



**MFC**International

by RESPIREX

ENGINEERED INFLATABLE PRODUCT SOLUTIONS

# Pillow Tank

Product **Manual**



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**WARNING:** Carefully read this manual before operating

**NOTICE:** The manufacturer takes no responsibility for the consequences of actions not complying with the instructions given in this manual.

Capacity (litres)	250	400	500	1000	5000	10000
Product Code: Potable	WS0025	WS0026	WS0027	WS0028	WS0029	WS0030
Product Code: Non-Potable	WS0014	WS0015	WS0016	WS0017	WS0018	WS0024
Length (cm)	90	117	117	150	400	510
Width (cm)	80	75	95	150	225	220
Height (when full) (cm)	35	53	53	55	57	100

**Note:** Other sizes may be produced to order.

MFC Pillow Storage Tanks are collapsible Tanks with capacities ranging from 100 Litre to 12,000 Litres.

When completely full the Pillow Tank forms an ovoid cross section.

## DEPLOYMENT & USE

The following points are operational recommendations established by deploying the Reservoirs at many different training and demonstration events. MFC acknowledge that almost every operational scenario will have different hazards and risks, which can only be properly assessed at, and during, an operational deployment.

### 1. SITING

It is essential that the tank be filled on firm, level ground, and that the base of the tank be positioned on ground free of any sharp protrusions, such as glass, sharp stones, nails etc.

- 1.1. Remove from carrying valise, unfold tank and spread fully. Carrying straps positioned on each corner to ensure that the floor is free from creases. Carry Straps can also be used to reposition the pillow tank but only when tank is empty.

**CAUTION:** Do not drag the Pillow Tank as contact with sharp or abrasive objects may puncture the fabric causing the reservoir to leak water.

**CAUTION:** Do not drop the heavy metal swivel couplings (if fitted) as the impact may puncture the Pillow Tank fabric causing the tank to leak

### 2. FILLING

- 2.1. Filling method is optional and is either by 2 1/2" instantaneous coupling or by 1" "Stortz" coupling.

There is a relief valve located on the top of the pillow tank to facilitate the venting of excess water to indicate when the tank is full.

### 3. DRAINING

- 3.1 To drain the Pillow Tank simply open the ball valve to release the contents.

## **PACKING**

Open ball valve to empty residue contents from the pillow tank, allow time for tank to dry (if possible).

Fold tank to ensure that all ball valves are inside the folded unit (to protect the Valves).

Do not fold and leave ball valve protruding.

## **Maintenance and Test Procedures**

### **1. GENERAL**

Leakage or damage to the pillow tank is best located when tank is filled.

To locate leakage on the pillow tank use soapy water and brush to locate leak unless it's visually apparent.

Mark areas to be repaired.

As a general rule, punctures and other damage will need to be assessed in two categories:

a) that which is repairable at the base, or b) serious damage that will need to be repaired by MFC International Ltd.

a) Repairs that are manageable at the base workshops will be minor punctures to any area of the Rescue craft. These can normally be repaired by the application of a small repair patch.

b) Repairs that should be carried out by MFC will be the more serious kind, such as damaged valves, badly torn fabric (either on the side-walls or the flat surfaces) and the replacement of damaged fittings.

If in doubt as to the extent of the damage and the level of repairs necessary, please contact :-

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