

56,000 L inflatable tank

Vallfirest inflatable tanks are an advanced solution for improving logistics by creating remote water points. The design makes for quick and easy assembly, reducing the time and complexity of putting together traditional metal tanks all while being more efficient than floating ring tanks.

Technical specifications

- Water capacity: 56,000 L (14,800 gal)
- Material: 2600 g/m² PVC canvas and a double-layered base
- Product weight (empty): 173.5 kg (165.35 lb)
- Dimensions when folded: 170 x 113 x 90 cm / 67 x 44 x 35 in
- Dimensions when assembled:
 - Diameter: 6 m (20 ft)
 - Height: 2 m (6.5 ft)
 - Useful filling height: 1.7 m (67 in)
 - Wall thickness (inflated): 10 cm (4 in)
- 1 ball valve with a 3 inch BSP thread.
- 1 drain cap with a 3 inch BSP thread.
- Two connection valves for inflation.
- Rings to secure it to the ground: 8 stainless steel rings distributed around the outer perimeter.

Operational components

Inflation kit: Two 1200 W AC 220-240 V inflation pumps with a type C power source. With this system, the tank fully inflates in approximately 4 min.

Repair kit: Includes two PVC patches for repairs.

Fixing kit for securing to the ground: Includes 6 corrugated metal pickaxes, 30 cm long, with a galvanized finish, a mallet with a silicone-coated fiber handle, and 6 fixing straps with ratchets (100% polyester, elongation < 7%, 800 daN standard tension force). The straps are 25 mm wide and compliant with standard EN-12195-2.



Carrying cover and box: Each tank is supplied folded inside a canvas cover with a zipper close, equipped with nylon straps for easier handling. For transportation, storage and customer delivery, each unit is packaged in a pallet-ready plywood box with a lid on top. The box is labeled with “fragile load”, “treated wood”, the direction for opening, the manufacturer’s logo and a SKU identifier.

Inner suction section: The inner suction section makes for easier drainage of all water inside the tank.

The plywood box includes the following items, each in their original packaging:

- A complete inflation kit
- A complete repair kit
- A complete fixing kit
- Suction section

These additional elements are packaged along with the tank to guarantee safe and complete transportation to the final destination. The total plywood box measurements are 73 x 180 x 80 cm. The total weight is 224 kg.

