

PREFILTER CARTRIDGE REPLACEMENT

When low-pressure reading drops to 5 PSI, it is time to change the prefilter cartridge. This procedure will instruct you on how to do this.

Operation

1. When priming watermaker, bleed the air from the housing by using the bleed valve on top of the lid.
2. Change prefilter cartridge when low-pressure reading drops to 5 PSI.
3. Cartridge may be cleaned once by hosing off with fresh water or seawater.
4. If any sign of wear or fraying appear on the filter pleats, discard cartridge and replace with new one.

Cartridge Replacement

1. With system off and thru-hull closed, unscrew the bleed valve to relieve any pressure.
2. Remove locking ring collar counterclockwise.
3. Firmly grasp lid then twist and lift to remove.
4. Remove cartridge, drain and clean debris from inside housing.
5. Install a new FCI cartridge.
6. Replace lid and screw collar on hand tight.
7. After a cartridge change, the watermaker will need to be primed and the housing bled of air.

WARNINGS

- Do not exceed 60 PSI.
- Do not use any cleaners or bleach on cartridge.
- Do not overtighten locking ring collar.
- Use of non-FCI cartridges will cause system damage.
- Do not use a wrench to remove/replace lid or collar.

FOR EASIER APPLICATION, VIEW THIS INSTRUCTIONAL VIDEO.



FAQS

Q: Why do you need to change the prefilter?

A: As the prefilter removes particulates, it begins to clog. This is indicated by a lower feed pressure reading. At some point the filter will reach its load capacity and require a change.

Q: Can you clean the filter?

A: FCI filters are made of a higher quality material than "off the shelf" products. As a result, FCI filters can be cleaned a few times.

Q: When does the filter need to be thrown away?

A: When you see fraying of the pleats, it's time to replace the cartridge.

Q: Why is it important to clean out the housing?

A: Over time, sediment will collect at the bottom of the housing. When a cartridge is replaced, sediments can migrate to the high-pressure pump. This can result in damaged to the seals or valves and cause premature membrane failure.

Q: Why do you have to bleed the air out of the housing?

A: When a cartridge is replaced, air is introduced into the system. If the air is not bled from the housing, you reduce the filtering surface area to the level of the water. Bleeding the air will let the water rise to the top of the housing so the entire cartridge can be utilized.

REPLACEMENT PARTS

- 20-2261** — Filter Cartridge
- 23-4184** — Filter Lid O-ring
- 93-6907** — Lid with Air Relief Valve
- 23-2502** — Locking Ring Collar
- 80-6266** — Air Relief Valve
- 21-2226** — Complete Housing

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