

**FILTER CARTRIDGE REPLACEMENT****EXP 02**

Filter cartridges must be replaced with the utmost care in order to avoid dirtying the new cartridges and polluting the water being treated, and to create favourable thoroughfares if the cartridges are wrongly positioned or if any seals are missing.

**Replacement procedure**

- Before isolating the filter by closing the upstream and downstream valves, check that water is not needed for washing or regeneration on a downstream apparatus.
- Once the filter has been isolated, open the drain valves before decompressing the filter.
- Unscrew the casing or dismantle the upper lid, depending on the model.
- Remove worn cartridges.
- Check the internal state of the casing and clean if necessary.
- Install the new cartridges, taking care to unpack them at the last minute. Hands must be clean when touching the cartridges.

**Note** : in the case of microfiltration or finishing cartridges (0.2µ), avoid touching the cartridges directly. Use the packaging or disposable surgical latex gloves.

Be sure to position the filter cartridges and seals properly.

- Close the casing.
- Open the upstream valve slowly and bleed it.
- Before opening the downstream valve, rinse the cartridges for 1 to 2 minutes with a dropper.

**Note** : in the case of active carbon cartridges, rinse the cartridges with a dropper until clear water is obtained.

- Once the cartridges have been properly rinsed, open the downstream valve.
- Record the pressure loss and the replacement date in the operating log.

**NB** : After replacing the cartridges, it is advisable to measure the fouling index on the microfiltration batteries upstream from the reverse osmosis apparatus in order to check that the installation is perfectly intact. Failure to do so may cause irreversible damage to the osmosis membranes.