

# ZERO B™

PURE WATER SOLUTIONS

Experience purity of water with India's one of the premium water treatment company that offers the widest range in UV & RO water purifiers, softeners, carbon and sand filters as well as iron removers.



All Product images are for illustration purposes only. Actual product may vary.

# INNOVATION TO ENSURE PURE AND SAFE WATER FOR ALL

## • INTRODUCTION •

We have grown up drinking ZeroB water and over the years, the brand has gained followers across age groups.

ZeroB has taken utmost pride in safe guarding families, house, businesses and smiles from perils of impure water for the last 50 years!

ZeroB, the flagship brand of Ion Exchange (India) Ltd., with its strong national and international presence, has emerged as a premier water and environment management company. ZeroB has pioneered many path-breaking innovations in the field of technology and marketing to provide a one-stop water solution for your home and the community in general. It promises to offer you water that is pure and safe for drinking and other applications.

At ZeroB, every product is crafted with meticulous attention to detail so that it provides ultimate defence against all water-borne diseases and ensures complete protection for your family

The water purified by ZeroB products is tested and certified by several laboratories across the world to match the USEPA/IS standards. Ion Exchange (India) Ltd., has led virtually every breakthrough in the quest of fulfilling the company's vision, "To be a leader in our business which is so vital to people's lives and the environment." Now the results of our progress in water purification technology have been made available easily via our e-commerce site. Take a small step towards ensuring safe & pure water for you home and offices by logging on to [www.zerobonline.com](http://www.zerobonline.com)



Best Complete Domestic  
Water Management  
Solutions Provider  
"Domestic and  
Institutions - 2017-2018"



Best Complete Domestic  
Water Management  
Solutions Provider  
"Domestic and  
Institutions - 2016-2017"



Best Complete Domestic  
Water Management  
Solutions Provider  
"Domestic and  
Institutions - 2015-2016"



Best Complete Domestic  
Water Management  
Solutions Provider  
"Domestic and  
Institutions - 2014-2015"



## OUR MISSION

- We work towards satisfaction of our customers, well-being of our stakeholders and for the benefit of society of which we are a part
- We pursue the path of continuous improvement

## OUR VISION

- To be the leader of our business which is so vital to people's lives and the environment

## OUR VALUES

- Customer satisfaction
- Protection of the environment
- Ethical, disciplined work behavior through teamwork and individual initiative
- Pursuing excellence through continuous R&D and employee training
- Work ethics inspired by professionalism and integrity
- Safe and congenial work environment
- Contributing to the well-being of the community

# SAFEGUARDS YOUR FAMILY AGAINST WATER-BORNE DISEASES

## SURAKSHA



### GLOBALLY ACCLAIMED RESIN TECHNOLOGY

Kills bacteria and viruses that cause water-borne diseases



### PRODUCT PURIFICATION LIFE

Gives 7500 litres of safe, bacteria-free drinking water



### IN-BUILT INDICATOR

To indicate when the unit life is over



### FREE ADAPTOR INSIDE

Designed to fit any tap size

### FEATURES

- Tap attachment water purifier
- Does not require electricity
- Gives residual protection

### TECHNICAL SPECIFICATIONS

Purification flow rate	2 Litres/min
Product dimension (DxH) (mm)	50 X 90
Weight (gm)	120

\*Ion Exchange (I) Ltd reserves the rights for any amendments or modifications or changes in the above mentioned technical specifications without any notice  
Note: Best to use when TDS of inlet water is 100 ppm or below and in absence of chlorine  
\* Under standard test conditions

**UL Certified**

## suraksha pluspro



### RESIN TECHNOLOGY

Kills bacteria and viruses that cause water-borne diseases



### NON-ELECTRIC PURIFIER

No electricity and boiling required



### CARTRIDGE PURIFICATION LIFE

Gives 3,000 litres of bacteria and virus free drinking water



### REMOVES PHYSICAL IMPURITIES

Efficiently removes mud, sand, dust & other suspended impurities

### FEATURES

- Easy to wash, reusable sponge filter capsule
- Easy to install

### TECHNICAL SPECIFICATIONS

Capacity of upper fill container	5 Litres
Capacity of purified water container	10 Litres
Purifier flow rate	200 ml/min
Turbidity removal	By 70%
Net weight (kg)	2.4
Product dimensions (H x W) (mm)	610 x 320

