



WATER DEIONIZER

Thank you for selecting this quality GRIOT's product. Do you live in an area with hard water that is full of minerals? Are you tired of seeing your car-washing efforts end up in water spots because you can't dry it off fast enough? If so, then I have the ultimate solution for you. This **WATER DEIONIZER** de-mineralizes tap water to end those dreaded water spots.



PICTURE A

Deionized water is water that has had its mineral ions removed by a process which uses specially-manufactured ion exchange resins which bind to and filter out hard water minerals from water. Because the majority of water impurities are dissolved, deionization produces highly purified water. Enjoy the best!

DIVERTER VALVE ASSEMBLY

To start you must attach the diverter valve assembly (**PICTURE A**) to the tank manifold. Gently push the diverter valve fittings into the manifold ports. Hand tighten the connector rings evenly by turning them in a clockwise direction until snug. Next attach the inlet and outlet fittings (**PICTURE B**) to the diverter valve assembly. Hand tighten the connector rings by turning them in a clockwise direction until snug (**PICTURE C**).



PICTURE B

HOSE CONNECTIONS

To start you must connect the feeder hose from the inlet port of the **WATER DEIONIZER** to your water tap. The feeder hose uses a standard garden hose thread. Next attach your wash hose to the outlet port of the **WATER DEIONIZER**. Turn the diverter valves to the appropriate position. To wash with filtered water you must set the diverter valves to the Filter Position. If you wish to only use filtered water for your final rinse then you must set the diverter valves to the Bypass Position.



PICTURE C

DIVERTER VALVES

The **WATER DEIONIZER** uses two diverter valves to control the flow of water through the filter.

- Filter Position: (Diagram A, see page 2)
Rotate the inlet diverter valve towards the back of the cylinder to direct the flow into the filter and the outlet diverter valve towards the front of the cylinder to direct the flow out to the wash hose.
- Bypass Position: (Diagram B, see page 2)
Rotate the inlet and outlet diverter valves inward toward one another. This allows the flow to bypass the filter.

EXPECTED USAGE

The life of the ion exchange resin depends on the amount of Total Dissolved Solids (TDS) that are present in your water. Lower TDS allow a longer filter life. See the table below to show the water volume expected from your water quality TDS.



EXPECTED USAGE (CONT'D)

TDS Level - Parts Per Million (ppm)	*Expected Yield - Gallons of Water
50	1410
100	705
200	353
400	176

*Expected Yield based on a flow rate of 4 gallons per minute.

We offer a **TDS METER**, item # 33480 to help you measure the quality of your water and to gauge the filter efficiency. You may also contact your local water district for the TDS estimates in your region.

REPLACEMENT FILTER RESIN

GRIOT'S GARAGE offers **REPLACEMENT FILTER RESIN**, item # 37299. It is recommended to replace the resin when the TDS of the output water is equal to the TDS of your tap water. Start by unscrewing the diverter valve assembly from the top of the filter housing. Remove the feed tube from the housing and pour out the used resin into a trash bag for disposal. Insert the feed tube and fill the filter housing with new replacement resin. Clean any resin beads from the threads before reattaching the diverter valve assembly to the housing. Tighten until snug.

CAUTION

In case of eye contact, rinse immediately with water for at least 5 minutes if filter resin particles enter eyes. There is no chemical irritation hazard. Skin contact is okay; wash with soap and water. Ingestion is not recommended, although it is not harmful if swallowed. Do not inhale. As with all garage equipment, please **KEEP OUT OF THE REACH OF CHILDREN AND PETS**. MSDS available on request.

DISCLAIMER

GRIOT'S GARAGE is not responsible for any misuse of the **WATER DEIONIZER** for any injury or damage incurred to any person or object related to the **WATER DEIONIZER**.

ANSWERS TO YOUR QUESTIONS

Should you want to order another **WATER DEIONIZER** or for a complete selection of quality GRIOT'S GARAGE products, please write or call us toll-free at 800-345-5789. Or visit our website: www.griotsgarage.com. Reorder item number #37201. Reorder **REPLACEMENT FILTER RESIN** using item #37299

Have fun in your garage!®

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