



FINERFILTERS

Booster Pump Kit Instructions



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Booster pump kit instructions

Contains:

- 1x Echen Booster pump – (50GPD / 75GPD / 100GPD)
- 1x DMFIT Strainer
- 1x Pressure Gauge
- 1x High Pressure Switch
- 2x 3/8" to 1/4" elbows for pump.
(PTFE Taped)
- Bypass assembly
- Electrical connectors



Note: when connecting push fit connections, please make sure tubing is cut straight and when pushing the tubing into the fittings, be sure to push it in far enough for it to clip in. Make sure you add collet clips where applicable. Please be aware of the flow arrows on the booster pump and strainer. Be sure to follow these.

1. Assemble pump by inserting the two 3/8" to 1/4" pushfit fittings into either side.

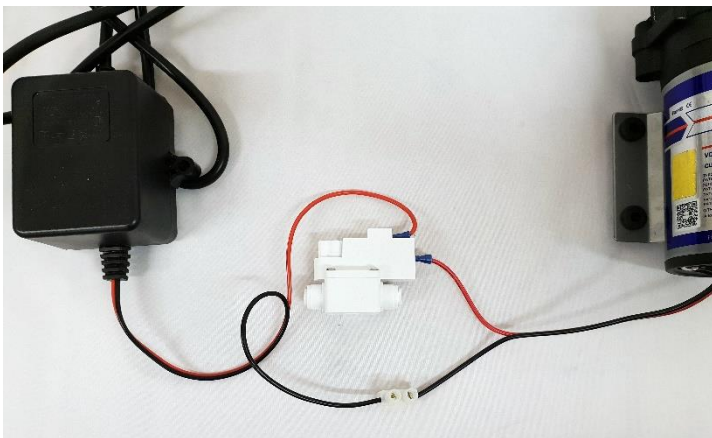
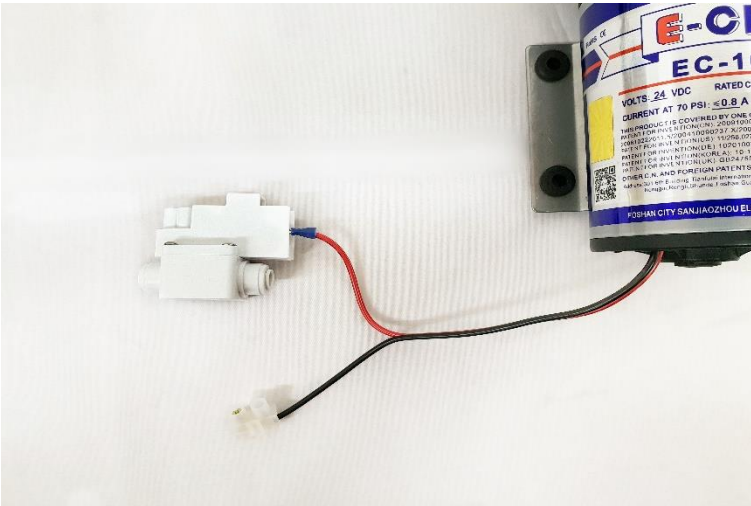


2. Insert bypass assembly into the elbow fittings to the pump, like so, and attach strainer to inlet side of pump. This strainer will protect your pump from any suspended particles, and the bypass / ball valve allows you to adjust the pressure output of the pump.