Product water meets IS 10500 drinking water standards

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\* Under standard test conditions



**AUTOMATIC HAND  
SANITIZER DISPENSER**



Compact wall mount design



Magnetic lock given for ease of removing the front cover for checks



Easy top filling storage tank with level indicator



Low wastage well confined drop design



**#Zero Means Purity**

# AUTOMATIC HAND SANITIZER DISPENSER

## TECHNICAL SPECIFICATIONS

Sanitizer Tank Capacity	5 litre
Mode of Operation	Contactless Automatic
Product Weight (Net)	3.1 kg (Approximately)
Product Dimension (L x W x H)	150 x 320 x 485 mm
Mounting Type	Wall Mount
Working Voltage/ Power Consumption	230 V AC, Idle Mode - 4.5 Watt & Spray Mode - 36 Watt
Tank MOC	Chemical Resistant SAN Material
Power Supply	SMPS
Auto Sensor Type	Ultrasonic based Contactless Sensing
Sanitizing Discharge	2 - 3 ml with capacity of 2000 sprays per fill
Body Material	High Impact ABS

\*Under standard test conditions

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**SANITIZER**



World Health  
Organization

Recommended Formula



## SAFE HANDS, SAFE LIFE

**Kills 99.9% Germs**

### TECHNICAL SPECIFICATIONS

Composition	ZeroB Secure Sanitizer
Ethanol	80% v/v
Hydrogen Peroxide	0.125% v/v
Glycerol	1.45% v/v
Appearance	Apple Green
Fragrance	Lemon Grass

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Available in : 500 ML, 5L, 30L & 200L Pack

**Made in India**

**UVGRANDE**



# World's First UV Water Purifier Equipped with ESS Purification



### ESS Technology

Releases Active Silver Ions that keeps your water pure and safe round the clock.



### Next Gen UV Technology

The 6 stage UV water purification system paralyses diseases causing bacteria & viruses by disrupting genetic cell.



### Quartz Glass UV Lamp

Protects the water from contamination right from the time it passes through the nozzle till it flows down to your glass.



### Higher Shelf Life

Keeps your tank water safe for drinking for more than 7 days



### LED Smart Indicator

Indicates the health of water purifier and water quality.



### 6 Stage Purification

Ensures you get safe and pure drinking water.



## TECHNICAL SPECIFICATION

Product Dimension (LxWxH)(mm)	275x230x370	275x230x370
Unit Weight	4.4kg	4.4kg
Purification Flow Rate	1 LPM	1 LPM
Inlet Pressure	0.5 to 2.0kg/cm <sup>2</sup>	0.5 to 2.0kg/cm <sup>2</sup>
Power Rating	20 Watts	20 Watts
Storage Tank Capacity	4 Liters	6 Liters

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\* Under standard test conditions

## USP



Clean, Safe & Pure water 24X7



# A SMART WATER PURIFIER FOR YOUR HOME



## Next Gen UV Technology

The 4 stage UV water purification system paralyzes diseases causing bacteria & viruses by disrupting genetic cell.



## Ultra-Filtration Module

Effective Ultrafiltration module consists of UF Membrane which removes microbes from water and does not allow particulates to form a layer on quartz glass of UV lamp, thereby preventing shielding effect.



## Quartz Glass UV Lamp

Protects the water from contamination right from the time it passes through the nozzle till it flows down to your glass.



