

Hydro-pneumatic Membrane Tanks

Procedure for Membrane Replacement

Caution

- ◆ Please note that only qualified and licenced personnel may perform service, maintenance and replacement of tank components
- ◆ To perform maintenance, control or replacement, make sure the system is off, cooled and not pressurized all the electric parts are not energized and the vessel is completely empty.

Membrane Replacement Directions

- ◆ Changing the membrane on an interchangeable membrane tank could be easy for the final customer too, taking some precautions.
- ◆ Zimlet spare membranes are available from authorized stockist / distributors.
- ◆ Below are the directions to be followed before starting any replacement operation.

Step 1



Unscrew the valve cap and gradually release the internal pressure

Step 2



Once the pressure is released, unscrew the nuts of the blocking counterflange and remove it;

Step 3



Remove the membrane through the flange, by carefully rolling the membrane in the tank

Step 4



Insert the new membrane rolled up inside the tank, holding the neck of the membrane against the flange

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Step 5



Avoid rubber on threaded holes, make the neck adhere to flange and centre the membrane

Step 6



Replace the counterflange so that it presses the neck of the membrane against the flange of the tank

Step 7



Rescrew the counterflange

Step 8



Reposition the valve

Step 9



Restore the precharge of the tank according to the value specified on the label of the tank

Step 10



Finally, cover the valve with the cap

Caution: The image contents are approximate. The components of the tank may be different. Wear proper protection gear. Flowmatics does not take any responsibility for an improper or incorrect use of these directions.