



Handling Instructions of ECO-PA tanks and vessels



Contents

| | |
|---|-----------|
| Reception of tanks..... | 3 |
| Lifting methods..... | 4 |
| Installation of TOP / BOTTOM accessories.. | 5 |
| Installation of LATERAL accessories..... | 6 |
| Installation of Charge / Discharge openings. | 7 |
| Mounting of flanges..... | 8 |
| Mounting of foot..... | 9 |
| Working Conditions..... | 10 |

RECEPTION of TANKS:

PEVASA tanks must be transported and received in vertical position. Tanks are To set up the tank for the proper use, tanks must be separated from the the pallet and accessories ans connectors must be installed as described in this manual.



Lifting methods:

PEVASA tanks are supplied on a pallet to help transportation and handling. However if mounting of accessories is necessary, PEVASA recommends the use of the lifting KIT described below.



1.- Introduce the four metallic pins into the holes of bolts.



2.- Ensure that the safety ring has been correctly adapted

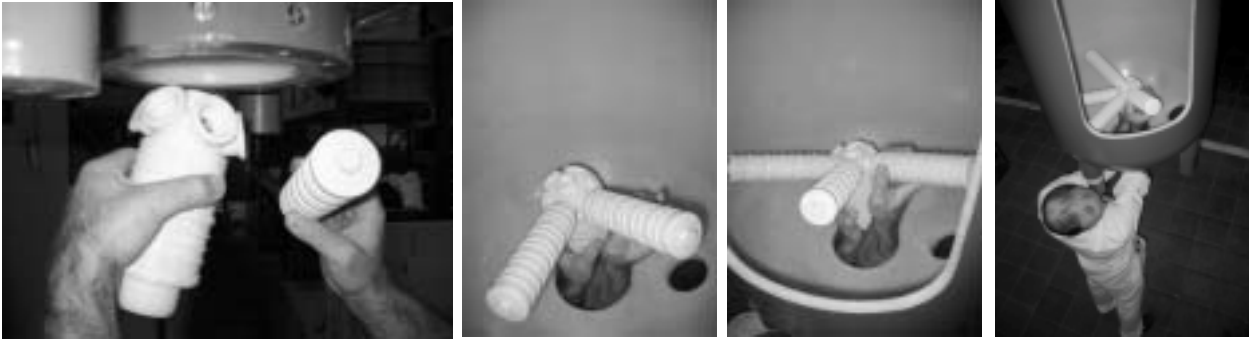


3.- Hang from the lifter



4.- Remove the pallet by simply unscrew

Installation of TOP / BOTTOM accessories:



1.- Mount the complete diffusion system into the tank through the TOP / BOTTOM as rerequired



2.- Screw the diffusion system in the flange, and put the corresponding screws to fit the flange on the tank. Torque 17,7 N/m

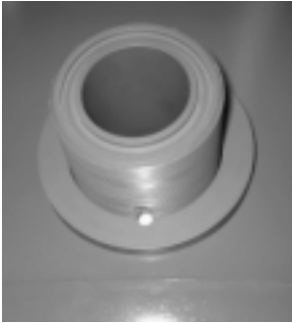


Installation of LATERAL accessories:



1.- Introduce the lateral adapter socket into the tank through the TOP / BOTTOM as required

2.- Ensure that the wedge for fix the piece is correctly intruded in the nick.



3.- Put the supplied o ring and thread male as shown in the figure.



4.- Tighten



5.- Glue the piping necessary to adapt accessories and screw required arms to the distributor to complete the distribution system.

C/ Almería, 31 – 08226 Terrassa
P.O. Box – 82- 08220 – Terrassa(Barcelona) - SPAIN

Installation of Charge / Discharge Oppenings:



1.- Introduce the adapter into the tank through the TOP / BOTTOM as required



2.- Ensure that the wedge for fix the piece is correctly intruded in the nick.



3.- Put the supplied o ring and thread male as shown in the figure

4.- Tighten

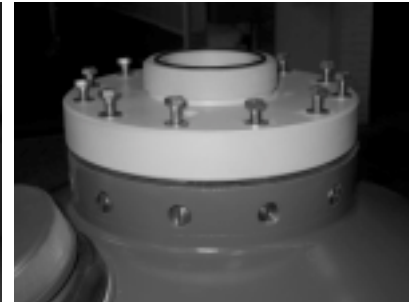
Mounting of Flanges:



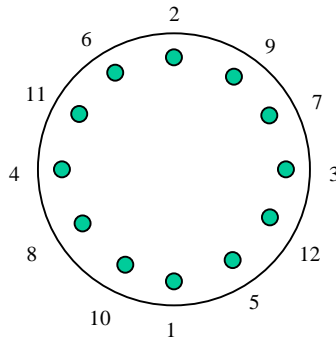
1.- Introduce bolts into the holes leaving the screw in top position as shown in the figure



2.- Introduce screws into the bolts ensuring that the o-ring remains in the optimum position



2.- Tighten the screws with a torque of 17N/m, following the order suggested below.



Mounting of Foot:



Material Properties:

- ✓ Polyamide 6
 - Melting point,220°
 - Tensile Strength,..... 82 N/mm²
 - Flexular Strength,..... 3300 N/mm²
 - Recyclable by depolymerisation, 100%
- ✓ Internal liner of ethylene acid copolymer
 - ✓ **Chemical resistance**, (see specific brochure)

Working Conditions:

- ✓ Working Pressure: **10,5 bar**, 150 psi.
- ✓ Vacuum Resistant
- ✓ Maximum working temperature, 50°C
- ✓ Minimum burst pressure, **42 bar**, 600 psi.
- ✓ **Safety factor**, **4:1**
- ✓ **Chemical resistance**, (see specific brochure)
- ✓ Protect from UV exposure

PEVASA will only respond to the quality of their products if the use of their products by the customers has been within the working conditions cited above and according to the warranty conditions established.