## LED Smart Indicator

Simplified smart LED panel with Power On & Process On for easy operations

## TECHNICAL SPECIFICATION

Dimension (LxWxH)(mm)	270 x 230 x 370
Unit Weight	5.2kg
Purification Flow Rate	Upto 1LPM
Inlet Pressure	0.5 to 2.0kg/cm <sup>2</sup>
Power Rating	20 Watts
UV Lamp	11 Watts
UF Filter	Hollow Fibre
Storage Tank Capacity	6 Liters

## USP



**Detachable, Transparent & Washable Water Tank.**

# SAVES 80% MORE WATER THAN REGULAR RO PURIFIERS

## ecoRO RO Water Purifier



+



+



**HRR Technology**  
**HIGH RECOVERY RO**  
3 times higher  
pure water recovery



TDS + Heavy metal remover  
removes excess salts, bacteria,  
viruses, pesticides, harmful  
chemicals and heavy metals  
from water



**ESS TECHNOLOGY**  
Prevents germ build-up by  
automatically cleaning  
the purifier



Sanitizes the  
water storage tank  
24 x 7 to prevent  
germ build-up



Fully automated  
operations

### TECHNICAL SPECIFICATIONS

Purification Flow Rate	12 Litres/Hour
Storage Tank Capacity	6 Litres
Purification Stages	9 Stages
Inlet Water TDS (Max)	1500 ppm
Inlet Pressure	0.5 to 2 kg/cm <sup>2</sup>
Rejection Of Salts (TDS)	Up to 95%
Recovery Of Pure Water	Up to 70%
Water Saving	More than 80% water compared to other water purifiers
Pre-Filter	Comboblock with Filter Bag
Post RO Protection	E-Health cartridge with ESS protection
Sediment Filter	10 micron
RO Membrane	1812 x 1
Power Consumption (Max)	30 Watts
RO Booster Pump	36 V DC
Dimension (L x W x H) (mm)	275 x 230 x 370
Unit Weight (kg)	12
Maximum Recommended Output	70 Litres/Day
Water Saving Cartridge	Nova Cartridge

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\* Under standard test conditions

# Kitchenmate

With UV technology



## KITCHENMATE PLACEMENTS



## MODERN UV PURIFIER FOR YOUR MODULAR KITCHEN

### TECHNICAL SPECIFICATIONS

Dimensions (D x W x H) (mm)	150 x 320 x 485
Weight	5.325 kg
Output Flow rate	Upto 2 litre/min
<b>INLET WATER CONDITIONS</b>	
Inlet opening	Inlet opening from your 1/2" BSP male thread connection
Inlet pressure	0.0-2.0 kg/cm <sup>2</sup>
Inlet water TDS	500 max
Turbidity	10 NTU
<b>ELECTRIC SUPPLY</b>	
Operating voltage	230V AC ± 10%, 50 Hz
Power Rating	35 watts
<b>PURIFICATION STAGES</b>	
Coarse filtration	Integrated filter bag
Filtration	Dedicated 5 micron filter
BAC	Bacteriostatic silver impregnated activated carbon
UV lamp	Ultraviolet radiation

\*Under standard test conditions

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## BRING HOME YOUR TRIPLE-X PURIFICATION SYSTEM

### TECHNICAL SPECIFICATIONS

Model	Magna Plus
Purification Stages	8
Purification Flow Rate	10LPH
RO Purification	RO Membrane
UV Purification	UV Module
UF Purification	4" UF Module
UV Purification	UV Module
UF Purification	4" UF Module
Power Rating (Max)	30 Watts
Inlet Pressure (Min-Max)	0.5-2.0kg/cm <sup>2</sup>
Inlet Water TDS	1500ppm
Dimension-LWH	280X200x370
Unit Weight	6.8 kg

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# Kitchenmate

With UV technology

## NEW KITCHENMATE UV: India's most trusted Under the Sink UV water purifier



### TECHNICAL SPECIFICATIONS

Inlet opening	Inlet opening from your 2" BSP male thread connection
Inlet pressure	1.0- 2.0 ka/em2
Inlet water TDS	500 max
Turbidity	10 NTU
Operating Voltage	230 AC +10%, 50 Hz
Power consumption	20 watts
Purification Stages	4 Stages
Coarse filtration	Integrated filter bag
Filtration	Dedicated 5 micron filter
BAC	Bacteriostatic silver impregnated activated carbon
UV lamp	Ultraviolet radiation
Output Flow	Upto 2 litre/min
Product code	4525
Quantity	One unit
Product Dimensions (D x W x H) (mm)	150 x 320 485
Net Weight	5.325 kg approximately
Gross Weight	6.4 kg approximately
Box dimension (D x W x H) (mm)	240 x 405 x 575

