

# Oceanic HYDRO-PAL & Portable RO Instruction Guide

## OVERVIEW

The Oceanic HYDRO-PAL and Portable RO uses replaceable Sediment, Carbon and RO Membrane cartridges. The Sediment and Carbon cartridges are self-contained. The RO Membrane is located in the center canister.

The Oceanic HYDRO-PAL and Portable RO should only be connected to a cold-water supply. The optimal water temperature is 77°F. Using other water temperatures will diminish the effectiveness of the filtration and can accelerate degradation of the membrane.

Use care to not over tighten the threaded connections- in particular the elbow connections. If once installed the system should leak, use plumber's Teflon tape on the threaded fittings.

When using a new Carbon Cartridge, remove the Membrane and run water through the carbon to rinse out any possible carbon dust.

Protect the Membrane from freezing and from drying out. After its first use, the Membrane must never be allowed to dry out. If the reverse osmosis system will not be active for more than 10 – 15 days, use a protective solution (Preservation Fluid), which maintains the efficiency of the osmosis unit by inhibiting bacterial growth and prevents the deposition of impurities.

**Do not leave the HYDRO-PAL unattended during use.**

Reverse Osmosis technology alone cannot eliminate unusually high concentrations of individual components, for example, high levels of silica and nitrate. To remove residual dissolved solids from reverse osmosis water, an additional deionization filter can be utilized.

***Oceanic HYDRO-PAL and Portable RO's WITH A DI FILTER\*: Do not use water for human consumption***

Use only original replacement parts. Change the Sediment and Carbon Cartridges regularly. The activated carbon serves to remove chlorine, which, if allowed to pass, would cause irreparable damage to the microstructure of the Membrane.

## PARTS LIST

Micron Cartridge

Carbon Cartridge

RO Unit Housing with Mounting Brackets

Membrane Filter

Garden Hose Connection

Installation & Maintenance Guide

## PRODUCT SPECIFICATIONS

Optimal Water Pressure: 60 PSI

Maximum Water Pressure: 100 PSI

Optimal Water Temperature: 77°F (25°C)

## Replacement Filters at OCEANICWATER.COM :

2 Replacement Inline Filters for Oceanic HYDRO-PAL

Portable & Mini Reverse Osmosis 2"x10" -

Model # **2INSEDCARB**

**For Aquarium RODI:** Portable Aquarium RODI

Reverse Osmosis Replacement Filter + DI Resin Set -

Model # **REFSEDCARBDI**

[www.oceanicwater.com](http://www.oceanicwater.com)

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## INSTALLATION

The Oceanic HYDRO-PAL uses replaceable Sediment, Carbon and RO Membrane cartridges. The Sediment and Carbon cartridges are self-contained. The RO Membrane is located in the center canister.

- 1) Mount or place the HYDRO-PAL or Portable RO to a solid surface.
- 2) After the tubing is detached, remove the Membrane Housing Lid.
- 3) Remove the Membrane from the plastic bag and insert into the Membrane Housing. (The end with the 2 O-Rings should be inserted first)
- 4) Replace the Membrane Housing Lid and tighten. Reattach the tubing. It is important to ensure the Membrane is fully inserted into the canister before screwing the lid onto the housing.
- 5) Connect the Garden Hose Adapter to a standard threaded garden hose. Insert Red 1/4" Tubing into the Garden Hose Adapter.
- 6) Connect the Blue/White 1/4" Tubing to the Filtered Water connection and the Black 1/4" Tubing to the Waste Water connection.

### Color Coded Tubing:

Red: Intake from water line (Faucet or Garden Hose)

Black: Waste Water. Can be slipped down the drain.

Blue/White/Yellow: (Purified Line) Attach to Container of Choice or Spout

Oceanic Water Systems, LLC warrants that this Reverse Osmosis Unit (excluding cartridges and membrane) shall be free from defective electrical components and leaks or cracks due to defects in materials or workmanship for a period of twelve (12) months from the date of purchase. If a defect is shown, Oceanic Water Systems, LLC will, at Oceanic Water Systems' sole discretion, either repair or replace the product without charge. No cash refunds will be made. This warranty is provided solely to the original consumer purchaser of the product and may not be transferred or assigned.

This warranty does not apply to damage resulting from accident, misuse, abuse, lack of reasonable care, failure to follow safety and installation instructions. This warranty will not be effective unless and until the Oceanic product is shown to have been used in accordance with the safety and installation instructions accompanying the product.

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Oceanic Water Systems, LLC shall not have any obligations under this warranty unless the owner notifies Oceanic Water Systems, LLC in writing of any alleged defect(s) within 30 days of discovery of the defect(s). Any notice to Oceanic Water Systems, LLC must be delivered by United States or electronic mail to the following address: U.S. Mail: Oceanic Water Systems 7623 Fulton Ave, North Hollywood, California 91605 or electronic mail: support@oceanicwater.com. Oceanic Water Systems, LLC shall be allowed a reasonable period of time to investigate any warranty claim and to perform any testing Oceanic Water Systems, LLC deems necessary to determine the cause of the defect. This warranty shall be interpreted under the laws of the State of California.