



# – UNEYO WATER SOFTENER –

*Trusted Water Treatment solutions*

## INTRODUCTION

UNEYO Water Softeners are designed to remove hardness from water using advanced ion exchange technology. The system provides continuous soft water supply and protects plumbing appliances and industrial equipment from scale formation.

## BENEFITS

- ✓ Removes Calcium & Magnesium
- ✓ Prevents Scale Formation
- ✓ Extends Life Of Plumbing & Appliances
- ✓ Reduces Soap Consumption
- ✓ Protects Skin Consumption
- ✓ Fully Automatic Operation



## Contact Us:-

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# Why Choose UNEYO Water Softener

UNEYO Water softening systems are manufactured using high quality components and designed for long service life, low maintenance and efficient performance for residential, commercial industrial applications.

## APPLICATIONS

- ➔ Homes & Apartments
- ➔ Hotels & Restaurants
- ➔ Hospitals
- ➔ Laundry
- ➔ Boiler Feed
- ➔ Cooling Tower
- ➔ Industries
- ➔ Commercial Buildings

## SYSTEM FEATURES

- ➔ Automatic Regeneration System
- ➔ High Quality Ion Exchanges Resin
- ➔ FRP Pressure Vessel
- ➔ Automatic Multiport Valve
- ➔ Compact Design
- ➔ Low Maintenance
- ➔ Long Service Life
- ➔ Easy Installation

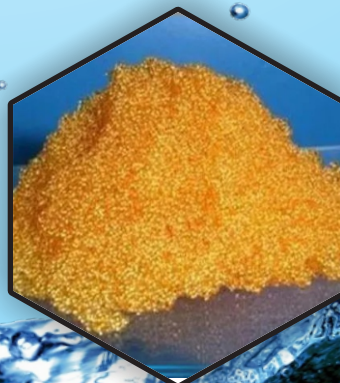
## MAIN COMPONENTS



**FRP Pressure Vessel**



**Brine Tank**



**Ion Exchange Resin**



**Automatic Multiport Valve**

## UNEYO WATER SOFTENER TECHNICAL SPECIFICATIONS

Parameters	WS-25	WS - 50	WS- 90	WS - 150
Water Flow	1000 L/hr	2000 L/hr	3000 L/hr	6000 L/hr
Inlet Water Pressure	1.5 M3.5 kg/cm <sup>2</sup>	1.5 M3.5 kg/cm <sup>2</sup>	1.5 M3.5 kg/cm <sup>2</sup>	1.5 M3.5 kg/cm <sup>2</sup>
Inlet Max Hardness	Up to 800ppm	Up to 1000 ppm	Up to 1200 ppm	Up to 1200 ppm
Treated Water Hardness	< 50 ppm	< 50 ppm	< 50 ppm	< 50 ppm
Inlet / Outlet Size	3/4 inch	1 inch	1 inch	1.5 inch
Drain Line	0.5 inch	0.5 inch	0.5 inch	0.75 inch
Electric Supply	230V AC / 6 Amp	230V AC / 6Amp	230V AC / 6 Amp	230V AC / 6 Amp
Treated Water Output	1700 Litres	5000 Litres	9000 Litres	15000 Litres
Salt Capacity	40 kg	100 kg	100 kg	150 kg
Resin Quantity	25 Litres	50 Litres	90 Litres	150 Litres
Installation Footprint	Floor Mounted	Floor Mounted	Floor Mounted	Floor Mounted
Softener Vessel	FRP Vessel 8*44	FRP Vessel12*48	FRP Vessel13*54	FRP Vessel16*65
Process Valve	Automatic MPV	Automatic MPV	Automatic MPV	Automatic MPV
Regeneration System	Auto	Auto	Auto	Auto
Salt per Recharge	4 kg	8 kg	15 kg	24 kg

## UNEYO AUTOMATIC SAND FILTER



### Advance Filtration For Crystal Clear Water

UNEYO Automatic Sand Filter (ASF Series) is designed to remove suspended impurities, turbidity, and dirt particles from water. It ensures efficient filtration and protects pipelines, RO systems, and water softeners.

### TECHNICAL SPECIFICATIONS

Parameter	UN-ASF-1	UN-ASF-2	UN-ASF-3	UN-ASF-4	UN-ASF-5
Pressure Vessel Size	8"x44"	12"x48"	13"x54"	14"x65"	16"x65"
Max. Working Pressure	3.0 kg/cm <sup>2</sup>	3.5 kg/cm <sup>2</sup>	3.5 kg/cm <sup>2</sup>	3.5 kg/cm <sup>2</sup>	3.5 kg/cm <sup>2</sup>
Min. Working Pressure	1.5 kg/cm <sup>2</sup>	1.8 kg/cm <sup>2</sup>	1.8 kg/cm <sup>2</sup>	2.0 kg/cm <sup>2</sup>	2.0 kg/cm <sup>2</sup>
Flow Rate (m <sup>3</sup> /hr)	08-1	1-2	2-3	3-4	4-5
Filter Media	25	50	100	125	150
Process Valve	Fully automatic	Fully	Fully	Fully	Fully
Inlet/Outlet Fitting	3/4"	1"	1"	1"	1.5"
Electrical Supply	230V 1Ph	230V 1Ph	230V 1Ph	230V 1Ph	230V 1Ph
Inlet Turbidity	Up to 20 NTU	Up to 20 NTU	Up to 20 NTU	Up to 20 NTU	Up to 25 NTU
Turbidity Reduction	< 10 NTU	< 10 NTU	< 10 NTU	< 10 NTU	< 10 NTU
Inlet Suspended Solids	Up to 25 ppm	Up to 25ppm	Up to 25ppm	Up to 25ppm	Up to 25ppm
Suspended Solids Reduction	< 10 ppm	< 10 ppm	< 10 ppm	< 10 ppm	< 10 ppm

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