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\* Under standard test conditions

# Kitchenmate

With RO+UF technology

## KITCHENMATE RO+UF: Safest & cleanest RO water for your Modular kitchen

### TECHNICAL SPECIFICATIONS

Purification Flow Rate	9* Litres/hour
Storage Tank Capacity	8* Litres
Max. Inlet Water TDS	1500 ppm (Subject to hardness of inlet water been less than 500 ppm)
Inlet pressure (Min. — Max.)	0.5 to 2 kg/cm <sup>2</sup>
Rejection of salts TDS	90% and above
Recovery of Pure water	Upto 30%
Power Rating	30 Watts max.
Dimension (D X W X H) (mm)	150 x 320 x 485
Power Rating	35 watts
Unit Weight (Kg)	11
Prefilter	Filter Bag and HiQ Filter
Sediment Filter	10 Micron
UF Cartridge	Ultra-filtration module
Hydropneumatic tank pressure in kg/cm <sup>2</sup>	1.8 to 2.8 (factory set)
Storage Tank Capacity 8 litres Hydropneumatic Tank ( Dimension in mm )	( Height x Dia ) 368 x 267

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## INDIA'S ONLY RO THAT PURIFIES WATER AT HIGH TDS UPTO 3000 PPM

  
Purifies hardness  
of 1000 PPM



  
**HIGH TDS Remover**  
TDS + Heavy metal  
remover removes  
excess salts, bacteria,  
viruses, pesticides,  
harmful chemicals and  
heavy metals  
from water

  
2 X  
enhanced Flow

### TECHNICAL SPECIFICATIONS

Purification Flow Rate	15 LPH
Storage Tank Capacity	8 Ltrs
Purification Stages	7
RO Membrane	1812 X 2 High TDS RO Membrane
Inlet Water TDS (Max)	3000 max
Inlet Water Pressure (Max)	1-2 kg/cm <sup>2</sup>
Rejection of salts (TDS)	90
Rejection of pure water (TDS)	30
Pre-Filter	Filter bag+High Q Filtration+Carbon
Sediment Filter	5 to 10 Micron
Power Consumption	36 watts
RO Booster Pump	56
Product dimation (LXWXH)	330x320x400
Product Weight (Net)	12kg
Maximum Recommended Output	50 Litres/Day

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\* Under standard test conditions

*Sapphire*

RO Water Purifier



**TDS + HEAVY  
Metal Remover**

Removes excess salts, bacteria, viruses, pesticides, harmful chemicals and heavy metals from water



**7**

Stage

**7-Stage  
Purification**

Ensures you get safe & pure drinking water



**Detachable Storage Tank**

Beautiful, glowing & transparent 6 litres tank, hence easy to use & clean



**Auto Flush Timer**

Automated flushing ensures continuous purification, enhances the RO membrane life

## PERFECT BLEND OF BEAUTY AND TECHNOLOGY

### TECHNICAL SPECIFICATIONS

Purification Flow Rate	9* LPH/Hour
Storage tank capacity	6
Purification stages	7
RO membrane	1810 x 1
Inlet water TDS (Max)	1500 ppm
Inlet water pressure (Min-Max)	0.5 to 2 kg/cm <sup>2</sup>
Rejection of salts (TDS)	Upto 95 %
Recovery of pure water	Upto 35 %
Pre-Filter	Filter Bag + Hi-Q filtration with ACF
Sediment filter	10 Micron
Power Consumption (Max)	30 Watts
RO booster pump	24 VDC
Product dimension in mm (L X W X H)	275 x 230 x 370
Product weight (Net)	9 kg
Maximum recommended output	60 Litres/Day

