BIGBOI D-IONIZR
INSTRUCTION MANUAL

D-IONIZR 1

FILTERING SYSTEM

Please read the operating instructions carefully before use

INTRODUCTION

The D IONIZR water filtration system has been designed to make washing simple. With the bigboi D IONIZR system it allows you to wash your car without the inconvenience of water spotting during the drying process. Lets breakdown what the unit is doing...

The D-IONIZR 1 has a 2 stage filter set up The first filter is a composite carbon filter which is designed to remove the hardness levels of your water. This also adds an extreme benefit to the D-IONIZR filter as the water flowing through it will be much cleaner, prolonging the life span of your cartridges.

We have seen a 20% increase in the DI cartridge with this set up. The 2nd filter is a de-ionized resin that will filter the water to 0PPM (parts per million).

A built in digital TDS meter reads the incoming and outgoing levels which gives the user all the information they need.

The newly developed bypass valve allows the user to simply choose if they want to use the filter system for the complete wash cycle or just during the final rinse cycle to prolong the cartridges life span. Bigboi has seen benefits of using the system during a complete wash cycle by seeing better foaming in the snow foam and wash process with de-ionized water. This is not necessary but can be adopted if desired.

1 standard de-ionized cartridge will approximately filter 1200 litres on its own. This is based on your water hardness level to be 100TDS or lower. When working in line with our carbon filter it will achieve 20% (1440 litres) more efficiency subject to your water levels.

Based on using the system just during a rinse cycle, the usage will be between **80-96** washes.

Please read this operating manual carefully and follow the instructions given. You should use this manual to familiarize yourself with the D-IONIZER and its correct use and safety precautions, for safety reasons, children and people who are not familiar with the operating instructions are not allowed to use this system.

Please keep this operating manual in a safe place.

IN THE BOX

- 2 stage top assembly with built in bypass & TDS meter
- 2 x guide pins (cartridge location pins)
- O rings
- Tank wrench
- Bigboi sticker for tank

SETTING UP THE D-IONIZR1

The D-IONIZR1 top assembly is pre-set and ready to go.

1) Take the carbon cartridge and remove the plastic wrap.

2) Place the cartridge in the tank with the black flat seal as seen in image 1 .

3) Before screwing the tank on the top assembly, ensure the 2 large o ring's are aligned correctly on the tank and lubricated to prevent the o rings from pinching when fully tightened.

4) If using a high flow pressure washer, we recommend removing the location pin to increase the flow.

5) Guide the tank to line up to the cartridge location pin on the top assembly, tighten the tank clockwise until its hand tight. Look over the top part of the tank where it screws into the top assembly to ensure there is no o ring pinching. If pinching is visible, then the o ring has come out of its cutout location. To fix this, undo the tank, reposition the o ring and apply more lubrication. Repeat the step.

Image 1

If all has been hand tightened successfully, then securely tighten the tank with the supplied wrench.Repeat this step with the DI cartridge.

Your system is now ready to use.

USING YOUR DIGITAL TDS METER

IN: Inlet water tds

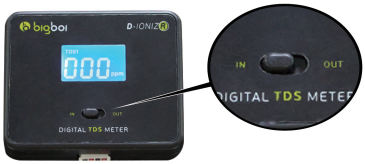
OUT: Outlet water tds

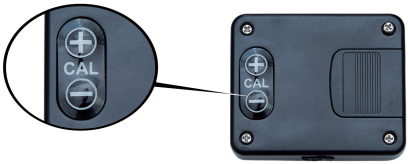
With a built-in digital TDS meter , you will have the ability to read the incoming and outgoing water levels. Place the toggle switch in the IN location (to the left), this will give you a reading of the water hardness level in your location. It will also highlight the level in 0PPM (parts per million). The higher the number, the harder your water level is in your area. This level will be the determining factor on the life span of your cartridge duration.

Moving the TDS meter to the OUT position will give the reading of your water levels coming out of the system. This will be subject to your bypass location. If there is a reading of 000ppm, your system is in its optimal performance.

TDS can be used normally with the battery installed.
However, if you think test data is inaccurate, you can adjust it by yourself, the steps are as follows:

1. Connect the system, turn on the faucet, and keep the water flowing.
2. Use another TDS pen to test the TDS values of the incoming and outgoing water, and record them to prepare for the next step of adjusting the TDS of the system.
3. Turn on the TDS instrument





1) Turn the button to "**IN**" and press "**+**" "**-**" for one second at the same time.

Then the "**PPM**" on the screen starts to flash, which means you can start adjusting the data.
2) By pressing "**+**" or "**-**", adjust the value of the TDS instrument to the same value as the water inlet TDS data we just tested.
3) Then press "**+**" "**-**" at the same time for one second. The "**PPM**" on the screen stops flashing, which means the water inlet port is adjusted.

4. Set the button to "**OUT**", repeat the above adjustment steps, and adjust the water output value to the same value as we just tested.
5. Note that the adjustment must be made while the system is working, that is the water is flowing, otherwise the test will be inaccurate after adjustment.

REPLACING THE BATTERY

If the TDS meter battery is low or needs replacing:

Remove the TDS meter off the top assembly. The TDS meter is held via double sided tape.Gently remove the TDS meter and remove the battery door. Remove the battery and place the battery door back on.

REPLACING FILTER

Replace it every **6-12** months according to the water quality. Put it in the first place.

DI filter is recommended change when TDS is higher than 20 ppm.

USING THE BYPASS SYSTEM

When the arrows are pointed to **FILTER,** this indicates that the water will pass through the filter system where de-ionized water is used.

When the arrows are pointed to **BYPASS**, this indicates that the water will pass through the bypass valve system where standard tap water is used.

When the arrows are pointed to **DO NOT USE** , this indicates that the water will pass through both the bypass valve and filter system. This is not recommended.

IMPORTANT
SAFETY FIRST

Before attempting to use this product please read all of the safety precautions and operating instructions outlined in this manual to reduce the risk of damage to the products and personal injury.

For more information's please visit or contact us on www.ibigboi.com
hello@ibigboi.com

ANOTHER PRODUCT FROM BIGBOI INTERNATIONAL