



PRO SERIES

Portable Reverse Osmosis



OPERATORS MANUAL

WARNINGS

1. DO NOT stop the flow of waste water. Reverse Osmosis systems create waste water in the process of making RO water.
2. DO NOT let the pump run dry. Line pressure water must be supplied to the system before and during operation.
- 3.

OPERATING INSTRUCTIONS

1. The system may be operated in the horizontal position as shown above, or in the vertical position. It is recommended to operate in the horizontal position to avoid a tipping hazard.
2. CONNECT your water supply via a garden hose. Supply should be minimum of 5 gallons per minute and have positive pressure.
3. CONNECT a short garden hose to the waste port to carry waste water away from where you are operating the system.
4. CONNECT the hose you will be using for clean RO water.
5. SLOWLY turn on the water source.
6. FLUSH the system for 5 minutes before use. There should be water coming from both the waste hose and the RO hose.
7. PLUG the power cord into a GFI 115 volt electrical outlet.
8. START the system with the switch on the pump motor.
9. The system is equipped with a flow restrictor on the waste stream. This limits the waste to approximately 2.5 gallons per minute and applies appropriate back

pressure on the membranes to produce RO water. The system should yield 40-50% recovery which is appropriate for this system. Actual water production will depend on the feed water flow and pressure, temperature, and pre-filter condition.

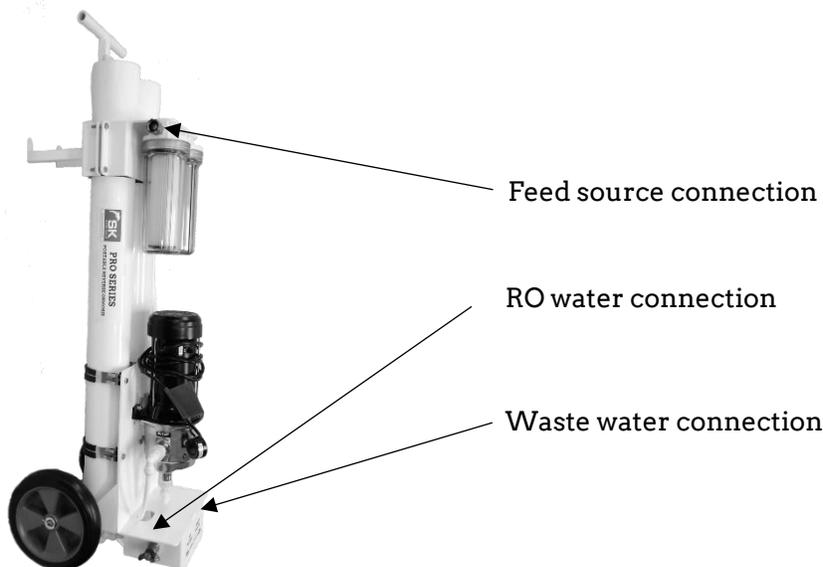
10. The system should not be operated using a self-closing hose handle or spray nozzle. If the flow of RO water is stopped, the system is built with a safety blow-off valve that will divert RO water to the waste stream. It is okay to use a spray nozzle that does not stop the flow of RO water.



REMINDER – The PRO Series is not a high pressure washer.

When you are finished using the system,

11. **TURN** off the system with the switch on the pump motor.
12. **FLUSH** the system for 2 minutes.
13. **TURN** off the water source.
14. **UNPLUG** the power cord.
15. **DISCONNECT** all three hoses.
16. **PLACE** the system in the vertical position as shown below.
17. **ALLOW** excess water to drain from the system for a moment.



MAINTENANCE

1. VISUALLY check the sediment cartridge.
 - a. If it appears dirty, or the production of RO water diminishes, the cartridge may need to be changed.
 - b. Order the Pleated Filter Cartridge, 2-3/4" x 9-3/4" 5 micron at www.skwatermakers.net
2. ESTIMATE gallons used to determine when to change the carbon cartridge.
 - a. Typical city water supply is approximately 5 gallons per minute or 300 gallons per hour. The carbon cartridge capacity is approximately 5,000 gallons. Change carbon cartridge after every 16 hours of use (5,000 gallons capacity divided by 300 gallons per hour)
 - b. DO NOT operate the system without a carbon cartridge in place. City water contains chlorine which can damage the membranes. Carbon filters remove harmful chlorine.
 - c. Order the Carbon Block Cartridge at www.skwatermakers.net
3. MEMBRANES
 - a. Under normal operating conditions, the membranes should last 3-5 years, depending on frequency of use, storage conditions, water conditions, and temperature.
 - b. NEVER let the system freeze. In winter months, store the system in a heated environment, or remove the membranes and store them sealed in plastic in a heated environment.
 - c. SK Watermakers recommends a trained service technician remove or replace the membranes in the system. If you want to perform this work yourself, please see the video on the SKWatermakers channel on YouTube – Changing a Membrane with Darryl.
 - d. Order membranes by calling SK Watermakers 941-257-2036

WARRANTY

SK Watermakers warrants machine workmanship and parts for one year from the original date of shipment, with the exclusion of the membranes – there is no warranty on membranes.

All shipments must be inspected within 7 days of receipt and SK Watermakers needs to be notified as soon as possible of any shipping issues. All shipments are FOB North Port, FL and it is customers responsibility to file any claims with freight companies. SK Watermakers will assist in such claims to the best of our ability.

Any warranty claim for workmanship or parts must be approved in advance by SK Watermakers before any disposition is determined. Customer is responsible to return any part that may be eligible for warranty reimbursement or replacement. SK Watermakers does not pay for repair services without authorization.