

Under Bench – Ultrafiltration

With Designer Tap

APPLICATIONS

Residential, lifestyle, commercial and food service.

GENERAL INFO

The HRV Ultrafiltration system utilises Ultrafiltration Membrane technology – a technology usually only used in large scale community-based projects. Now you can have this same technology in your home, school or business.

Enjoy peace of mind that your water has been filtered for remarkable purity. The system filters down to 0.04 microns to provide physical reduction of bacteria (E. coli), and physical reduction of cysts (cryptosporidium).

Reduce chemical contamination in your water by reducing levels of chlorine, pesticides, alkenes, chlorophenols, aromatic hydrocarbons and trihalomethanes.

So much for the science... what you'll notice every day is the taste. Families with great-tasting water drink more of it. And who wouldn't want cleaner, purer water their guests will enjoy drinking?

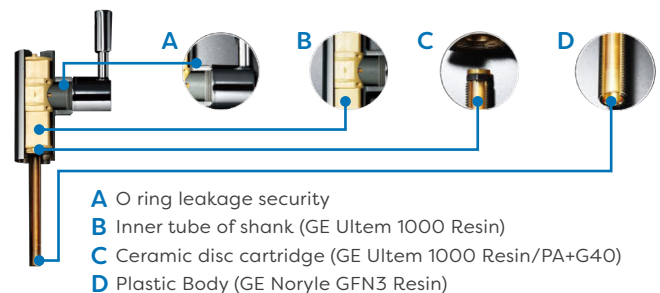
FEATURES | BENEFITS

- ◆ This eco-friendly system requires no power or chemicals to purify the water (unlike a UV steriliser which requires power at all times to disinfect the water).
- ◆ The system however uses a controller and timer to regularly clean itself by backflushing suspended solids from the membrane with only a yearly service required.
- ◆ The advantage of ultrafiltration is that it is based on high cross flow membrane technology, allowing the filtration surface to be cleaned at regular intervals. This ensures that the membrane elements have long lives and the cost of operation is minimal.
- ◆ The system gives you the flexibility to install an ion exchange option if you need to remove extra hard minerals, iron and manganese. (Bore water option)
- ◆ Can also be used with Mains Water with different configuration.



WATFILT UBUFA-T

LEAD FREE DRINKING TAPS INNOVATIVE AND PATENTED DESIGN



- ◆ Contains no toxic substances in sections that have contact with water
- ◆ Uses certified plastic material, GE ULTEM-ceramic and shank, Noryl body
- ◆ Automated production to increase the accuracy of quality control
- ◆ All products have a smooth 360 swivel
- ◆ Mounting hardware is included
- ◆ Unique internal construction reduces rust and build up of substances

* Subject to water analysis and may require pre-treatment.

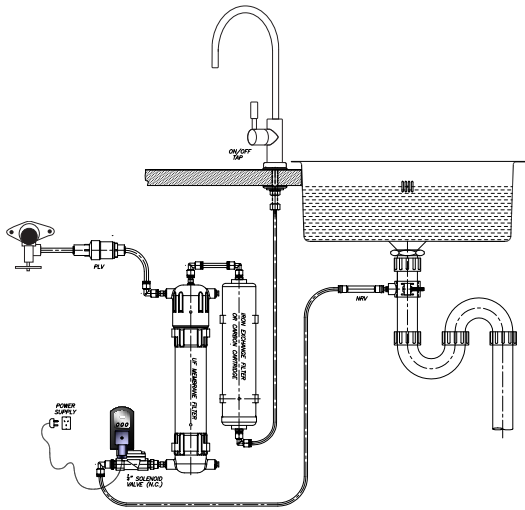
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hrv.co.nz/water

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**Whole Home
Water Filtration**

TYPICAL UNDER BENCH MOUNT LAYOUT (RAIN WATER)



Controller Voltage Options
12 - 230 Volts

Technical drawing of a mechanical assembly with dimensions in brackets and tolerances:

- Top horizontal dimension: [5.748] 146
- Left vertical dimension: [0.472] $\phi 12$
- Right vertical dimension: [1.328] 284.70
- Internal vertical dimension: [6.878] 174.70
- Internal horizontal dimension: [0.236] $\phi 6$
- Internal horizontal dimension: [1.024] $\phi 26$
- Internal horizontal dimension: [1.063] $\phi 27$
- Internal horizontal dimension: [0.157] $\phi 4$
- Internal horizontal dimension: [1.378] $\phi 30$
- Internal horizontal dimension: [4.138] 100
- Internal horizontal dimension: [1.732] $\phi 44$
- Internal horizontal dimension: [0.425] $\phi 10.86$
- Internal horizontal dimension: [1.025] $\phi 10.86$
- Internal horizontal dimension: [1.378] 783.0
- Internal horizontal dimension: 71/16-24 UNF

Bacteria reduction	Including E.Coli
Cyst reduction	Including cryptosporidium
Turbidity	0.1 NTU ex unit
Chlorine	Reduces
Pesticides	Dieldrin, Heptachlor, Lindane, Atrazine, Hexazinone Chlordane, DDT, DDD, DDE, Delta-BHC
Alkanes and Alkenes	Carbon Tetrachloride, Tetrachloroethene, 1, 1-Dichloroethene, cis-1, 2-Dichloroethene
Chlorophenols	2-chlorophenol, 2, 4-dechlorophenol
Aromatic Hydrocarbons	Benzene, Chlorobenzene, Ethylbenzene, Styrene, Toluene, Xylene (o, m & p)
Trihalomethanes	Chloroform



Whole Home Water Filtration