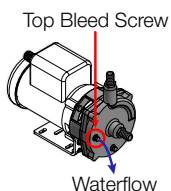


LOW PRESSURE PUMP AIR PURGE

In all cases, centrifugal pumps must receive an initial prime before operation. Also if the pump exhibits trouble building pressure, an air purge could remedy operation. This procedure will instruct you on how to do this for the Low Pressure Pump.

CARTRIDGE REPLACEMENT

1. Locate Low-Pressure Pump (LPP).
2. Locate bleed screws on the front of LPP, start with the top bleed screw for best results.
3. Remove bleed screw with bucket ready to catch water.
4. Once steady flow is exiting the pump, replace screw.
5. Using LPP Only button or service menu (depending on the model of machine), turn on Low-Pressure Pump only.
6. After bleeding and air is cleared, low pressure should be around a steady 30 PSI.
7. Hit Stop and restart machine, verify air is cleared and machine works normally.



8. WARNINGS

- Do not attempt to prime pump or add water while pump is in operation.
- While priming, the discharge line of the pump must not be pressurized or blocked.
- Do not overtighten the bleed screw when reinstalling.
- If pump does not build up pressure as motor develops speed, shut down and re-prime.

**FOR EASIER APPLICATION, VIEW
THIS INSTRUCTIONAL VIDEO.**



FAQS

Q: Why do you need to purge air from the Low-Pressure Pump?

A: Air in a centrifugal pump risks damaging the pump's internal critical parts and overheating the pump system.

Q: What can cause air in the Low-Pressure Pump?

A: In all cases, the initial startup requires priming. Always install low-pressure pump below the waterline. Also, any air leaks in the suction hose upstream from the low-pressure pump can introduce air into the pump. Fix air leaks and purge air from pump before continued operation.

REPLACEMENT PARTS

Refer to the user manual of your system and locate the exploded illustration of the low-pressure pump. From the illustration, you can identify the part and its number. Replacement parts can be ordered from your FCI Watermakers representative.

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