

What Are the Benefits of This Upgrade?



By adding the PurePro HF-8367 RO Booster Pump Upgrade Kit to your system, you no longer need to worry about a lack of pressure on your homes water supply.

Your system will produce almost twice the amount of water in the same amount of time. You will produce less wastewater and a much lower TDS value on your RO production water, which will also dramatically reduce your DI resin replacement costs.

This upgrade kit provides everything you need to upgrade your system with a booster pump, including a high and low-pressure switch to detect when your water reservoir is full and disable the booster pump accordingly.

What Do I Need?

This kit includes everything that you will need to successfully upgrade your system with an RO Booster Pump. **Please Note:** If you are intending to automate the Booster Pump Upgrade Kit such as with a float valve, an additional check valve is required to be installed at the membrane housing on the production water line.

Useful Tools

- RO Tube Cutters or a Utility Knife



Before You Get Started!

You will need to locate an area that you can mount the PurePro HF-8367 RO Booster Pump with bracket assembly. To prevent the effects of vibration created by the pump, it is best to ensure that it is fixed securely to a solid surface.

As the system is an electrical appliance, please ensure it is not exposed to liquid or used outdoors in wet weather.



IMPORTANT: Do not run the booster pump for periods greater than 3 hours. Doing so can cause serious and permanent damage to the pump. Allow a rest period of 1 hour between uses.

Installation Instructions

1. Ideally, the booster pump should be installed between your sediment filter and carbon stage, however, if this is not possible, it can also be installed before the RO system in the feed water line. Installing it between the sediment filter and carbon stage offers some extra protection to your booster pump by ensuring only filtered water passes through it, preventing it from being clogged up in future.
2. The Booster Pump assembly has both a low-pressure switch and high-pressure switch, indicated by the labels "LPS" and "HPS".

If connecting the booster pump to your systems feed in water line, connect the feed in water line to the low-pressure switch marked "LPS", then connect the booster pump's output to the RO/DI systems feed in water line.

If installing the booster pump after the sediment filter, connect the sediment filter's output line to the low-pressure switch, and booster pump's output to the carbon stage.

3. Remove the yellow tubes from the high-pressure switch marked "HPS" and install it into the RO/DI systems production water line. The high-pressure switch should be connected after the DI resin stage of the production water line.



IMPORTANT: In order for the Booster Pump Upgrade Kit to operate automatically, such as with a float valve, a check valve must be installed on the production water line from the RO membrane. This ensures pressure to the high pressure switch is not lost back through the system causing the booster pump to re-engage prematurely.

4. To complete the installation, connect the pump to the supplied AC adaptor.

When Turning the System Back On...

Your system should automatically turn off the booster pump if there is insufficient water pressure detected, or if back pressure is detected from a device such as a float valve, used for automation in conjunction with a check valve. We strongly recommend checking both of these features by turning off the source water connection, and blocking the production water line while the system is running. Both should cause the booster pump to shut off if operating and installed correctly.

Once the pump is running on your system, you will notice a significant increase in water pressure on your system's pressure gauge, typically between 80 psi and 95 psi. Your system will be producing an increased amount of product water and also a lower TDS than before the installation.

Need Help?

We are always here to help! Please get in touch with us...



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