

	<b>TECHNICAL SPECIFICATION</b>	Quality Assurance
	TITLE: <b>BLADDER CHANGE INSTRUCTIONS</b> Interchangeable range	REF <b>SPT 0212-02-GB</b>
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## REMOVING THE BLADDER

### MATING FLANGE SYSTEM

- Unscrew the bladder's retaining nuts (No. 5).
- Push the bolts exposed back towards the inside of the tank (No. 6), taking care not to damage the thread.
- Pull the tank's bladder out through the inspection hole.
- Locate the mating flange's position inside the bladder (No. 7)
- Take the two parts of the mating flange out from inside the bladder and refit them in the new bladder.

### STRAINER SYSTEM

- Unscrew the bolts (No. 13).
- Remove the outlet (No. 12), as well as the strainer (No. 11).
- Remove the bladder's flange (No. 10) from its housing and push it back towards the inside of the tank.
- Remove the manometer and the manometer brake (No. 16) and undo the bladder's locking ring (No. 15) (Vertical models only).
- Remove the bladder via the inspection hole.

## FITTING A NEW BLADDER

*NB: Before fitting a new bladder, you must ensure that the inside lining is in good condition (redo it where necessary).*

*Make sure there are no foreign objects remaining inside the tank that would pose a risk of damaging the bladder.*

### MATING FLANGE SYSTEM

- Place the bladder inside the tank and insert the bolts into the flange holes (No. 8).
- Put the bladder's retaining nuts back on and tighten them up. (Preferably, new nuts should be used – sealing/locking nuts).
- Put the inspection hole cover back on once you have fitted a new seal (No. 4) and tighten up the nuts.
- Carry out the commissioning procedure once again: pre-inflate the bladder to the value calculated, check it is watertight, then fill with water at operating pressure and check the watertightness again. **EVEN THE SLIGHTEST LEAK MUST BE STOPPED.** (Use a foaming agent or soapy water.)

### STRAINER SYSTEM

- Place the replacement bladder inside the tank via the inspection hole.
- Using the cord, fit the ring (No. 14) into the central hole in the cover (No. 3). Place the locking ring (No. 15) in the bladder's ring (Vertical models only).
- Put the inspection hole cover back on once you have fitted a new seal.
- Tighten up the nuts (No. 2)
- Fit the manometer brake and the manometer (No. 16) back onto the cross (No. 17) (Vertical models only).
- Put the flange (No. 10) back into its housing (No. 18), after having cleaned the latter, if necessary.
- Place the strainer back on (No. 11).
- Fit the water outlet (No. 12) and tighten up the screws (No. 13).
- Carry out the commissioning procedure once again as outlined above.

