



Hydro One

INSTALLATION GUIDE

FOR

Eco-Fil Water Filter

Hydro One Resources Sdn. Bhd.

Tel: +603-60920120 Fax: +603-60920305

Email: enquiry@hydro1.com.my

www.hydro1.com.my

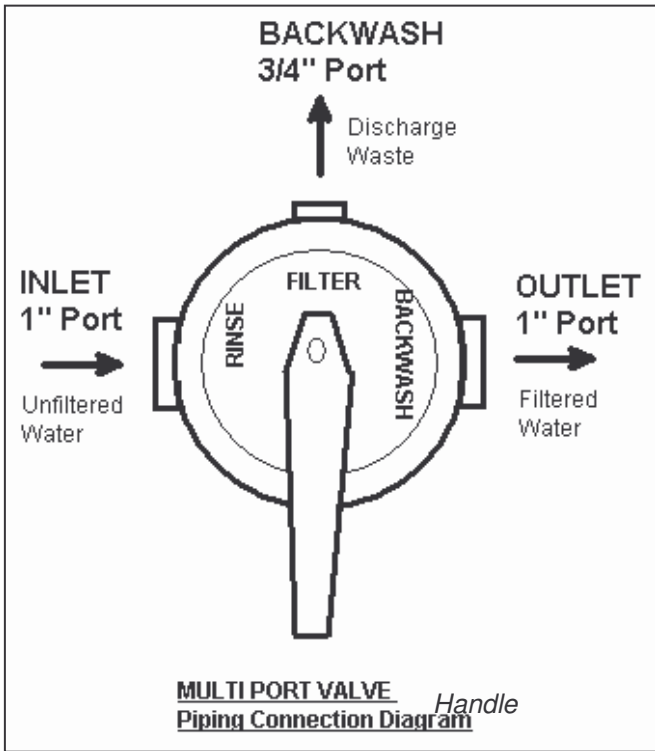
INSTALLATION GUIDE

Installation Procedure

1. Place the filter at a flat and most suitable area near to the main water meter. Place a concrete slab underneath the filter to be its foundation for installation at uneven area.
2. To fill up the filter with media, un-tighten the Multi Port Valve with anti-clockwise direction and disconnect from the tank.
3. Cover the riser pipe within the tank with a piece of plastic to avoid any media going into it.
4. While start pouring the media into the tank, position the riser pipe firmly to be center of the tank when view from top. When riser pipe is firm in the center, then continue to pour the remaining volume of media into the tank until approximately 70% of the tank level.
5. Connect ball valve each at the inlet pipe, the outlet pipe and the other serve as by-pass. (refer to picture of installation for standard piping).
6. There are 3 ports at the Multi Port Valve, refer diagram for piping connection details.
7. Once the filter is properly installed, to start commissioning, turn the valve handle to position 'Backwash'.
8. Open the inlet ball valve to fill up with water and wash the filter media, thoroughly, for about 30-45 minutes. Outlet & By-pass ball valve remains closed.
9. Monitor condition of discharged water at the waste pipe (backwash pipe to drain) until it runs clear.
10. Then, switch to position 'Rinse' for 15 minutes to move the media bed ensuring the filter media is clean.
11. Repeat step 7 to 10 to ensure the media is thoroughly clean from media's powder.
12. Duration of Backwash & Rinsing process is subjected to site condition and result of monitoring.
13. Switch the handle to position 'Filter'.
14. After commissioning, turn on the outlet valve and the filter is ready to operate.
15. Make sure By-Pass Ball Valve remain closed.

CAUTION:

By-Pass Ball Valve shall be open and Inlet & Outlet Ball Valves are closed to isolate the filter unit for maintenance purpose. Otherwise, By-Pass Ball Valve should always remain closed to avoid interruption of filtered & unfiltered water.



Installation & Piping Connection
Diagram for Hydro One Eco-Fil