Now for the electrical connections –

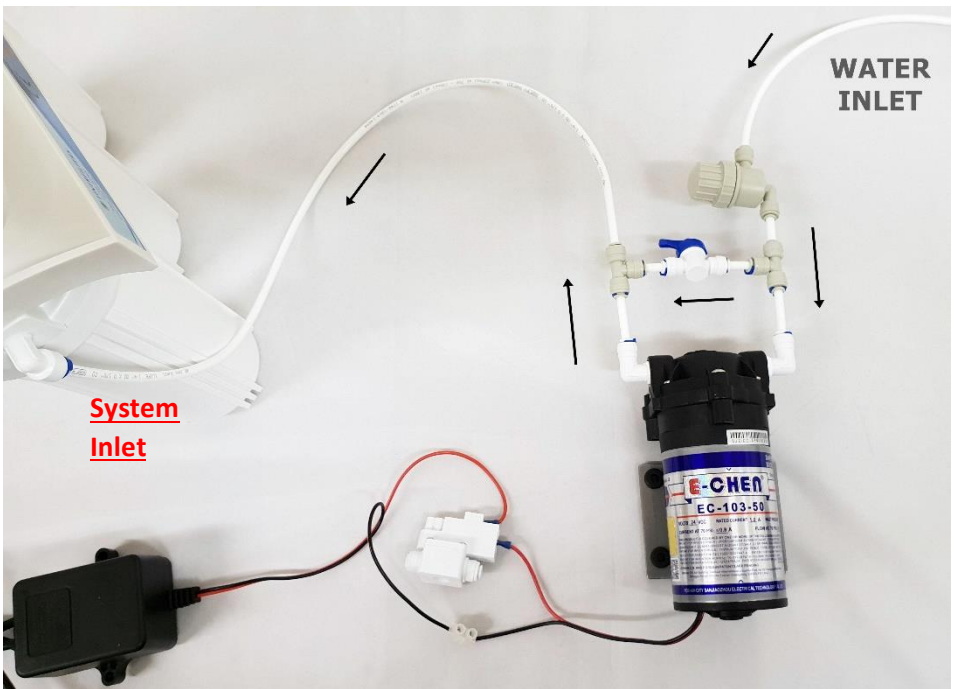
1. Take both red leads with female spade connectors and attach to high pressure switch.
2. Take both stripped black leads and marry together with electrical connector.



The pump should be inserted on the inlet to the reverse osmosis system.

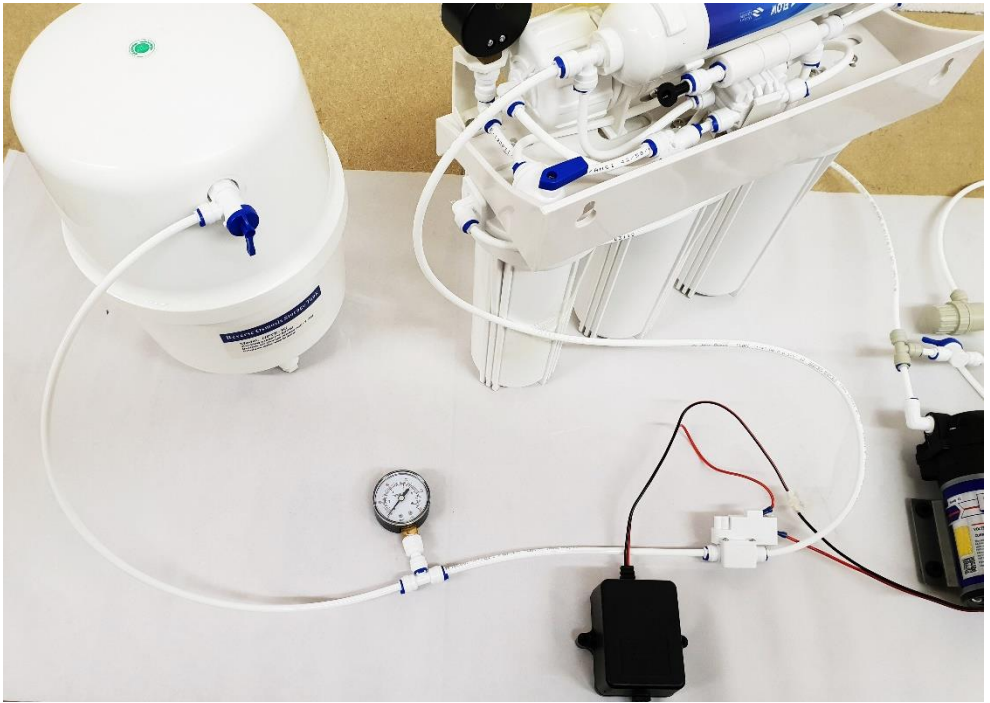
Insert the feed water line from your mains into the inlet of the DMFIT Strainer.

On the outlet side, use the tubing to connect the pump to the **inlet** on your reverse osmosis system.



Now for the final stage – installing the pressure switch.

Insert the pressure switch in line with the feed line to the tank. It doesn't matter which way the pressure switch is installed as it can be installed either way.



If you have a 6-stage reverse osmosis system, you can use the pressure gauge in the kit to be placed between the switch and tank to monitor what pressure the switch will turn the pump off, as a pressure gauge is installed in the system. If you don't have a 6-stage system, you should use the pressure gauge to monitor the pressure after your pump. Please install the pressure gauge **BETWEEN YOUR FINAL POST FILTER (CARBON BLOCK) AND MEMBRANE** (pictured below). This is the same for both aquatic and domestic (pictured) systems.

