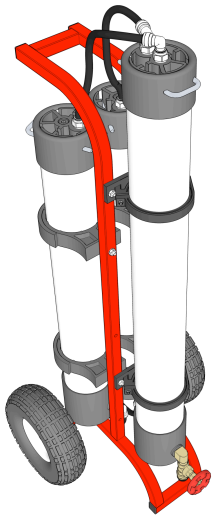

RHG 3 Stage H2PRO
User Manual

RHG Products Company
www.rhgproducts.com
303-663-1779

New Machine Setup Procedure

1. Unpack unit and inspect for any damage that may have occurred during shipping.
2. Be sure to inventory all items that were to be included with your order.
3. Any damage or missing components must be reported within 24 hours to the supplier of your system.
4. Your H2PRO is shipped complete in 1 box.

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Operation Instructions

1. Remove the plug from the outlet of your carbon pre-filter and follow the instructions. (Flush your carbon filter). THIS IS EXTREMELY IMPORTANT.
2. Attach a garden hose to the inlet of your system. (located at the back of the system on the bottom)
3. Attach a hose (pole hose or hose reel) to the outlet of your system. (located at the back of the system on the bottom)
4. Turn tap water supply on.
5. After flushing the carbon connect black tube that is coming out of the digital gallon meter to the outlet elbow of the carbon filter. (you only have to flush the carbon filter on initial set up and when you change your carbon filter)
6. As water begins to flow out of the bypass valve (blue valve at base of RO membane (large filter in front of system), slowly close the bypass valve all the way. Although the valve is fully closed, water will still flow out of it. This is normal.
7. It will take a few minutes for all of the air to purge out of your system before water makes its way out of the reel.
8. After the initial 'air purge' you will not need to purge air again unless you replace a filter.
9. You are now fully operational.

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Shutdown Procedure

1. Open the bypass valve fully to flush the system.

2. Flush the system for 4 to 5 minutes at the end of the job.

If you leave the unit inoperative for longer than 2 weeks disconnect your DI Cartridge and run the RO in flush mode for 4 minutes and RO production mode for 10 minutes before reconnecting the DI cartridge (check RO efficiency at this time)

3. Turn off the water supply to the unit.

4. Disconnect the water supply.

It is important to always flush the system after each use. Failure to do so will decrease the filters life.

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Maintenance

It is important to check the TDS level of the water coming from your system occasionally. This can be done by filling a cup with the water from your reel and testing it with a handheld TDS meter.

Once the TDS levels rise above 10 parts per million you will begin to see spotting on windows and should consider changing your DI Filter.

The carbon/sediment cartridge needs to be replaced every 6 months to protect the RO membranes. Failure to do so will void your warranty. The job of the carbon filter is to remove the chlorine. It is possible to check to see if your carbon filter is still working efficiently with a chlorine test kit.

Your H2PRO system is a water purification system and as such it needs to be maintained. Running water through the RO membranes every 2 weeks will help to keep the ROs working at peak performance. Do not ever drain your H2PRO system as it is important to keep the filters hydrated.

Removal and installation of components

Filter location and orientation.

While looking at your cart from the front, the right most filter is the Carbon, the left most filter is the DI. These are both on the back of the system. The RO is in the front on center.

The filters are all held into place with the RHG filter clamps.

To remove a filter that needs to be replaced, simply turn off all water to the unit, remove the stainless steel retaining pin, and pull up on the black filter insert. You will now have access to the inside of the filter housing. Simply pull up on the expired filter and it will come right out.

To install the new filter, put the new filter into the housing the same way the previous one was installed. There is an o-ring on the filter. This o-ring should go at the top end of the housing. Insert the filter from the opposite end first. Be sure to run water through the system without any booster motor/pump assembly powered on to purge all air out of the system before or you risk damaging the filters.

Trouble Shooting

Your system comes with a pressure gauge as well as a digital gallon meter. The digital gallon meter is for your convenience. This allows you to monitor how many gallons a day, job, or filter you get.

The pressure gauge is in place to show you the incoming pressures from the water supply. The H2Pro performs best at 50 PSI or higher coming from the water supply. If your pressure is below 50 PSI you will want to consider a booster pump to increase the pressure coming into the system.

If you are not getting adequate flow at the brush of your waterfed pole, check your pressure gauge to see that your incoming PSI is 50 or higher. If it is, you may have a blockage elsewhere in your set up.

Any alterations to your system will void its warranty.

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