



Alpine water filtration

aquafresh

**reverse osmosis
water purification**

the best investment you'll ever
make in the health and well being
of your family

Forget the plasma TV, the X-Box and the iPod. If there was any household expenditure that was truly a great investment in the happiness and well-being of your family it would have to be the purchase and installation of a Reverse Osmosis water purification system.

Hidden away under the kitchen sink, or mounted neatly on the wall, the Reverse Osmosis unit silently and efficiently goes to work purifying your family's drinking water and providing the cleanest, best tasting water you've ever experienced.

Reduce or remove the risk with Reverse Osmosis!

Reverse Osmosis purified water is perfect for every situation that relies on the supply of ultra clean, safe water. In the home, the office, the factory... in fact, any beverage maker or outlet that needs the supply of clean, fresh tasting water needs Reverse Osmosis.

You'll be amazed at the flavour difference it makes to drinking water, ice cubes, coffee, tea and juices, soups and sauces, baby formula. The flavour of all foods cooked in Reverse Osmosis water is greatly enhanced and is ideal for the special requirements of weight loss and low sodium diets.

Many others in your extended family and household will get the benefits! Fish in the aquarium, pets, pot plants, cut flowers and... no more gunk and longer life for steam irons and humidifiers.



Common concerns about drinking water

CHLORINE

A powerful chemical added by municipal councils to kill bacteria – OK to swim in for a short time perhaps but not nice to drink.

METALS & SALTS

Tap water can contain heavy metals and salts including lead, aluminium, mercury, nitrates, fluoride and lime etc - the ultimate poisonous cocktail.

CYSTS, VIRUSES & BACTERIA

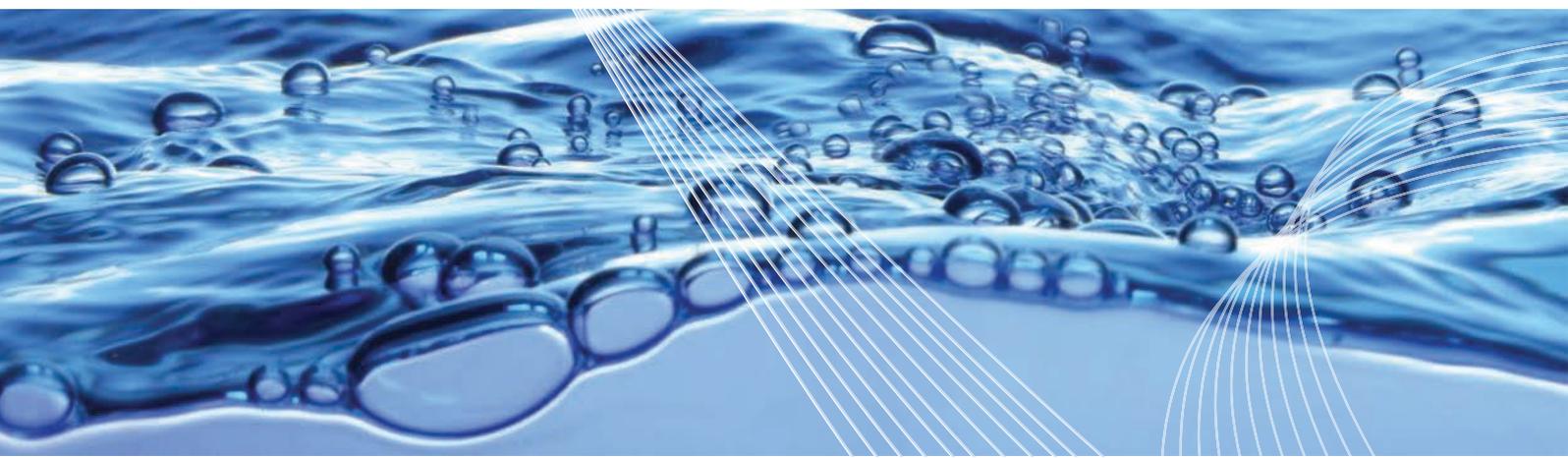
The most infamous being Cryptosporidium and Giardia – the cause of widespread illness in modern society even where 'clean' water is on tap.

