

Emergency Aid Camp Infrastructure

Steel Water Storage Tanks

Demountable water storage tanks are available with sizes ranging from 1,960 litre to 1.2 million litre capacity.

Tank kits are dispatched complete with assembly instructions, tools, accessories and repair kits. Packed for delivery worldwide.

These tanks are ideal where large capacity and depth is required. An example would be flocculation and chlorinating water treatments, where good mixing and settlement form part of the successful application. The depth of water also gives a positive pressure head for gravity fed distribution.



- Boxed and palletised ready for dispatch
- 1,960 to 1.2 million litre capacity
- Open top, PVC or steel roof options
- Can be built on any firm, flat ground free from debris, or on a suitable concrete base
- Suitable for ALL climates
- Erected by 3 people within 8 hours
- A full range of spares and accessories such as pipe enclosures, ladders and strainers are available from stock.



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Technical Data

All tanks are supplied as complete kits including outlets, accessories, tools & instructions

Tank Body

Main structure comprises 0.80m x 3.01m panels of corrugated G450 galvanised steel, punched and curved to suit the tank size. Galvanised round headed bolts, washers and nuts are provided to assemble steel panels to form a ring to required diameter and height. The top edge of the steel is protected by a circular plastic capping piece.

Tank Lining

A fully welded watertight bag sized to suit the tank. Manufactured in either 1.00mm thick EPDM or Butyl rubber with all vulcanised joints to suit the required application. The liner is held in position at the top of the tank by clamping between two capping pieces and locking into position using spring clips.

Tank Fittings

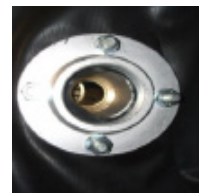
2" BSP(M) through tank outlets provided. Outlets are bolted to the tank body and sealed to the tank lining. 2" BSP(F) gate valves and ball valves are available for use with these outlets. Other sized outlets can be supplied. The position and number of outlets is decided by the customer.

Tank Roofs

The tanks can be used open top or with the following options:

Steel Roof—Galvanised G600 sheet steel with lockable manway, bolted to the tank, suitable for all environments and where tank security is paramount. Installed in approximately 4 hours.

PVC - Ideal for keeping dust and debris out of the tank. The economical roofs have a 3 year life and can be erected in 1 hour.



| Tank Ø Metres | Tank Overall Height | | | | Roof Option | |
|--|---------------------|--------------|----------------|---------|-------------|-------|
| | 1.53m | 2.29m | 3.05m | 4.60m | PVC | Steel |
| Denotes Capacity in Litres, allowing for 0.15m freeboard | | | | | | |
| 2.74 | 8,138 | 12,619*(T10) | 17,100 | 26,243 | ✓ | ✓ |
| 3.66 | 14,519 | 22,515*(T20) | 30,510 | 46,824 | ✓ | ✓ |
| 4.57 | 22,637 | 35,102 | 47,569 | 75,000 | ✓ | ✓ |
| 5.49 | 32,667 | 50,658 | 68,649 | 105,354 | ✓ | ✓ |
| 6.40 | 44,395*(T45) | 68,843*(T70) | 93,293*(T95) | 143,174 | ✓ | ✓ |
| 7.32 | 58,075 | 90,058 | 122,042*(T120) | 187,296 | ✓ | ✓ |
| 8.23 | 73,412 | 113,843 | 154,272 | 243,000 | ✗ | ✓ |
| 9.15 | 90,743 | 140,717 | 200,000 | 292,650 | ✗ | ✓ |
| 10.06 | 109,689 | 151,363 | 240,000 | 360,000 | ✗ | ✓ |
| 10.98 | 130,668 | 202,632 | 288,000 | 432,000 | ✗ | ✓ |
| 11.98 | 155,574 | 241,253 | 338,000 | 501,672 | ✗ | ✓ |
| 13.82 | 207,033 | 321,052 | 450,000 | 667,609 | ✗ | ✗ |
| 16.59 | 298,344 | 462,650 | 656,000 | 962,053 | ✗ | ✗ |



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