

# HALCYON

4 Stage Reverse Osmosis  
Deionization Purification System

## Installation Information



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

## Unboxing

Unpack the contents of the **First Box**, this box should contain your:

- SRA HALCYON Reverse Osmosis membrane,
- Hose
- Wrenches for the Sediment, Carbon and DI Containers and
- Reverse Osmosis housing.

The **Second Box** should contain your

- Main control bracket and
- Mounting connections
- Booster pump
- Power supply
- Water saver valve and
- Reverse Osmosis membrane housing.

The **Third Box** contains the:

- Bottom filter housings and
- Filtration cartridges.

## Assembly Instructions

**STEP 1** Mount the main control bracket on a secure surface, if you are mounting on a hollow wall make sure and use wall anchors strong enough to hold approximately 30 pounds, mounting to cinderblocks or a cement wall is preferred.

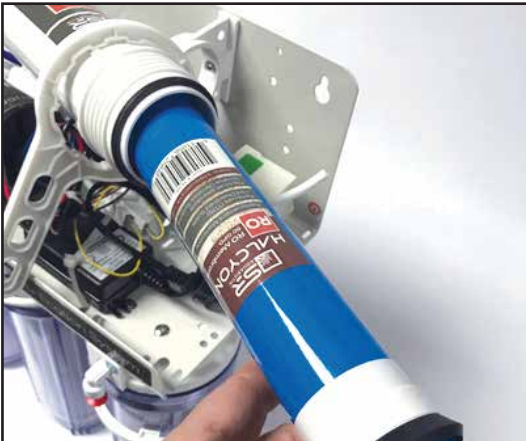
**STEP 2** Unpack the filter media from the plastic coating or bag, there is no need to rinse as the unit will need to be run for 24 hours before you are able to use the purified water, this will rinse any debris created during shipping. We normally recommend not running your DI resin for the first 24 hours when cleaning and wetting your reverse osmosis membrane. Simply remove the DI resin cartridge from the system and reinstall after 24 hours, removing it during this step will help lengthen the lifespan of the resin.

**STEP 3** The unit needs to be attached to a faucet or cold-water supply line.

Place the filter media inside the clear housing and screw into the main bracket housing, make sure that the seal is in place. Starting from the left or stage one sediment removal. The Stage 2 cartridge has two seals on the top and bottom of the cartridge, make sure that they are in place and then hand tighten the clear housing. Remove the plastic from stage 4 DI cartridge, place in the clear housing and hand tighten. Use the wrench to finish tightening the clear housings if necessary. Do not over tighten they just need to be snug with the wrench. Over tightening may damage the seal and cause a leak.

**STEP 4** Place the RO membrane in the stage 3 housing on the top of the unit. Remove the front screwed on portion to access the space for the membrane. You will need to remove only the single hose connection to gain access. You will need to remove the lock from the connection by pulling the blue tab towards you and then pushing up on the ring that surrounds the hose.

## Additional Information



This connection is often quite tight and will need to be removed with the included wrench.



Connect the **water inlet** connection to the faucet or cold-water line, you can use the included faucet adapter or connect to a saddle valve or direct connection to your water source. You will need to remove the lock from the connection by pulling the blue tab towards you and then pushing up on the ring that surrounds the hose.



Connect the **waste water** line. The connection for the waste water can simply be placed in a sink or connected to a drainpipe using a drain connection fitting sold separately. You will need to remove the lock from the connection by pulling the blue tab towards you and then pushing up on the ring that surrounds the hose.



The connection to your **purified water**/collection water can be used to fill containers directly or can be added onto a float valve keeping a collection container filled with purified water. One of the advantages of the system is that it comes with a water saver valve preinstalled that will shut off the water coming into the unit when your float valve is engaged.

Thank you for choosing **SR Aquaristik**! We know you have many choices of products in the aquarium industry and we appreciate that you have chosen us.

If you have any questions or need further assistance, please feel free to reach out to us on our website

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

or email us directly at

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