

Operational Parameters

	Maximum	Minimum
Operating Temperatures	45 degrees C	4 degrees C
Operating Pressure	85 PSI (600 kpa)	20 PSI (140 kpa)
PH Parameters	8.5	6.0
Flow rate	4 litres per minute	N/A

Installation Instructions for Licenced Plumber

Step 1: Mounting System Under Sink.

- i. Locate a space under the sink that allows the unit to be mounted close to the cold water supply and allows for easy access when changing filters. Allow 3 cm clearance between the bottom of the filter housing and the shelf of the sink cabinet for filter changes.
- ii. Using the mounting holes on the bracket, mark the location for the mounting screws (not supplied) on a wall under the sink. The filter system does not have to be installed in a vertical position.
- iii. Screw the screws into the wall at the marked positions.
- iv. The Undersink system bracket has key-hole mounting slots, as long as the screws are not threaded all the way in, it is not necessary to undo the screws but simply slip the bracket off it's screws.

Step 2: Installation of Faucet (Tap)

- i. Determine desired location for the faucet on your sink surface.
- ii. Place a piece of masking tape or duct tape on location where the hole is to be drilled. Mark the centre of the hole on the tape.
- iii. Using a variable speed drill on the slowest speed, drill a 1/8" (3 mm) pilot hole at the centre of the desired location. Use lubricating oil or liquid soap to keep the drill bit cool while drilling.
- iv. Enlarge the hole to 1/4" (6 mm). Keep the drill speed on the slowest speed and use lubricating oil or liquid soap to keep the drill bit cool.
- v. Enlarge the hole to 7/16th to 1/2" (11 to 13 mm) Keep the drill speed on the slowest speed and use lubricating oil or liquid soap to keep the drill bit cool.
- vi. Pass the Escutcheon plate (chrome washer) and large black washer over the threaded mounting tube at the base of the faucet.
- vii. From top of sink, slide the threaded mounting tube through the hole drilled in the sink. Align the faucet body.
- viii. From under the sink, slide the smaller rubber washer on the threaded part of the faucet first, then the plastic washer, locking washer and then the thin threaded nut, Tighten with a spanner.
- ix. Holding the tube from the filter system, place the brass cup nut on first, then the nylon olive and then insert the nylon thimble into the end of the tube as far as it will go. Insert the tube into the base of the threaded part of the faucet, push it in firmly (about 1/4") and slide nut up to thread and tighten firmly, do not over tighten.

Step 3: Mains Connection

Compression Tee connects on Cold Line only. From Tee connect in the following order: Tee - Brass Tube Bush - 1/4" Male/JG Connector - Tubing – PLV (check flow arrow) - Tubing - Inlet of water filter unit (lower left side of unit) Tubing from Outlet of Alkaliser - connect to Faucet Tap. Position RED locking clips on all John Guest Fittings.

Step 4: Start Up

It is important to purge the water pipe after installation of the mains connection system before running water through the filter system, fine sediment material attached to water pipes will loosen during mains connection systems, if this material is allowed to run into the filter system, short cartridge life will be experienced for the first set.

- i. With the filters system isolation ball valve closed, turn water supply back on and check for leaks, repair as required.
- ii. Run the main tap for 1 minute as fast as it will run to purge off sediment in pipes.
- iii. Open the faucet and turn on filter system supply ball valve, the system will start to fill, it is important to have the faucet on to expel air from the system.
- iv. Run the filter for 5 minutes checking for leaks, repair if necessary.
- v. The system will expel some air and Co2 for a few days after installation, this is normal for carbon based filter systems and is harmless.

Changing Filters

We recommend changing the filters every 12 months depending on use and filter types.

