

600GPD-F RO FILTRATION SYSTEM

This 600GPD filtration system is very efficient at reducing water hardness and is simple to install and maintain.

It is the installer's responsibility to ensure that this appliance is plumbed in accordance with local authority's bye-law regulations.

INSTALLATION INSTRUCTIONS

Unscrew the three vertical filter bowls and remove the wrapping from the cartridges and reassemble. A filter spanner is included in the kit for loosening the filter bowls. Do not over tighten the filter bowls when re-assembling.



FIG. 1

The white nylon hosetail elbow (optional kit- part no. KIT01602) allows you to connect standard 1/2" (12mm) hose to the INLET of the third vertical filter housing. Remove the existing elbow and simply screw this fitting into the filter. Connect the water supply hose to this fitting and tighten it on with a jubilee clamp. Connect the inlet hose to the mains water supply. (See Fig 1)

Alternatively a Hozelock type connection kit can be purchased to simplify the hose connection. (Part no. KIT 01600 Brass fittings kit or KIT01601 Nylon fittings kit).

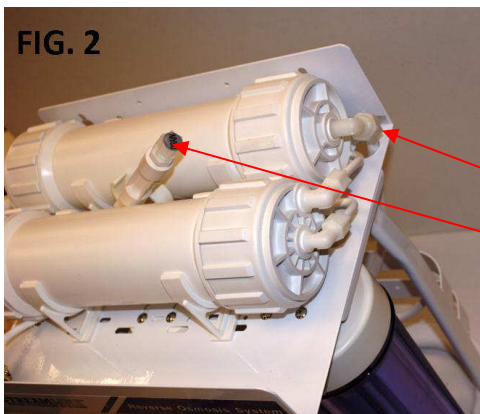


FIG. 2

Cut and connect a suitable length of 1/4" tube to the waste water connection which is marked DRAIN. (See Fig.2) This tube is the waste water tube and must discharge into the nearest suitable drain. Cut and connect a length of 3/8" tube from from the shut-off valve to the main pure water collection tank (See Fig 3).

Temporarily remove the tube on inlet connection of the RO filter housing(See Fig 2), and turn the water supply on, allowing the water to flush through the first three vertical filters for 2-3 minutes, until all visible impurities have disappeared. Turn the water supply off.



FIG. 3

Identify the small RO plug which is packaged in each RO membrane bag. **VERY IMPORTANT** - Insert this plug into the notched side of the centre white tube of each membrane. (See Fig 4) Remove the cap on the left hand side of the front RO housing and insert the blue RO membrane with the large black rubber seal towards the open end of the housing (Fig 5). Screw the end cap of the membrane housing in place and refit the inlet tube. Remove the cap of the second rear RO housing and repeat the process.

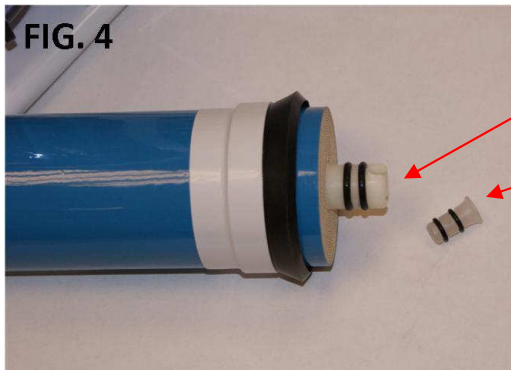


FIG. 4

Turn the water supply on, and test the system for leaks. (Allow the system to run for approx. 15 – 20 minutes for the TDS reading of the pure water to drop to a realistic figure.)



FIG. 5

Rear RO

Front RO



MAINTENANCE

Replace the three vertical pre filters every 3 months, or sooner in very hard water areas (300PPM +).

OPTIONAL EXTRAS

- Pre RO Softening Filter, for use in hard water areas to bring TDS readings down and enhance RO membrane life. (Part No. FH1K plus fittings)
- Male Hozelock type fittings kits. (Part No. KIT01600 brass fittings kit or KIT01601 nylon fittings kit)
- Post RO resin filter to produce 000ppm from the 600GPD system. (Part No. FH1D plus fittings)

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STREAMLINE WARRANTY

The warranty on Machines and Equipment is for 1 year from RECORDED DATE OF PURCHASE.

THIS WARRANTY EXCLUDES NORMAL MAINTENANCE ITEMS, including but not limited to HOSES, FILTERS, O-RINGS, DIAPHRAGMS, VALVES, GASKETS, CARBON BRUSHES and damage to motors and other components as a result of failure to replace normal maintenance items. THIS LIST IS NOT EXHAUSTIVE.

If VARITECH receives notice of such defects during the warranty period, VARITECH will either, at its opinion, repair or replace components which prove to be defective.

Replacement parts will only be supplied under warranty, upon the inspection and approval of the defective parts by VARITECH.

Should it be necessary to supply replacement parts before the opportunity to inspect, these will be charged at current prices and credit will only be issued upon subsequent inspection and warranty approval by VARITECH.

The customer is responsible for the cost of return of the defective part. If warranty is approved, VARITECH will pay for the cost of the repaired or replacement part.

REPLACEMENT PARTS SUPPLIED UNDER WARRANTY WILL BE GUARANTEED FOR THE REMAINDER OF THE ORIGINAL PARTS WARRANTY AND NOT FROM THE INSTALLATION DATE.

This warranty excludes the following conditions and circumstances which are at the discretion of VARITECH:-

WEAR AND TEAR, MISUSE, ABUSE, IMPROPER MAINTENANCE, FROST DAMAGE, THE USE OF CHEMICALS OTHER THAN THOSE SUPPLIED OR APPROVED BY VARITECH, IMPROPER INSTALLATION OR REPAIR, UNAUTHORISED MODIFICATION, INCIDENTAL OR CONSEQUENTIAL COSTS, LOSS OR DAMAGE, SERVICE, LABOUR OR THIRD PARTY CHARGES, THE COST OF RETURNING DEFECTIVE PARTS TO VARITECH.

This warranty constitutes the exclusive remedy of any purchaser of a STREAMLINE unit and is in lieu of all other warranties, express or implied, including without limitation any implied warranty of merchantability or fitness for use, to the fullest extent permitted by law. In no event shall any implied warranty of merchantability or fitness for use exceed the term of the applicable warranty stated above and VARITECH shall have no other obligation or liability.

These rights cannot be transferred to a third party.

NOVEMBER 2005