

PURE-FLOW Whole Home Filtration

Pure-Flow Multi Stage Filtration System



Our Multistage PURE-FLOW Filtration System provides a robust and fortified housing, ensuring optimal performance of your chosen filtration to deliver the purest water to your property. Engineered with XL housings, our system maximizes optimal filtration with minimal pressure drop, offering all the benefits of purified water while maintaining adequate water pressure.

XL housings accommodate XL filters, providing increased surface area for enhanced filtration efficiency and sustainability. Constructed for durability, our system features brass inlet and outlet connection ports and dual filter housing washers. Rigorously tested through over 10,000 water cycling trials, our PURE-FLOW systems ensure the safety and leak-free operation of your newly purified water.

Equipped with individual pressure gauges on each filter housing's outflow, our system provides instant visual feedback on any pressure drop, signaling the need for filter replacement. Filter changeovers are simplified with individual pressure relief buttons integrated into each housing, allowing for the release of water pressure allowing quick and easy access for filter replacement.



Enhanced health
and well being



Beauty



Cost Efficient



House Keeping



Peace of Mind



Environmentally
friendly

5 Micron Sediment Filter



Our sediment filter serves a crucial role as the initial stage of filtration, defending your water supply against minute sediment particles such as sand, rust, silt, clay, and organic material. Not only does it ensure cleaner and clearer water, maintain water pressure and protect plumbing systems and appliances from blockages, but it also preserves the efficacy of the following filtration stages, allowing them to focus solely on their respective processes.

Sediment filtration operates through a process known as mechanical filtration, analogous to how a fly screen permits airflow into a home while shielding it from flies and insects. The outer layer of our sediment filters features mesh squares progressively shrinking as entering the core of the filter, progressively capturing smaller and smaller sediment particles as water traverses deeper into the filter.

The size of these mesh squares is measured in microns. For perspective, if you were to pluck a single strand of hair from your body, cut that hair stand in half, its width would measure approximately 70 microns. With our 5-micron filters, we have the capability to intercept particles up to 14 times smaller than the width of a single strand of hair, effectively preventing their entry into the incoming water supply

- Removal of solid particles within the water
- Enhanced water clarity and taste
- Protection of plumbing system and appliances from sediment damage
- Preservation of water pressure
- Enhancement of following filtration method

Water Softening Filter



Our water softening resin filters address one of Perth's significant challenges: hard water. By eliminating hard water from your home, our filters not only enhance your personal health but also offer a range of benefits, including softer and healthier skin and hair, improved quality and longevity of clothing, enhanced cleanliness and hygiene within your household by eliminating water stains, calcium build-up, and scummy residue. Additionally, our filters contribute to cost savings by prolonging the life expectancy of your white goods and hot water system.

Hard water results from minerals present in our water supply. Through a process known as ion exchange, our softening resin removes these minerals effectively. As the water flows through the water softening resin beads the ions in the minerals that cause hard water are captured and exchanged for neutral sodium ions. This exchange has no adverse effects on the water but effectively removes hardness causing minerals, allowing you to capture all the benefits of soft water.

- Gentle on skin and hair reducing dryness and irritation
- Prevention of scale build up within bathrooms and kitchens
- Prolonging life expectancy of plumbing system, plumbing appliances, hot water systems
- Softer, Brighter clothing after every wash
- Removal of water stains

Fluoride Reduction Filter



Our Alumina Ball Fluoride Reduction Filter utilizes specialized alumina balls designed specifically for fluoride removal, effectively reducing fluoride levels in your water. Fluoride, commonly added to our water supplies for dental health benefits, can be a concern for those who prefer to remove it due to potential health risks and taste preferences. The alumina ball media targets and adsorbs fluoride ions, dramatically reducing fluoride concentration and ensuring safer, cleaner water

Containing aluminum oxide also known as alumina, our Fluoride Reduction Filters functions through a process known as adsorption (alike to our GAC media), unlike absorption as to a sponge absorbing water, adsorption functions akin to two strips of Velcro bonding together, the alumina has a very high surface area with a network of pores, which allows it to trap and bind fluoride ions from the water. The fluoride ions adhere to the surface of the alumina particles as water passes through the filter leaving the fluoride molecules trapped within the filter

- Enhanced water Safety
- Reduction of Health risks associated with excessive Fluoride exposure
- Enhanced Taste and Quality



KDF-55 & GAC Filter



Our KDF-55 (Kinetic Degradation Fluxion) + GAC (Granular Activated Carbon) dual filtration media filters employ a collaborative 2-in-1 filtration process. Together, they effectively remove up to 98.5% of chlorine, as well as numerous heavy metals, industrial solvents, voes (Volatile Organic Compounds), thereby enhancing water quality to promote healthier skin, reduce irritation, and deliver cleaner, fresher, safer and more palatable water. The biostatic properties of KDF-55 inhibit the growth of algae, fungi, and bacteria, shielding the water supply from these harmful organisms while as well as prolonging the lifespan and efficiency of the GAC media.

KDF-55 patented filtration media accomplishes filtration through an oxidation-reduction (Redox) Reaction process, as water containing various heavy metals and chlorine passes through the KDF-55 media, electrons are either gained (reduced) or lost (oxidized) between each other. This process alters the structure of incoming heavy metals and chlorine, transforming them into harmless components within the water, for instance, chlorine is transformed into chloride ions, which pose no adverse effects on the water supply.

GAC media functions through a process known as adsorption (alike to our Fluoride Reduction Filters), unlike absorption as to a sponge absorbing water, adsorption functions akin to two strips of Velcro bonding together, organic compounds and impurities adhere to the carbon granules, ultimately becoming trapped within the filter while allowing clean water to pass through.

- Removal 98.5% chlorine and Heavy Metals
- Removal of Volatile Organic Compounds - Enhancing water safety, Colour, Taste and Odor
- Bacteriostatic properties
- Improved overall water purity

Stainless Steel Housing

Our stainless-steel housing cover provides robust protection for our PURE-FLOW Systems 3 XL filter housings, featuring a polished mirrored finish that seamlessly integrates with its surroundings, enhancing the system's aesthetic appeal with a crisp, refined appearance. Equipped with eight wing nuts, the stainless-steel cover ensures swift and convenient access to the interior, facilitating effortless annual filter replacements.



Complete Cover

The PURE-FLOW Complete Cover provides comprehensive protection not only for your PURE-FLOW Systems XL housings but for your entire PURE-FLOW systems plumbing installation. Locally manufactured, our PURE-FLOW Complete Cover features a robust 3mm aluminum construction, aesthetically designed with the ability to select your desired color, ensuring your PURE-FLOW system pairs with the individuality of your property. Equipped with the simplicity of a hidden bracket system, accessing your filter could not be easier, allowing for effortless annual filter replacements.