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Table Top



Under the Sink



## Enjoy the goodness of Alkaline & Hydrogen Water Crafter

Move towards a healthier life

- All in One
- 11 Plates
- In-built RO
- 4 Patents

## HYDROLIFE BENEFITS & FEATURES



**Controls  
Lifestyle Diseases**



**Relieves  
Digestive Health**



**Improves  
Physical Fitness**



**Skin  
Defense**



**Beauty  
Care**



**General  
Wellness**

## TECHNICAL SPECIFICATIONS

PARAMETERS	SPECIFICATIONS
Dispensing Flow rate	Up to 1 liter/min
Purification flow rate	10 LPH
Storage tank (HN Tank) capacity	8 litres
Number of plates	11 plate Platinized Titanium electrodes with Ionic membranes
Display screen	3.8 inch Smart Color LCD
<b>pH RANGE OF PRODUCT WATER</b>	
Hydrogen water	9-10.5
Drinking and cooking	8.5 - 9.5
Drinking	7.5- 8.5
Purified Water	pH based on inlet water
Sanitizing water	3.5 - 5.5
ORP	For H2 water Up to - 800 mV
Continuous usage time	Not more than 30 minutes
Dimensions (WxDxH) mm	280 x 460 x 450
<b>ELECTRIC SUPPLY</b>	
Operating Voltage	230 ± 10% VAC
Power consumption(W)	175 Watts
Product Weight (Net)	13 kg Approximately
<b>INLET WATER CONDITIONS</b>	
Inlet opening	1/2" BSP thread connection
Inlet water temperature	Less than 45 Centigrade
Inlet pressure	0.5- 2 kg/cm2
Feed water TDS (PPM)	20 - 1500 ppm
Turbidity (NTU)	Less than 5
Total hardness(PPM)	500 max
Free chlorine(PPM)	Nil
Silica(PPM)	Less than 20
Iron and manganese(PPM)	Nil
Oil and Grease(PPM)	Nil

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\* Under standard test conditions

# India's First Portable Hot & Normal Water Purifier

## Ignite HN1 Series



### Technical Specification

Parameters	RO Specifications	UF + UV Specifications
Dispensing Flow rate	Upto 1 liter/min	Upto 1 liter/min
Purification flow rate	Upto 10 LPH	Upto 1 LPM
Pure water storage capacity	1.4 liters	1.4 liters
Raw water storage capacity	5 liters	5 liters
Temperature - Milk/coffee/Tea/Hot Water	Upto 50° C/75° C/85° C/99° C	Upto 50° C/75° C/85° C/99° C
Water Dispensing quantity options	150ml, 250ml, 350ml, 500ml & 800ml	150ml, 250ml, 350ml, 500ml & 800ml
Hot water capacity	Upto 7 LPH	Upto 7 LPH
Dimensions (WxDxH)mm	240x425x385 mm	240x425x385 mm
Purification Stages	5 stage purification	5 stage purification
Dual filter (2 stages)	10 micron	10 micron
Activated carbon filter	10 " Filter	10 " Filter
RO Membrane	75 GPD	nil
RO Guard	4 " Filter	nil
UF membrane	nil	0.1 micron
UV filter	nil	Present
Operating Voltage /Rated heating power	230+10% VAC / 2100 W	230+10% VAC / 2100 W
Product Weight (Net)	7.2 kg	7.2 kg
Feed Water TDS	Upto 1500	Upto 500
Total Hardness PPM	Upto 500	Upto 200



6  
Stage

6 Stage Purification  
Ensures you get safe & pure drinking water



Automatic  
Fully automated  
operations



TDS + Heavy Metal Remover  
Removes excess salts, bacteria,  
viruses, pesticides, harmful  
chemicals & heavy metals  
from water

## GET WATER THAT'S SAFE, TASTY & HEALTHY

### TECHNICAL SPECIFICATIONS

Model	Wave+
Purification flow rate	9* LPH
Storage tank capacity	7 Litres
Feed water TDS	1500 (Max)
Inlet pressure(Min-Max)	0.5 to 2 kg/cm <sup>2</sup>
Rejection of salts	Up to 95%
Recovery of pure water	Up to 30%
Sediment filter	10 micron rated
RO membrane	1812x1
Power consumption	24 Watts (Max)
Dimension (LxWxH) (mm)	330 x 320 x 400
Unit weight (kg)	11
Maximum recommended output	60 Litres/Day
Purification stage	6
RO booster pump	24 V DC

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• Under standard test conditions

