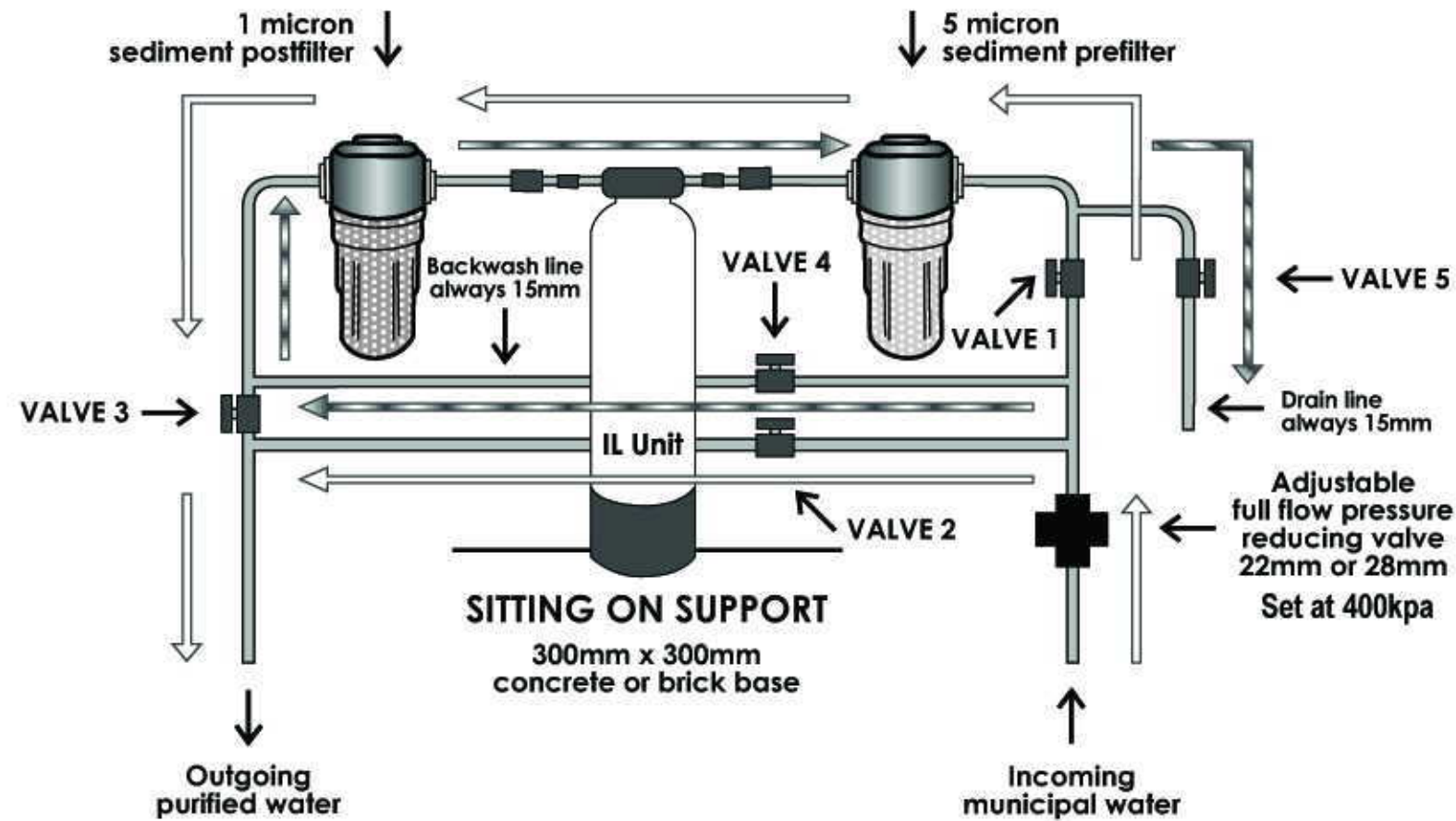


Installation

Instructions and Recommendations

1. Prepare a solid foundation using concrete or brick base or a 300 x 300 paving slab.
2. Install a by-pass as per diagram.
3. Ensure that the units are installed as per direction indicated.



IL 6 = 22mm pipes IL 7 = 22mm pipes IL 9 = 22mm or 28mm pipes

→ Depicts direction of flow
 ⇝ Depicts backwash flow

IL Assembly Instructions

1. Stand tank upright and unscrew white cap.
2. Shake tank to level carbon bed.
3. Place the divider felt pad over the riser tube. (fuzzy side of felt should face up) Push into place evenly around center and edges. (Use section of pipe supplied)
4. Pour KDF® into tank and level the bed.
5. Remove the orange cap on the riser tube.
6. Screw the head onto the tank until the O-ring touches the rim of the tank. Tighten the head an additional 1/8 to 1/4 turn.
7. Attach pre and post filter housings

NOTE: Do not over tighten and do not try to unscrew the head once in place.

Before connecting the IL purifier it is necessary to flush all new lines especially on the incoming side.

Flow restrictor is required if the incoming flow rate is much higher than recommended flow for each unit.

A non return valve is required if back pressure is experienced after the unit - For example, when the unit is in the basement of a multi-story building.

Initial flushing of the Unit

1. Shut valves 2, 3, 4 and 5
2. Release the pressure by pressing the red button on the post filter.
3. Remove the post-filter and housing, leaving the post-filter housing open. (Place a large container under the open housing to catch the water.)
4. Slowly open Valve1 until the water runs freely through the open housing and is clear of carbon fines. Black fines must not enter the housing.
5. Allow water to flow for about 5 minutes then close Valve1.
6. Allow to stand for 5 minutes then flush again for 1-2 minutes.
7. Close Valve1 and insert the post-filter cartridge into the housing and close the housing.
8. Inspect the pre-filter cartridge and replace if necessary.
9. Open as many taps as possible inside the house to clear the air from the system.
10. Open Valve1 and 3 to allow the purified water to flow into the house.

Note: It will take up to 2 days for purified water to flow through the whole house unit.

Backwashing the System

1. In order to activate the by-pass option, shut down the system by closing valves 1, 3 and 4 and open valve 2.
2. Release the pressure by pressing the red buttons on the pre and post-filters or opening valve 5.
3. Unscrew the pre and post filter housing and remove the old filters. Replace the post-filter cartridge with a 5 micron filter.
4. Replace the pre and post filter housings and open valve 4 and 5 only a few turns to allow a gentle flow. If the flow is too rapid it will mix the media bed, damaging its efficiency.
5. Back flush with chlorinated water for about 5 minutes or until the water is clear.
6. Close valve 4 and 5 and follow the steps above for flushing the system.
7. Open the pre and post-filters and replace the cartridges with a new 5 micron pre-filter and a new 1 micron post-filter.
8. Open as many taps as possible in the house to clear the air from the system.
9. Open valves 1 and 3 to allow the purified water to flow through the whole house.

We recommend that backwashing the unit be done at least once every 3 months . Please advise your consultant if you want H₂O international to perform this service.

Replacing Unit

1. Shut off water.
2. Remove unit by unscrewing the unions on both sides.
3. Install a new unit as per above instructions.

Always ensure:

- **The unit is installed with unions**
- **The post-filter is attached before flushing**

Common Errors:

1. Installed without unions.
2. Installed backwards.
3. Unit is flushed too quickly, flow too rapid or sudden.
4. Unit installed in the ceiling, ideally it should be outside in the garage or anywhere where it is easy to maintain.
5. Installers have not read the instructions before installing the unit. Water quality is not up to municipal standards.