TURBIDITY

This is the dirt, mud, rust, scale and dissolved organic matter that colours your water.

TASTES & ODOURS

The contaminants vary but





Filter change LED light

System includes:

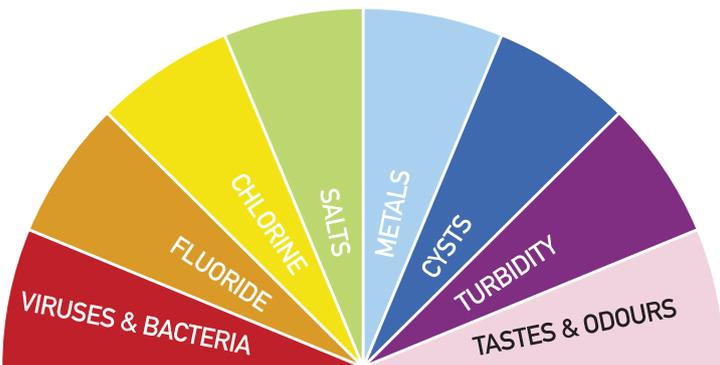
- ▶ Filter heads and bracket
- ▶ Compact filter cartridges
- ▶ Plumbing fittings and tubing
- ▶ Shut off valve
- ▶ Inlet and outlet tubing
- ▶ Stylish chrome monitored faucet
- ▶ Mounting screws
- ▶ Accumulator tank

But what is Reverse Osmosis?

Reverse Osmosis is the opposite of the natural process by which moisture is taken up by living cells. Root cells of plants, for example, have special cell walls that allow water to pass through them. In reverse osmosis, water is forced against a synthetic membrane using normal city water pressure. Only molecules of water easily diffuse through this unique membrane material and are collected as pure water on the other side. Impurities are left behind and are rinsed away to a waste drain.

Reverse Osmosis is the finest form of filtration presently known, permitting only pure water through the membrane. The actual size of a microscopic pore in the membrane is less than 5 angstrom - a single angstrom is equal to one hundred millionth of a centimetre. To put this in perspective: consider if one square foot of membrane were the size of the entire Pacific Ocean, a Reverse Osmosis pore would be roughly the size of a 5 cent coin on that ocean.

(Source: GE Infrastructure, Water and Process Technologies.)



Reverse Osmosis removes the entire spectrum of drinking water contaminants.

Reverse Osmosis water purifiers:

- Can be wall mounted and portable or plumbed-in under sink.
- Filtered water storage tanks are available in a range of sizes.
- Choice of flow-rates.
- Booster pumps available for low pressure areas.
- All units feature a cartridge change service monitor.

FILTRATION BENEFITS



Sediment, dirt, rust, silt



Chlorine, Chloramines, Offensive tastes and odours



Giardia, Cryptosporidium, Selected volatile organic compounds down to 0.5 micron



Bacteria and Viruses



Heavy Metal Reduction

SYSTEM BENEFITS



Stylish chrome monitored faucet - alerts you when cartridge is due to be changed



Hygienic quick change cartridges - as easy to change as a light bulb



Compact space saving cartridges



Ultra high purity water at a fraction of the cost of bottled water

SPECIFICATIONS

Model:	TJR013T12 - K3 - DFM
Maximum Flow Rate:	100 LPD
Maximum Pressure:	125 psi (862 kPa)
Dimensions:	290mm high x 390mm wide x 93mm deep
Accumulator Tank:	230mm diameter x 390mm high (Can be mounted horizontally)
Replacement Cartridge:	TJ-3, TJ-1, TJ-R0100



Alpine

Water Filtration

Division of

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