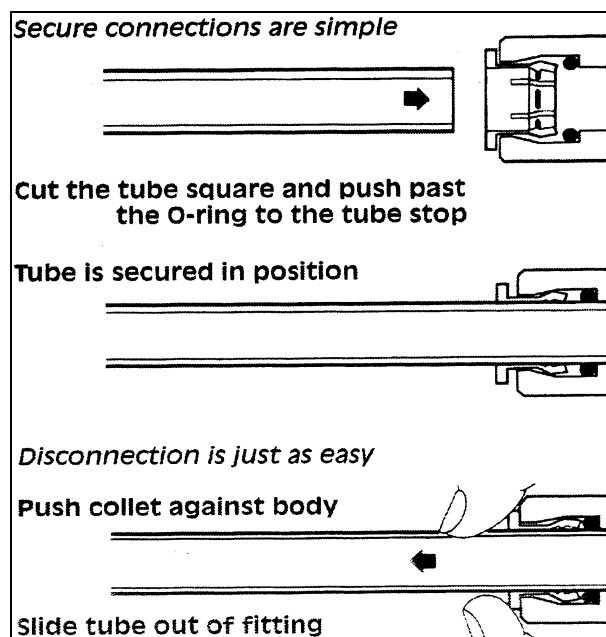
- i. Turn off incoming feed water supply to the unit. Note: There will be water in the filter unit housings. Operate the faucet to relieve the water pressure in the filter unit.
- ii. Remove the filter housings from the heads by turning to the left and remove and discard the spent cartridges.
- iii. Clean inside the housing and head using warm soapy water and rinse to remove soap.
- iv. Install the new filters into their housings and thread onto their heads turning to the right.
- v. Undo Jaco connection nuts at each end and slide nut and fittings off old Alkaliser. (Older models may have John Guest connections. (Refer to fittings and tubings in this instruction manual) Unclip old Blue Alkaliser and discard.
- vi. Clip New Alkaliser into brackets and connect Jaco fittings to either end of Alkaliser. Tighten firmly with a small spanner.
- vii. Refer to START UP procedure after installing new filters.

Fittings and Tubing

Hose Quick Fit Connect fittings are used throughout the system. To ensure an optimal seal, tubing should be cut with the end square. An angled cut or distortion of the tubing may not provide an efficient seal and could cause leaks.

To install, push tubing into Quick Fit Connector until it bottoms out (approx 5mm). Pull tube back 2 mm and the collet will slide out with the tube, then push firmly a second time until tube stops.

NOTE: To disconnect, push collet against body of Quick Fit Connector, then slide tube out of fitting.



Warranty

Healthy Water Technologies Australia (HWTa) warrant any HWTa system **Parts Only** purchase to the original purchaser for 24 months

1. (Healthy Water Technologies Australia) ("The Warrantor") makes no claims or offers no warranties other than those detailed herein. The benefits of this warranty are in addition to all other rights and remedies covering the product line under the Trade Practices Act (Cth) 1974.
2. This warranty is available only to original purchasers of new packaged water purifier. It does not extend to the resale of second-hand or demonstration models, or to alternative brand or unbranded goods, or to any replacement parts, cartridges, or components, manufactured by and/or sold by Healthy Water Technologies Australia
3. This **Parts Only** warranty applies for a period of 24 months (Premium models) from the date of purchase of our product, from an authorised dealer, against defect in material or workmanship.
4. The following damages and defects are excluded from this warranty to the extent that they are the result of acts of the purchaser, or persons other than the warrantor.· Repairs or modifications attempted by personnel not authorised by the warrantor.· Damage or impaired performance resulting from misuse, abuse, breakage, neglect of servicing at the appropriate times (yearly) or accident.
5. This warranty does not cover: Disposable in-line filters or any cartridges or membranes; Loss, expense or damage caused by use on water supplies in excess of 35 degrees C; Loss, expense or damage caused by freezing; Loss, expense or damage caused by failure to use a suitable pressure limiting/anti-hammer device; External components to the main filter system, such as - pressure limiting devices, transformers, ball valves, mains connection systems, these are manufacturer warranty. Does not include Labour for one of our Plumbing technicians to make repairs to a Water Filter System. Parts only.