

Pure Water Window Cleaning

What is 'Pure Water' Window Cleaning?

Pure Water or DI (deionized) Water has had almost all of its mineral ions removed, such as sodium and calcium. Deionization is a chemical process that uses specially manufactured *ion-exchange resins* which exchange hydrogen and hydroxide ions for dissolved minerals, then recombine to form water. Generally, most non-particulate water impurities are dissolved salts, deionization produces high purity water that is similar to distilled water.

Our Pure Water systems use either a **1 or 5-micron CTO (sediment-carbon) or PP Spun (sediment-only) prefilter** to remove 98% of organic solids before passing through a **mixed bed deionizing (DI) resin** to remove the mineral ions (ie calcium and magnesium). A mixed bed resin produces some of the purest water that can be made. CTO filters remove chlorine, taste and odour in addition to organic solids where as sediment-only just remove organic solids only. If your water isn't chlorinated, we recommend the sediment-only filters.

What does this mean for Window Cleaning?

Spot and residue-free sparkling clean windows! No more squeegeeing required! No more detergent* (*detergent isn't required on regularly cleaned windows – detergent maybe required on industrial or first-time builders cleans)

Why choose 'Pure Water' Window Cleaning?

1. Work from the ground, reach higher and save \$100s on scissor lifts
2. Clean better and quicker
3. Improve accessibility
4. Work higher without a ladder – SAFER
5. SAVE TIME and improve productivity by up to 40%!

What will it cost to get setup? Ongoing consumable costs?

1. For an entry-level start-up for a single operator, packages from as little as **\$975.00**.
2. Ongoing resin replacement and filter costs \$80 per 2,600L**
***Note total resin capacity is dependent on Pure Water System purchased, local water quality and flow rate.*

References

https://en.wikipedia.org/wiki/Purified_water

<http://www.ccc.govt.nz/services/water-supply/water-quality-and-monitoring/>

*Price quoted maybe subject to change without notice. Prices are + GST and freight.