5) Finish

Atmospheric storage tanks are used with Inline Foam Inductor. Balance pressure foam proportioner and Inline Balance Pressure Foam Proportioning system. The atmospheric foam concentrate storage tank is made of stainless steel or steel material. The steel tanks can be provided with Thermoplastic lining on inner surfaces.

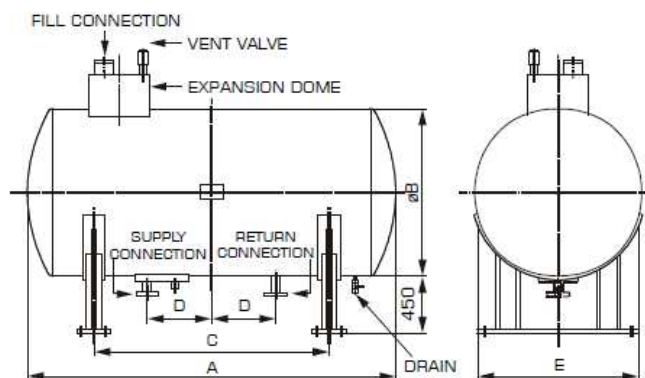
For selecting the material of construction of the tank or internal lining, foam concentrate manufacturer must be consulted. All the tanks must be kept filled upto the level of half way of expansion dome. The tank is provided with an expansion dome with a volume not less than 2% of the total capacity of the tank. The concentrate storage tank less than 380 Litres. (100 gal.) does not require an expansion dome. A sediment sump is provided at the bottom of the concentrate tank. The tank is provided with an inlet, an outlet, a drain connection and a fill connection. The suction and outlet connection is provided in the segment sump above the normal layer of sediment which may accumulate in the sump. The inlet or return and fill line is provided within 25mm of the tank bottom. This reduces the possibility of foaming when the liquid level is low. A pressure vacuum vent is provided on the top of the expansion dome. Ladder is provided for the tanks having 1500 litres capacity or more as optional. vel and at 7 kg./ Sq.cm. nozzle pressure.



## TANK WITH FLAT ENDS



## TANK WITH DISH ENDS



### DIMENSION in millimeters (Approximate)

| CAPACITY LITRES | A    | B    | C    | D   | E    |
|-----------------|------|------|------|-----|------|
| 200             | 800  | 600  | 600  | 150 | 600  |
| 500             | 1250 | 770  | 900  | 225 | 700  |
| 600             | 1500 | 770  | 1150 | 300 | 700  |
| 700             | 1750 | 770  | 1400 | 350 | 700  |
| 800             | 1350 | 925  | 1000 | 250 | 850  |
| 900             | 1500 | 925  | 1150 | 300 | 850  |
| 1000            | 1700 | 925  | 1350 | 350 | 850  |
| 1200            | 2000 | 925  | 1650 | 400 | 850  |
| 1400            | 2350 | 925  | 2000 | 500 | 850  |
| 1500            | 1850 | 1075 | 1500 | 375 | 1000 |
| 1600            | 1950 | 1075 | 1600 | 400 | 1000 |
| 1700            | 2150 | 1075 | 1800 | 450 | 1000 |
| 1800            | 2200 | 1075 | 1850 | 450 | 1000 |
| 1900            | 2300 | 1075 | 1850 | 450 | 1000 |
| 2000            | 2450 | 1075 | 2100 | 525 | 1000 |
| 2100            | 1900 | 1250 | 1550 | 400 | 1150 |
| 2200            | 2000 | 1250 | 1650 | 400 | 1150 |
| 2300            | 2100 | 1250 | 1750 | 450 | 1150 |
| 2400            | 2150 | 1250 | 1800 | 450 | 1150 |
| 2500            | 2250 | 1250 | 1900 | 475 | 1150 |
| 3000            | 2150 | 1400 | 1800 | 450 | 1250 |
| 3500            | 2450 | 1400 | 2100 | 525 | 1250 |

\*\*Tolerance-±5%

| CAPACITY LITRES | A    | B    | C    | D   | E    |
|-----------------|------|------|------|-----|------|
| 4000            | 2500 | 1524 | 1400 | 350 | 1375 |
| 4500            | 2800 | 1524 | 1700 | 425 | 1375 |
| 5000            | 3100 | 1524 | 2000 | 500 | 1375 |
| 5500            | 3375 | 1524 | 2200 | 550 | 1375 |
| 6000            | 3650 | 1524 | 2600 | 650 | 1375 |
| 6500            | 3950 | 1524 | 2800 | 700 | 1375 |
| 7000            | 3050 | 1828 | 1800 | 450 | 1500 |
| 7500            | 3250 | 1828 | 2000 | 500 | 1500 |
| 8000            | 3450 | 1828 | 2200 | 550 | 1500 |
| 8500            | 3650 | 1828 | 2400 | 600 | 1500 |
| 9000            | 3850 | 1828 | 2600 | 650 | 1500 |
| 10000           | 3350 | 2100 | 2000 | 500 | 1850 |
| 10500           | 3450 | 2100 | 2200 | 550 | 1850 |
| 11000           | 3650 | 2100 | 2400 | 600 | 1850 |
| 11500           | 3750 | 2100 | 2400 | 600 | 1850 |
| 12000           | 3900 | 2100 | 2600 | 650 | 1850 |

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