

Installation Instructions of U-820 and U-820II Ionized Microcluster Alkaline Water Purifier System

Legend

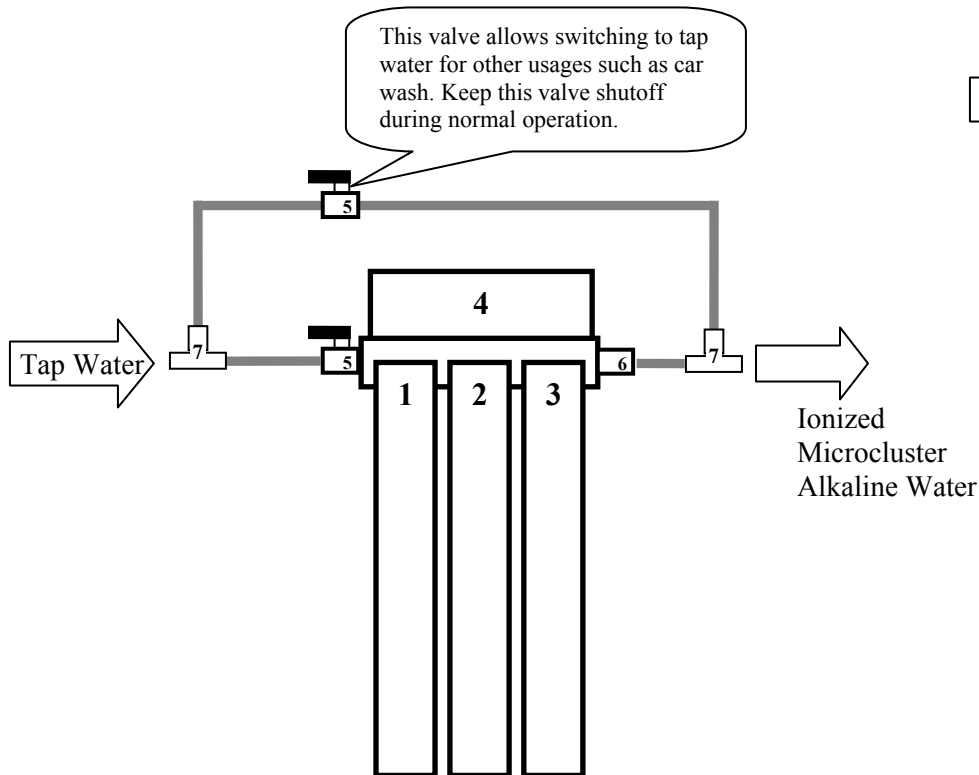
- 1) Microclustered Water Generator
 - 2) Activated Carbon and KDF Filtration
 - 3) Ultrafiltration (0.1 micron)
 - 4) Hanging Board
 - 5) 1/2" MIP Valve
 - 6) 1/2" MIP Adapter
 - 7) Tee
- Inlet: 1/2" FIP, Outlet: 1/2" FIP
 - You may need to use 1/2" to 3/4" adapter to connect U-820 to 3/4" hoses.

*** Important Rinse Procedure before Installation ***

Before installation, it's important to conduct the following rinse procedure. Outside of each house, there should be a 3/4 inch water outlet mounted on the wall for connecting garden hoses. You can use a 1/2" to 3/4" adapter to connect U-820 and the garden hose to conduct the rinse procedure at this spot.

- I. Disconnect the last Ultrafiltration cartridge (3) from Activated Carbon and KDF Filtration cartridge (2).
- II. Connect tap water hose to the inlet, slowly open valve to allow very small amount of tap water going into the cartridges (1) and (2). Once you see black carbon powders are rinsed out, gradually increase the tap water flow into U-820.
- III. Opening the tap water valve too quickly may cause clog inside U-820 or reduce water output. This is due to the big size of the cartridge and because sudden increase of water flow and pressure can compress the dry granule carbon and KDF together forming the clog. Therefore gradual soaking process is necessary before installation. If the clog ever happens, simply shut off tap water, disconnect the tap water hose from the inlet of U-820 to reset the pressure inside, and reconnect it and start gradual soaking process again.
- IV. After the cartridge (2) is completely soaked, fully open the tap water valve to rinse out carbon powders for 10 minutes.
- V. Connect the last Ultrafiltration cartridge (3) back, and rinse it for another 15 minutes. The Ultrafiltration filter is protected in special kind of liquid and the liquid also needs to be well rinsed off.
- VI. Test the pH level of filtered water before installation.
- VII. There are two types of installation below:

U-820 Single Unit Installation



U-820 II Clustering Installation (Two U-820 Units)

