

PRODUCT INFORMATION

FRO-4

PROSEP
FILTER SYSTEMS

The ultimate in undersink filtration systems.

Reverse Osmosis is a membrane technology which remove ions and molecules from solutions (in this case water). It does this by applying pressure (mains water pressure) to the membrane and forcing pure water through the membrane and retaining a higher concentration of ions and molecules on the waste side of the membrane. The pure water is stored in a tank, the high salts concentrated water passes to waste (drain).

Our four stage reverse osmosis unit comprises the following stages:-

Stage 1

A pure polypropylene filter rated at 5 microns. This is a fine sediment filter that removes rust, scale and other particulates from the water supply.

Stage 2

A high performance activated carbon filter designed to remove both organic material which will clog the membrane, and chlorine, which will destroy the membrane. This fine grade carbon also provides additional second stage filtration to 5 microns.

Stage 3

The reverse osmosis membrane. This is a TFC (Thin film Composite) membrane media. These are ideal for domestic units as they have higher flow capacities at lower pressures than cellulose membranes. This membrane typically will remove between 98-99% of all dissolved salts in solution. This high purity water then passes to a food grade water storage tank and is stored at mains water pressure. The waste water produced goes to drain.

Stage 4

As water is demanded it passes from the tank through a small in line carbon filter. The purpose of this filter is to sweeten the taste of the water.

Removes

- taste & odour
- Metallic ions
- Dissolved salts

KIT PART NO:

GSKITFRO4JG

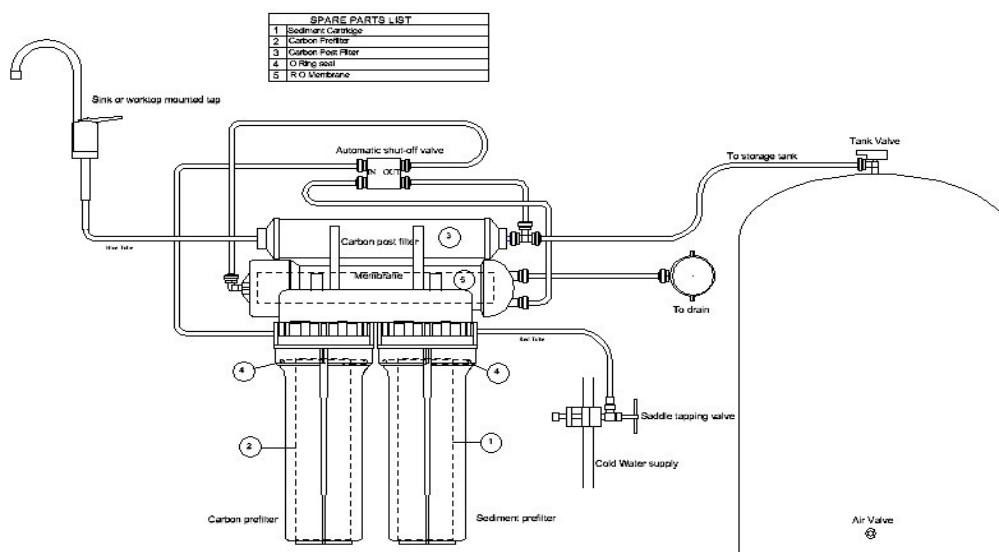
SPARES

Stages 1, 2 & 4 kit
PRODOM0125

Stage 3 membrane
GSMEMLC75F

Recommended cartridge
changeout -
6 monthly

Membrane requires to
be changed only as
required



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for all your filter requirements