

# Raindance

## Reverse Osmosis

### Stage 1 - Prefiltration

The purifying process begins with a sediment reduction cartridge that traps dirt, rust, mud, hairs and other particles that can affect the taste and appearance of water. This stage also protects the RO membrane from fouling and abrasion.

### Stage 2 - Membrane Process

This is the primary component of "Raindance" RO purifiers and features the latest technology membrane that can separate up to 98% of dissolved metals and salts from ordinary tap water. Raindance RO membranes are capable of rejecting ionic contaminants down to five angstroms in size. One angstrom is one ten millionth the size of a millimetre.

### Stage 3 - Contaminant Rejection System

Another unique feature of RO membranes is that they are mostly self cleaning. Your Raindance purifier has been designed and constructed by skilled specialists and the RO process will reject and flush down the drain the contaminants that would otherwise enter your body.

### Stage 4 - Reduction of Volatile Organic Contaminants

While the RO process will reject incredibly small contaminants, it must at the same time be sufficiently permeable to allow hydrogen and oxygen to pass through. As a result, some gaseous and low molecular weight chemicals and cancer causing compounds such as chloroform pass through the membrane. These potentially dangerous contaminants are effectively reduced by the Raindance bacteriostatic chemical reduction and water polishing final filter carbon cartridge.

### Stage 5 - Optional Ultra Violet Steriliser



Quality Guarantee



Service Monitor tells you when the cartridges need to be changed



Stylish Chrome Faucet



Sediment & Odour Control Cartridges

#### Sediment Cartridges

Washable plastic  
Throw away

#### Shower Filters

#### Carbon Cartridges

5 Micron Carbon Composite  
1 Micron Carbon Composite  
1 Micron Carbon Block  
Sub Micron Extruded Block



Triple Units available for heavy duty sediment areas

#### Raindance RO Installation

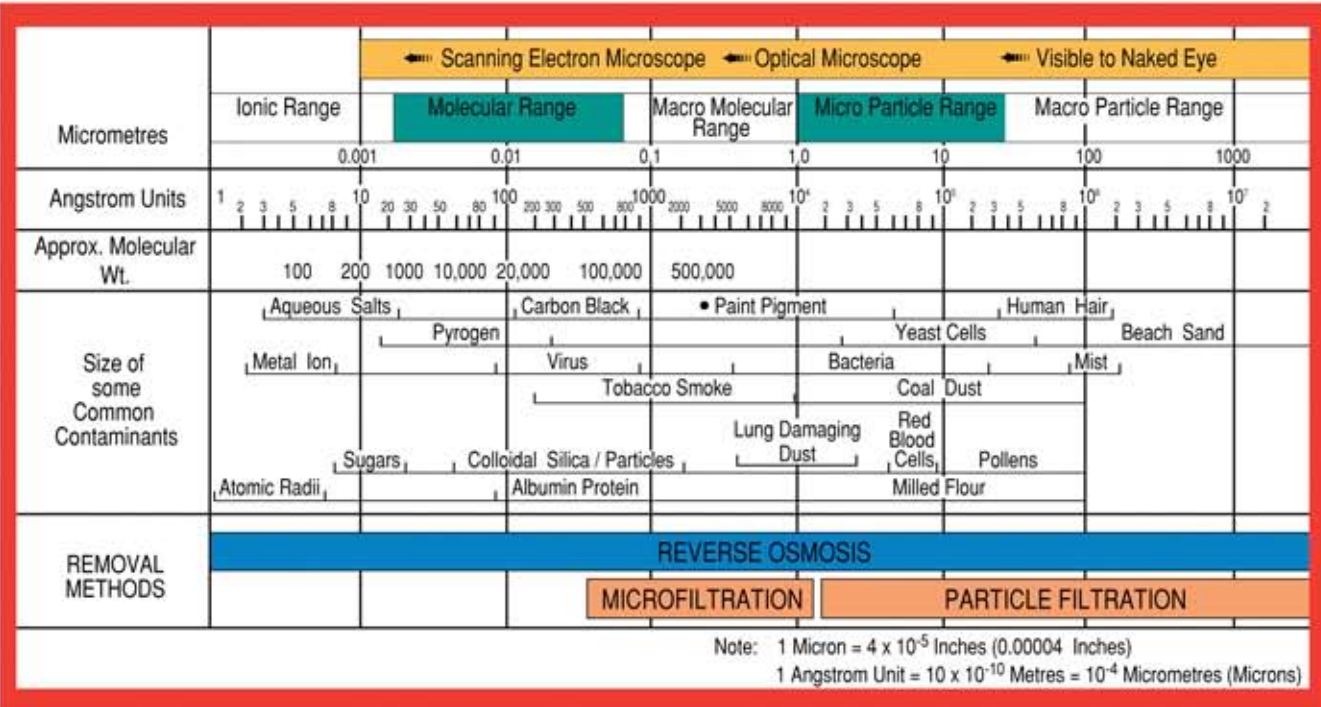
Neatly fits under your sink and is easily connected to any existing 3/4" tap using the adaptor kit.



Clean Water Better Living



Clean Water Better Living

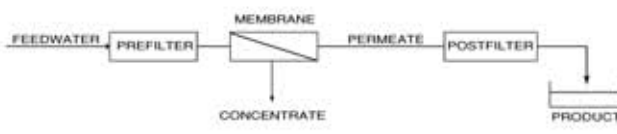


Above: Reverse Osmosis filtered water is the purest form of **On Tap** water available for domestic and commercial applications. This chart outlines the filtration characteristics of the Raindance Reverse Osmosis unit.  
 Below: Membrane performance chart and flow diagram for the Reverse Osmosis installation in wall mount and undersink applications.

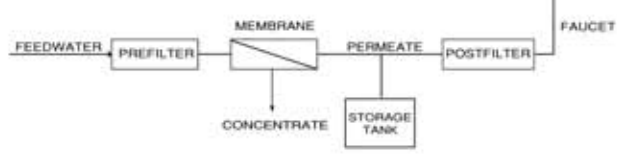
### Examples of Membrane Performance

Contaminant	% Rejection	Contaminant	% Rejection
Aluminium	up to 98%	Ammonium	up to 97%
Arsenic	up to 97%	Barium	up to 96%
Bicarbonate	up to 99%	Bromide	up to 99%
Cadmium	up to 97%	Calcium	up to 97%
Chloride	up to 99%	Chromium	up to 96%
Copper	up to 97%	Cyanide	up to 97%
Fluoride	up to 98%	Iron	up to 99%
Lead	up to 97%	Sodium	up to 99%
Magnesium	up to 99%	Mercury	up to 96%
Nickel	up to 97%	Nitrate	up to 95%
Potassium	up to 99%	Selenium	up to 95%
Silica	up to 95%	Silver	up to 95%
Sulphate	up to 99%	Zinc	up to 97%

### WALL MOUNT OR PORTABLE PROCESS



### UNDERSINK PROCESS



### Dimensions

Reverse Osmosis  
 Height 380mm  
 Width 370mm  
 Depth 150mm

- Measurements are nominal  
 Outline drawings available
- Booster pump available for low pressure areas
  - Portable wall mount units are available
  - Triple Units available for heavy duty sediment areas



Technical assistance and product support  
**1800 353 687**

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Raindance Water Purification  
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Counter Top with Moulded Plastic Spout.



Twin Undersink Unit



The Shower Filter.



Tank available in 3 sizes. Upright shown.

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