

# Water Softener Automatic System



## APPLICATIONS

Residential/Lifestyle/Light Commercial

## GENERAL INFO

HRV SOFTENER is an advanced automatic self-regenerating system that works effectively to reduce problems commonly associated with hard water such as; lime scale build-up, the formation of soap scum, providing longer plumbing life and reducing electricity costs saving \$\$\$.

## FEATURES | BENEFITS

- ◆ Soft Water for the Whole House
- ◆ Cleaner, shinier glass and silverware
- ◆ Improve rich lathering, save on cleaning products
- ◆ Recycled water for the garden
- ◆ Soft water preserves the life of coffee machines, ice makers, dishwashers, clothing washers and other water using appliances
- ◆ A 3 Step set up program. One Touch regeneration makes for super easy operation.
- ◆ Improves; Drinking Water, Shower & Bath, Dishwashing.



WHWS-1054A

WHWS-1035A  
(Internal Brine Tank)



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.



# HRV Water Softener

## Automatic System

### HOW IT WORKS

#### INTELLIGENT CONTROLL 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.



#### EFFICIENT REGENERATION

The eight step regeneration process maximises salt use compared to the traditional 5 step process. This means that water use during regeneration is significantly lower than standard softeners.

#### BYPASS INCLUDED

A discreet bypass is included with the unit. Allowing easier maintenance. This means that water can still be supplied while the unit is being serviced. The partial bypass function allows softened and raw water to be mixed to give the desired hardness levels.

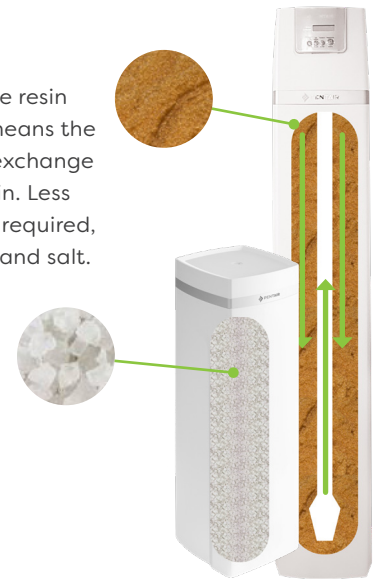
### HOW IT WORKS

#### HIGH GRADE RESIN

Premium quality, food grade resin with a uniform bead size, means the unit has up to 20% higher exchange capacity than standard resin. Less frequent regenerations are required, giving savings in water use and salt.

#### COARSE SALT

Used for the regeneration of resin



SPECIFICATIONS		
DESCRIPTION	WHWS-1035A	WHWS-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)	309 x 446 x 1228 mm	273 x 273 x 1617 mm (softener cabinet) 323 x 323 x 1000 mm (brine tank)
Media	Cation Softener Resin	Cation Softener Resin
Flow Rate	33.33L/min	50L/min
Resin Volumes	30 Litre	40 Litre
Total Capacity	15,000 m3	20,000 m3
Tank Model	1035	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	368-Automatic 706 Control	368-Automatic 706 Control

### TYPICAL INSTALLATION

