Installation Diagram

1 - Check valve*

* note arrow that indicates direction of water flow

2 - High pressue switch

3 - Low pressure switch

4 - Pump protector/filter

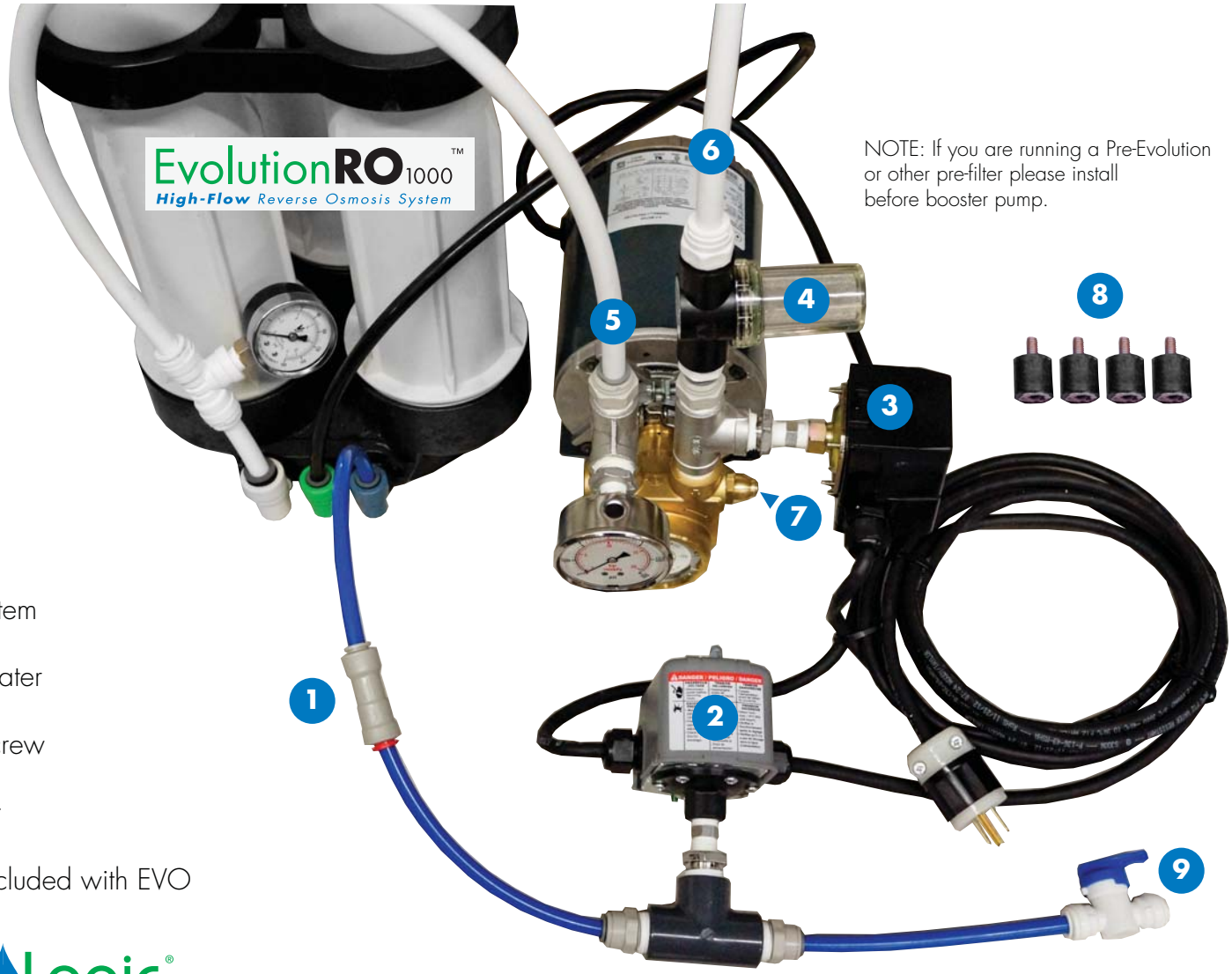
5 - Pump outlet to RO system

6 - Pump inlet from tap water

7 - Pressure adjustment screw

8 - Rubber Mounting Feet

9 - Inline shut off valve included with EVO



NOTE: If you are running a Pre-Evolution or other pre-filter please install before booster pump.

HydroLogic® PURIFICATION SYSTEMS

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HydroLogic®
PURIFICATION SYSTEMS

Pressure Booster Pump for Evolution-RO1000 Continuous Duty

1) READ THROUGH INSTRUCTIONS COMPLETELY BEFORE HOOKING UP THE PUMP.

2) Unpack pump carefully. You should have the main pump system with external high pressure switch, pump protector/inlet filter, check valve and rubber feet pack.

3) Push pump protector/inlet filter into the "water inlet" fitting. Hook up water inlet connection to other end of pump protector from your tap or pre-filter. Install check valve on product water tubing in between RO system and high pressure switch (arrow indicates direction of water flow) Install tubing from water outlet of pump to your Evolution-RO1000 Reverse Osmosis unit. Install RO product water tubing into external high pressure switch. There is no set direction the water has to flow through the high pressure switch.

4) Turn water on slowly checking for leaks. Open water up all the way. Make sure both product and waste water are flowing from the RO system.

5) Plug in the pump to a GFCI protected 110V outlet. Pressure will rise rapidly. If pressure gauge on pump and RO unit reads above 75 PSI you need to turn the pressure down by turning the pressure adjustment screw counter clockwise until the pressure gauges reads 75 PSI. If pressure gauges read below 75 PSI when you turn the pump on you need to increase pressure by turning the pressure adjustment screw clock-wise until the pressure gauges read 75 PSI. DO NOT EXCEED 80 PSI.

6) Test the low pressure switch by turning the incoming water supply to the pump off. The pump should shut down a few seconds after the incoming water is shut off.

7) Test the high pressure switch by turning the inline shut off valve, included your Evolution-RO1000, off or closing the optional float valve at the end of the product line. The inline shut off valve should be installed after the high pressure switch. After closing the shut off valve or float valve pressure will build in the product water line and trigger the high pressure switch and your pump should shut off after a few seconds.

8) If both low and high pressure switches work fine and there are no leaks you are ready to start using your pump. If you have a problem with any of the pumps components or general operation questions or concerns call us immediately.

9) You can leave the pump plugged in and let the float valve or inline shut valve control the pump and RO system. When pressure on the product line is relieved (ie: float valve or inline shut off valve opens) the pump turns on. When pressure builds in the product line (ie: float valve or inline shut off valve closes) the pump shuts down. If you are leaving the area for long periods of time it is recommended to unplug the pump and turn off the water supply.

10) You can mount the pump to a solid surface using the included rubber feet, you will need additional hardware depending on where and how you want to mount the pump.

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