

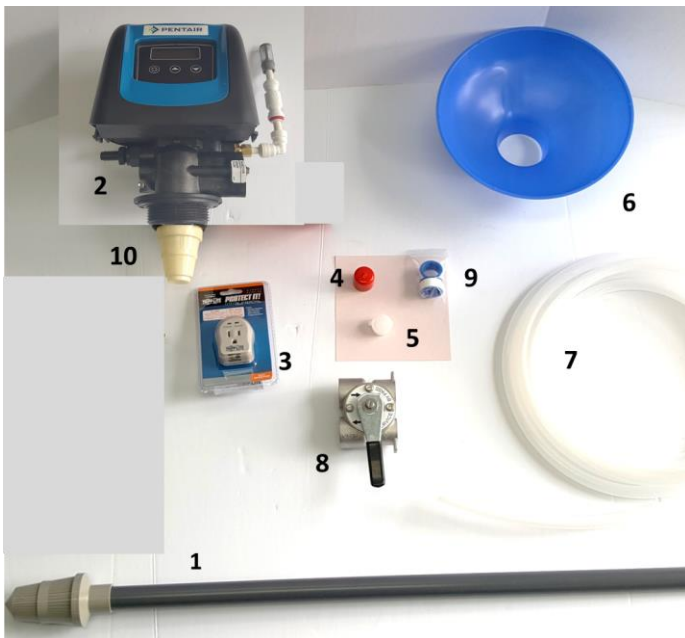


## City Supreme

### Installation, Use, & Care Guide



### Parts & Material Included



1. Media Tank Distributer Tube
2. Control Valve with Air Intake
3. Surge Protector
4. Distributer Tube Cap
5. Silicone
6. Funnel
7. Drain Line
8. Bypass Valve
9. Teflon Tape
10. Upper Basket
11. Gravel & Media Packages (not shown)
12. Media Tank (not shown)

### Tools & Parts Needed

- Adjustable Wrench
- Phillips Screwdriver
- Flat Head Screwdriver

### Installation Requirements

- Properly tighten all fittings to ensure a leak-free assembly.
- The system should be located after the connection to the sprinkler system(s), and/or irrigation line(s). These lines should be left untreated.
- Install in a location that is not susceptible to freezing temperatures as damage to the equipment could occur.
- Do not install where there is exposure from UV lights. Install away from direct sunlight as prolonged exposure to light can weaken plastic components.

# Assembly Instructions

1. Place the Media Tank where you want to install the unit. Place the Media Tank Distributer Tube into the tank with the basket down if not already. Leave the Distributer Tube Cap on and put the Funnel in place (See Figure 1). Pour in the Gravel Package first and then add the Media Packages. Use a hose or bucket to fill the Media Tank up to the top with water. This will give the media time to soak while you complete the assembly instructions. **(The Media should soak for at least 45 minutes)**
2. Remove funnel, wipe the mouth of the Media Tank, and remove the Distributer Tube Cap.
3. Coat the small inlet and outlet O-rings on the Bypass Valve and the large tank O-ring on the Control Valve with Silicone. You do not need to remove these O-rings when applying Silicone (See Figure 2).
4. Push the Bypass onto the Control Valve (See Figure 3).
5. Line up the Control Valve with the Distributer Tube, silicone the end of the Distributer Tube and push it into the Control Valve, through the upper basket. Pull down on the Control Valve until it seats on the distributor tube, then rotate the Control Valve on the Media Tank's threads until tight.
6. Push the drain line onto the Control Valve over the black fittings on the lower left. (See Figure 4)
7. Teflon Tape the Male Adapters and thread onto the Bypass inlet and outlet.



Figure 1



Figure 2



Figure 3



Figure 4

## Connection Instructions

- 1) Turn off the water supply. Turn off the water heater. Turn off the power to well if applicable.
- 2) Release the water pressure by opening a faucet.
- 3) Attach the water source to the inlet adapter and outlet adapter on the Control Valve.
- 4) If applicable, turn the power to the well on.
- 5) Plug in the Control Valve into a wall outlet. Use the Surge Protector.
- 6) Complete instructions on pages 4 of Control Valve Service Manual for '*Setting the time of day*'.

## ACTIVATION INSTRUCTIONS

- 7) Turn the Bypass Valve to SERVICE position.
- 8) Turn the water on part way to allow the water to slowly fill the Media Tank.
- 9) Push the 'REGEN' button and hold for 5 seconds to start regeneration, let the tank fill fully. You will see water in the drain line.
- 10) Turn the water on all the way and continue to backwash until the drain line runs clear. If water is not clear after the first regeneration cycle, then repeat the regeneration again until the water runs clear.
- 11) Turn on the water to the rest of the house and close your faucet. This will pressurize the system. Turn on your water heater.
- 12) Note: To bypass your water filtration system switch your bypass valve to 'bypass'.

## Regeneration

**Your media will need to be regenerated with a special oxide every four months (every 4<sup>th</sup> regen cycle). To order your regeneration package and instructions, please call HydroCare at 888-234-9376.**

### Troubleshooting Guide

- If water leaks at fittings: Tighten slightly more until leak stops.
- If leaks persist: Shut off water at the house water supply shutoff valve, remove threaded fittings, reapply Teflon® Tape in a clockwise direction wrapping 4-5 times and thread back on.
- If you have further questions after thoroughly reading this guide, refer to Addendum A – Quick reference guide for Control Valve, or call HydroCare Service.

Note: Fill out the enclosed Warranty Card and mail. Your serial number is located on the underside of the Control Valve.

The HydroCare Technical Service Department can be reached Monday – Friday, from 9am – 4pm PST at 888-963-6178 or at [service@hydrocareusa.com](mailto:service@hydrocareusa.com).

To reorder, please visit [www.hydrocareusa.com](http://www.hydrocareusa.com) or call 888-234-9376.

Manufacturer's Warranty is 5 years on parts.

**Note:** Your well water may contain gases. The tank system should be installed in a well ventilated area. You can purchase a ventilation fan for an enclosed area to exhaust interior air. It is easily installed and operates automatically 24/7. For more information on how to order please contact HydroCare at 1-888-234-9376.

### Included-

Control Valve Service Manual