# Intello

RO Water Purifier



Cartridge ALARM  
Cartridge Life  
Indicator & Alarm



7 Stage Purification  
Ensures you get safe &  
pure drinking water



ESS technology  
Protects the tank water  
and prevents germ  
build-up 24x7



Smart Display  
Dynamic Monitor  
& Controller (DMC System)



TDS + Heavy Metal Remover  
Removes excess salts, bacteria,  
viruses, pesticides, harmful  
chemicals & heavy metals  
from water

## WATER PURIFIER THAT TALKS TO YOU

### TECHNICAL SPECIFICATIONS

Model	25 LPH
Purification flow rate	25* Litres / Hour
Storage tank capacity	8 Litres
Max. inlet water (TDS)	1500 ppm
Rejection of salts (TDS)	Up to 95%
Recovery of pure water	Up to 40%
Hydropneumatic tank pressure in kg/cm <sup>2</sup>	1.8 to 2.8 (factory set)
Sediment filter	10 Micron
Dimension (L x W x H) (mm)	445 x 275 x 410
Unit weight (kg)	17
Tank dimension (Height x Dia) (mm)	368 x 267
Maximum recommended output	150 Litres / Day
RO Membrane	1812 x3

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Note: When Intello is to be used with a cooler / storage tank, the HN tank is not required  
For this special requirement please consult before ordering  
\* Under standard test conditions

**ECO SMART**  
RO Water Purifier

# HIGH CAPACITY RO PURIFIER WITH WATER SAVING & SMART ALERTS



**HRR**

World's Only  
Upto 70% of pure  
water recovery



**ESS Technology**  
Sanitizes the water  
storage tank 24 x 7 to  
prevent germ build-up



**Cartridge ALARM**  
Cartridge Life  
Indicator & Alarm



**Dynamic Monitor Control**  
Purification process that  
gives clear, safe and  
pure drinking water



## TECHNICAL SPECIFICATIONS

Model	50 LPH
Purification flow rate	50* Litres/Hour
Recovery of pure water	Up to 70%
Rejection of salts(TDS)	Up to 95%
Max. inlet water (TDS)	1500 ppm
Water saver cartridge	Nova Cartridge
Post RO Purification	ESS
RO Membrane	3012 X 1
	1812 X 1
Dynamic monitor and Controller	TDS, cartridge life, power ON, no water and change cartridge
Dimension (L x W x H)(mm)	435 x 510 x 815
Unit weight (Kg)	32
Maximum recommended output	300 Litres/Day

\* Under standard test conditions

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## Softener POU WATER SOFTENER



## WALL-MOUNTED SOFTENERS FOR HOMES

### TECHNICAL SPECIFICATIONS

Flow rate (Max.)	10 LPM
Max. allowable hardness in the raw water as CaCO <sub>3</sub>	500 ppm
Max. allowable hardness (outlet) in treated water as CaCO <sub>3</sub>	<50 ppm
Soft water output (Litres)	300 (@hardness of 500 ppm) 600 (@ hardness of 250 ppm)
Recharging time	30 minutes
Mode of recharging	Manual
Recharging material	ZeroB Pelletized Recharging Salt
Min. – Max. operating pressure in kg/cm <sup>2</sup>	0.5-2.0
Inlet port size	½" BSP
Dimension (Height x Dia) (mm)	550 x 150
Weight (kg)	6.85

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POU Softener removes excess hardness from water. It does not disinfect or purify the water. Inlet water should be free from oil, grease & excessive turbidity



## MINISOFT: Bathroom Water Softeners to protect your hair & skin



### TECHNICAL SPECIFICATIONS

Maximum allowable hardness in the raw water as CA CO <sub>3</sub> ppm	500
Flow rate of treated water	8-10 Liter / min
Resin Purple Soft (Zr Naf)	5.2 Liter
Soft Water Output	At 500 ppm Hardness -450 Liter
	At 250ppm hardness — 900Liter
Maximum allowable hardness (outlet) Treated Water (as Ca Co <sub>3</sub> )	<50 ppm
Mode of Recharging	Manual
Recharging Material	NaCl/ Khadi Salt / Common Salt/ Tablet Salt
Electrical Supply Requirements	230VAC, 6AMP-one Point
Minimum-maximum pressure	0.5-2kg/cm <sup>2</sup>
Salt Per Recharge	750gm
Smart Display Resin Exhaust alert	Buzzer
Smart Display Regeneration Complete Alert	Buzzer

