

MAINS SUPPLY

# Water Purifier



## APPLICATIONS

Residential/Lifestyle/Light Commercial

## GENERAL INFO

HRV PURIFIER is an advanced automatic self-regenerating system that works effectively for problems commonly associated with heavy metals, chlorine, taste & odour ensuring clean, pure, chemical-free water to every tap in your home.

## FEATURES | BENEFITS

- ◆ Carbon and KDF Technology for the removal/reduction of sediment, chlorine, asbestos, heavy metals, unwanted taste and odours from every tap in the home
- ◆ No more chlorine taste and smell from any tap
- ◆ Recycled water for the garden
- ◆ Purified for the Whole House
- ◆ Reduces chlorine by-products (THMs)
- ◆ Reduces heavy metals, pesticides & herbicides
- ◆ Low on-going maintenance, easy installation
- ◆ The white minimalist style casing effortlessly integrates into a high-end home environment.
- ◆ UV resistance provides superior quality.
- ◆ A 3 Step set up program. One Touch regeneration makes for super easy operation.
- ◆ Improves; Drinking Water, Shower & Bath, Personal Hygiene, Dishwashing, Food Preparation, Fruit/Vegetable Garden, Household Pets



WAT SYS WHWP-1054A



WAT SYS WHWP-1040A



Vessels tested and certified by the Water Quality Association (WQA) to NSF/ANSI Std. 44 for material safety and structural integrity requirements and St. d. 372 for low lead compliance.



TESTED and CERTIFIED by the WQA to NFS/ANSI Standard 44 for Water Softener Performance.

0800 HRV 123  
[hrv.co.nz/water](http://hrv.co.nz/water)

September 2021



**HRV Whole Home  
Water Filtration**

brought to you by

# Water Purifier



## HOW IT WORKS

### INTELLIGENT CONTROL VALVE

This highly intelligent control valve has a super capacitor to hold time of day and programming during a power outage. The fully adjustable 3 cycle control and ability to remember customer water use, means great efficiency. You can choose your backwash time.



### INTELLIGENCE INSIDE

The fully set up bottom distributor has a quartz sand layer covering it to allow superior distribution of water through the media, helping to prevent channelling and also protecting your unit from loss of media during backwash.

### SERVICE

The main water feed enters the unit and flows down through the media to purify the water, then flows back up the riser tube and out to use

### BACKWASH (Self-Cleaning)

Water Flow is reversed, so it flows down the riser pipe and up through the media, lifting it up and out to drain. The unit can be programmed for time and frequency of backwash to best suit your needs. If an extra backwash is needed, a one touch button makes it easy

## HOW IT WORKS

### KDF

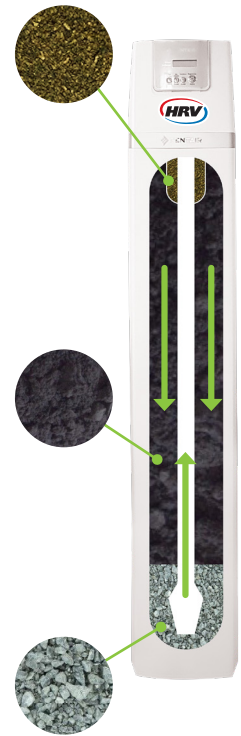
KDF Filter media can effectively remove up to 99% of water-soluble heavy metals, including lead, mercury and nickel. The superior ability of KDF to inhibit the growth of bacteria, algae and fungi makes it ideal for use with Granular Activated Carbon (GAC) to extend the hygienic life of the filter.

### GAC

GAC (Granular Activated Carbon) Super absorbent food-grade coconut shell activated carbon, greater porosity. Residual chlorine absorption, removal of microorganisms and suspended solids.

### Quartz Sand Layer

For the removal/reduction of coarse and fine sediment i.e suspended solids.



## SPECIFICATIONS

DESCRIPTION	WHWP-1040A	WHWP-1054A
Operating Pressure	0.14 - 0.35 MPa (20.30-50.76 psi)	0.14 - 0.35 MPa (20.30-50.76 psi)
Size (W*D*H)	266 x 333 x 1213 mm	266 x 333 x 1572 mm
Media	GAC 10 kg + KDF 0.5 kg + Filter Sand 8 kg	GAC 16kg + KDF 0.6kg + Filter Sand 8kg
Flow Rate	33L/min	50L/min
Total Capacity	35 m <sup>3</sup>	60 m <sup>3</sup>
Tank Model	1040	1054
Valve Model	Autotrol-368/606F	Autotrol-368/606F
Valve-Pipe Size	1"-BSPT	1"-BSPT
Transformer	NZ/AUST WallTrans-240V	NZ/AUST WallTrans-240V
Controller type	363-Automatic 706 Control	363-Automatic 706 Control
Controller type	368-Automatic 706 Control	368-Automatic 706 Control

## TYPICAL INSTALLATION

