

HELLO WATER

# THE BOTTLE WATER PLANT

## Whole Home Water Purification System



### TECHNICAL SPECIFICATION SHEET



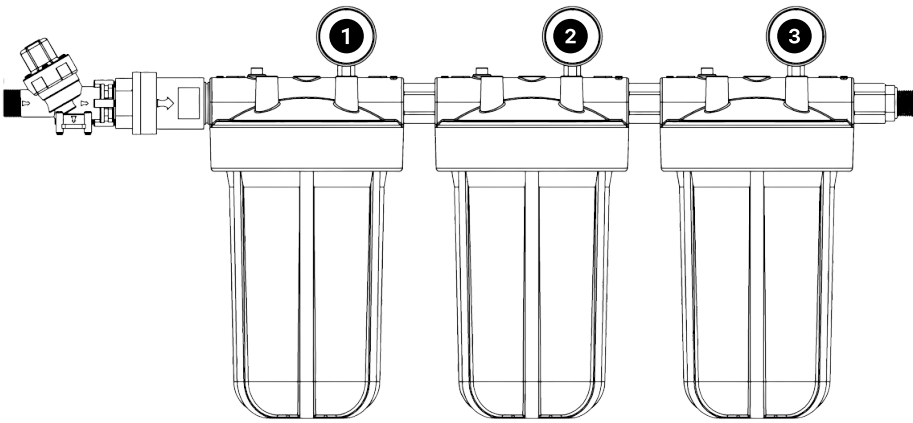
### SYSTEM DESCRIPTION

This innovative system provides an environmentally responsible solution for reducing and eliminating impurities from your Tap water without the use of harsh chemicals. By adopting our solution, you'll not only enjoy the benefits of clean purified water but also contribute to saving the environment by minimizing the usage of plastic bottled water. One of the key features of this product is its patented purification process that utilizes redox, the exchange of electrons, to effectively reduce or remove chlorine, iron, hydrogen sulfide, heavy metals, and control microorganisms via KDF55 media.

### APPLICATIONS

- Medium to Large homes drinking, cooking and shower water supply
- Small businesses / restaurants and cafes, water for Coffee, pre mix and other beverages

### PURIFICATION TRAIN



LEVEL 01	SEDIMENT FILTRATION STATION (Two Stages)
<p>The filtration technology employed is highly effective dual gradient technology, utilizing a two-stage process to filter out impurities such as silt, clay, mud, rust, algae, and other organic debris that may be present in your tap water.</p> <ul style="list-style-type: none"><li>• Sediments filtration efficiency up to 0.5 Micron (Nominal)</li><li>• Effective Filter Depth : 233%</li><li>• Filtration Media : Food grade Poly Propylene (NSF 42 approved for material safety)</li></ul>	
LEVEL 02	CHEMICAL FILTRATION STATION
<p>This station utilizes unique radial flow Carbon technology to eliminate undesirable <b>tastes, odors, and colors</b> while enhancing the safety of tap water. This is accomplished by efficiently reducing common disinfection byproducts such as THMs (Tri-Halo Methane), organic impurities such as chlorinated solvents and other industrial pollutants such as PFAS, pesticides, emerging pollutants such as pharmaceutical traces and certain heavy metals such as mercury.</p> <ul style="list-style-type: none"><li>• Filtration Media : Granular Activated Caron</li><li>• outer layer : 70Micron Poly Ethylene</li></ul>	

LEVEL 03

HEAVY METALS REMOVAL AND POLISHING STATION

The station enhanced with **patented KDF-55** technology combined with **Coconut shell carbon**, which effectively reduces **chlorine, iron, heavy metals such as lead, mercury, copper, nickel and hydrogen sulfide** & other impurities in water. Additionally it controls scale build up in the house hold equipment,

**Microorganisms such as bacteria, algae** are controlled by the exchange of electrons in the redox reaction that creates an electrolytic field that most microorganisms can't survive.

- Filtration Media : KDF 55 Process Media, Coconut Shell Carbon
- outer layer : 5 Micron Poly Propylene

System Specifications

System Flow Rate	75 liters per minute Average demand
Inlet / Outlet Size	25mm ( 1" BSP)
System Dimensions	607mm (W) 496 (H) 232 (D)
Approx. Filter Cartridge Life	12-14 months
System Certifications and Standards	Watermark ( WMTS 103)
	NSF 42 for material safety
	Sensitive Choice The National Asthma Council Australia
Min/ Max Inlet Water Temperatures	4°C - 40°C
Min / Max Inlet Water Pressure	140 -520 Kpa

Hello Water Purification

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SCAN TO SAY HI.

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