



## Reverse Osmosis Booster Pump Manual

### D-RO-BP

The DROP RO Booster pump has been designed to allow the DROP RO filter to supply water to any faucet, and to be able to supply a refrigerator with water for an ice maker. The RO booster pump is designed to be able to supply water from the level of the RO filter up to 10 feet above the level of the RO filter. If a faucet or water outlet is below the level of the booster pump, a slight restriction in the water line may be needed to allow normal operation to that outlet.

The RO Booster pump is designed to protect itself from running continually. In normal operation, the pump will turn on and off immediately as water is used. If air gets into the water line (For example, the RO water tank is ran empty) the pump will automatically detect this and turn off, but may run for a limited amount of time even with the water outlet(s) turned off. Normal operation will return automatically once the RO makes more water and the air is emptied out of the lines.

**Note:** Most modern refrigerators that have a water dispenser in the door also have an internal water filter. The flow from a door dispenser will be low. Filter bypasses can be found for some refrigerators that might help improve the flow.

### Specifications

#### Specifications

- 12v DC power
- Max vertical distance of 10 ft.
- 3/8 inlet / outlet (tubing not provided)
- 1 year manufacturing warranty

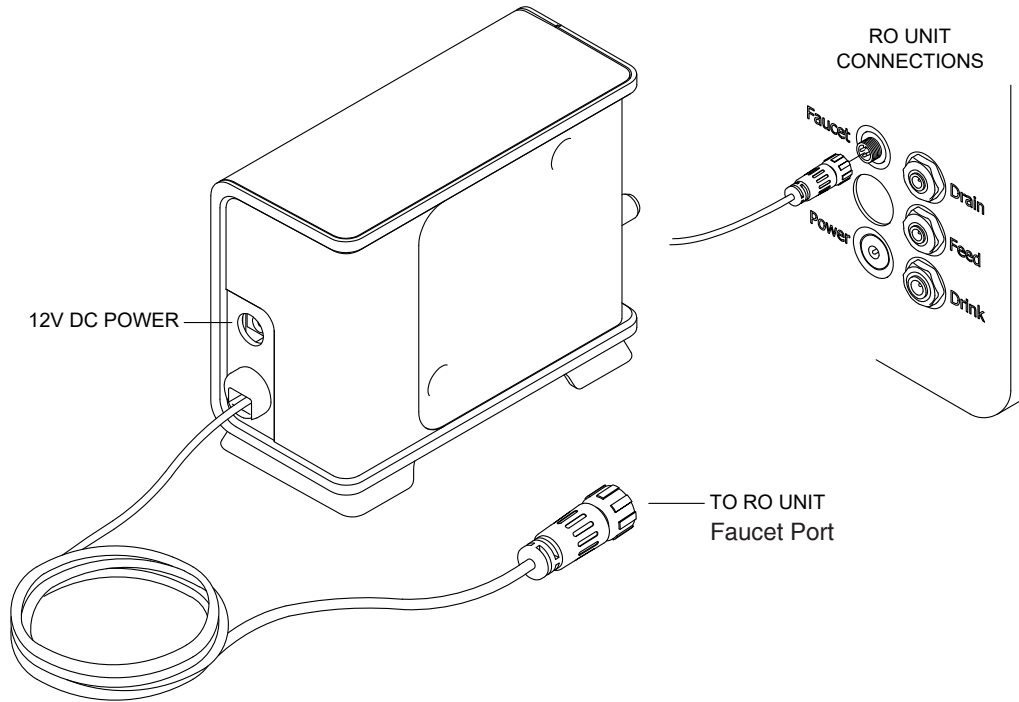
### Installation

- If you are installing the Booster Pump at the same time as installing your Reverse Osmosis filter, first set up your RO unit and allow it to make filtered water for 20 minutes before connecting power to your booster pump for the first time.
- Unplug RO power supply.
- Place pump near the RO unit on a flat surface.
- Fasten circular rear cord of pump to faucet port of RO. If you have been using the existing faucet provided with your RO, it will need to be unplugged from this port. It will no longer light up.
- Push 3/8 coupler provided onto inlet of the pump.
- Push 3/8 tubing into opposite end of coupler and the other end to "Drink" port on RO. If you were using the RO prior to installing this pump, remove the existing drink line from between the RO & faucet.
- Push 3/8 tubing into the outlet of pump and run the other end to the faucet. This line can also be Teed, providing water to other ports. Example: refrigerator dispenser

## Installation Continued

- Plug RO power supply in and let the RO water supply recover. (Wait until the RO is not making any noise or there is no water coming out the drain port).
- Open the faucet outlet and then plug in booster pump power supply provided to rear port of pump and other end into a 115v outlet.
- Once water is dispensing and there is no air observed in the water stream, close the faucet.

### Rear Connections



### Front Connections

