

NORTHVALE EXPANSION TANKS

Replacing an Expansion Tank Membrane

Changing the membrane on a replaceable membrane tank is an easy process, provided the following precautions and instructions are followed. Replaceable membranes are available from Cooke Industries.

1. Unscrew the valve cap, then let off the internal pressure by depressing the schrader valve;
2. Once the pressure is discharged, unscrew the nuts of the blocking counter-flange and remove it;



3. Take the membrane off the tank through the flange, by rolling it up;
4. Insert the new membrane rolled up inside the tank, holding the neck of the membrane against the flange;



5. Centre the membrane and spread it in the interior of the tank, making the neck adhere to the tank flange and avoiding the rubber covering the threaded holes;



6. Replace the counter-flange so that it presses the neck of the membrane against the flange of the tank;



7. Re-screw the counter-flange;



8. Reposition the valve;



9. Restore the pre-charge of the tank according to the value specified on the label of the tank;

10. Cover the valve with the cap. The replacement is over



Please Note:

- The above images are representative only; the components of individual tanks may differ.
- Wear the proper protective equipment.
- Always discharge the pressure in the tank prior to opening.
- Use only OEM spare parts.
- Cooke Industries do not take the responsibility for an improper or incorrect use of these directions.

Adjusting The Pre-Charge of the Expansion Tank

If the pre-charge of the tank needs to be adjusted to overcome the static head of the system, this can be simply done using a suitable compressed air supply (or pump) and gauge, as per instructions 9 & 10 above.

Care must be taken to ensure the vessel is empty of water prior to adjusting, and that the bladder is not over-pressurised.