

Installation Instructions

RO Booster Pump Retrofit Kit



WECOTM
FILTERS

Changing the Course of Water Purification

Package Contents

Aquatec Pressure Booster Pump Qty 1	Low Pressure Switch Qty 1
Pump Transformer Qty 1	Solenoid Qty 1
High Pressure Switch (Tank Shutoff) Qty 1	Wiring Harness Qty 3

- Notice :**
- ▶ Do not subject the pump to freezing temperatures, rain or direct sunlight while in operation.
 - ▶ Pump will not stop forward flow of water even if the motor is turned off if there is sufficient feed water pressure. Make sure the solenoid valve is plumbed in using instructions below as a positive mean of shutting off the water supply.
 - ▶ Only qualified electricians per local and state codes should do electrical wiring.
 - ▶ Do not use with water that is microbiologically unsafe or of unknown quality.



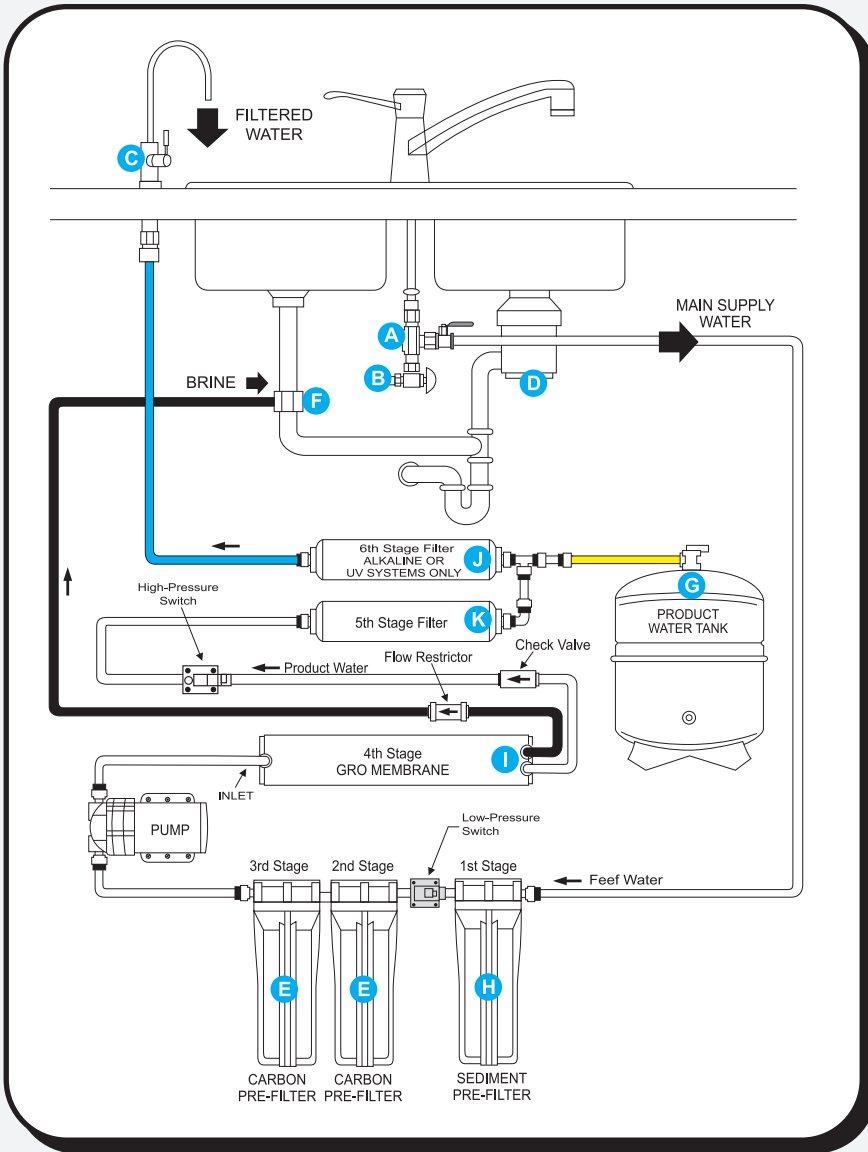
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Installation Video

Installation :

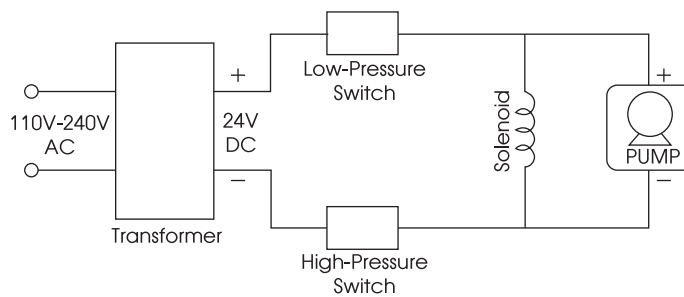
- ▶ Stop the water supply to the RO system by turning off the feed water adapter. Turn off tank ball valve and fully open the drinking water faucet to release water pressure in the system.
- ▶ Disconnect all tubes going out from the RO system and place it on a convenient work surface. Disassemble the membrane and post filter. Remove all tubes, check valves, auto shutoff valves, flow restrictors and get access to the top of RO bracket.
- ▶ Insert the two 1/4" elbow stems into the pump.
- ▶ Mount the pump on top of RO bracket and secure with screws. Using washers will reduce vibration & noise. Notice the flow direction printed on the front of the pump and filter canisters.
- ▶ Outlet of the 1st stage (sediment) canister will connect to the Low pressure sensor.
- ▶ 2nd stage canistor outlet should connect to the 3rd stage (0.5m carbon) inlet.
- ▶ 3rd stage canister outlet connects to the Pump inlet port side. Outlet of Pump will connect to membrane inlet side.
- ▶ Permeate (filtered water) end of the membrane connect to the High pressure switch inlet port side through a check valve. Make sure the flow direction of check valve is set away from the membrane.
- ▶ Drain end of the membrane will connect to the under sink drain through a flow restrictor. Again check the flow direction away from membrane.
- ▶ High pressure switch outlet connects to a union Tee branch. This branch also connects to the inlet side of the post carbon filter and the RO pressure tank.
- ▶ Outlet of the post filter connects to the RO drinking water filter. Secure the membrane and post filter to the RO bracket using clips.
- ▶ Install the RO system under the sink and turn on the water supply. Check for leaks.

Pump Retrofit Kit Plumbing Diagram

- A** Water supply adapter valve
- B** Cold water shut-off valve
- C** Auxiliary faucet
- D** Garbage disposal
- E** Carbon Filters
- F** Drain Saddle
- G** Storage tank with valve in open Position
- H** Sediment Filter
- I** Membrane
- J** Inline GAC Filter
- K** Alkaline/UV Filter (optional)



Reverse Osmosis System Electric Booster Pump Tubing Diagram



Electrical Diagram

**For Questions and Concerns,
Feel Free to Contact Our Support Staff**

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