\* Under standard test conditions

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## AUTOSOFT - 1 & 2



## WATER AS SOFT AS THE MORNING DEW

### TECHNICAL SPECIFICATIONS

Model	AutoSoft-1	AutoSoft-2
Water Flow	1000 l/hr	2000 l/hr
Dimension (DxWxH)	330 x 470 x 660(mm)	330 x 470 x 1100(mm)
Inlet water pressure	1.5 to 3.5 kg/cm <sup>2</sup>	1.5 to 3.5 kg/cm <sup>2</sup>
Inlet Max Hardness (As Caco3)	800 ppm (parts per milion)	800 ppm (parts per milion)
Treated Water Hardness (As Caco3)	<50 ppm	<50 ppm
Inlet/Outlet connection Size	1 inch	1 inch
Drain Line	0.5 inch	0.5 inch
Electric Supply	230 V AC/6 amp - 1 point Electric	230 V AC/6 amp - 1 point Electric
Treated Water Output at 500 ppm	800 litres	1700 litres
Salt Capacity	20 kg	40 kg
Purple Resin Quantity	12.5 litres	25 litres
Installation Footprint	Table top	Table top
Softener Vessels	Included	Included
Process Valve	Fully Automatic Programmable	Fully Automatic Programmable
Regeneration Pump	Not Applicable	Not Applicable
Salt per Recharge in kgs	2	4

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\*Under standard test conditions



## AUTOSOFT - 3, 6 & 8



Purple Resin Media

**ZERO B**  
**Purple Soft**  
Food Grade Resin



## WATER AS SOFT AS THE MORNING DEW

### TECHNICAL SPECIFICATIONS

Model	AutoSoft-3	AutoSoft-6	AutoSoft-8
Water Flow	3000 l/hr	6000 l/1.5hr	8000 l/1hr
Dimension (DxWxH)	Area Occupied 4 X 5 Ft	Area Occupied 4 X 5 Ft	Area Occupied 6 X 6 Ft
Inlet water pressure	1.5 to 3.5 kg/cm2	1.5 to 3.5 kg/cm2	1.5 to 3.5 kg/cm2
Inlet Max Hardness (As CaCO3)	800 ppm (parts per million)	800 ppm (parts per million)	800 ppm (parts per million)
Treated Water Hardness (As CaCO3)	<50 ppm	<50 ppm	<50 ppm
Inlet/Outlet connection Size	1 inch	1 inch	1 inch
Drain Line	0.5 inch	0.5 inch	0.5 inch
Electric Supply	230 V AC/6 amp = 2 Points Electric	230 V AC/6 amp = 2 Points Electric	230 V AC/6 amp = 2 Points Electric
Treated Water Output at 500 ppm	4500 litres	9000 litres	20000 litres
Salt Capacity	200 kg	200 kg	200 kg
Purple Resin Quantity	45 litres	90 litres	200 litres
Installation Footprint	Area Occupied 4 X 5 Ft	Area Occupied 4 X 5 Ft	Area Occupied 6 X 6 Ft
Softener Vessels	Composite Filament Wound Resin Vessel and HDPE Brine Tank	Composite Filament Wound Resin Vessel and HDPE Brine Tank	Composite Filament Wound Resin Vessel and HDPE Brine Tank
Process Valve	Fully Automatic Programmable	Fully Automatic Programmable	Fully Automatic Programmable
Regeneration Pump	Self Priming Pump (With Inbuild NRV)	Self Priming Pump (With Inbuild NRV)	Self Priming Pump (With Inbuild NRV)
Salt per Recharge in kgs	7	14	30

\*IonExchange (I) Ltd reserves the rights for any amendments or modifications or changes in the above mentioned technical specifications without any notice

\*Under standard test conditions



## AUTOMATIC FILTRATION SYSTEM THAT ENSURES MUD-FREE WATER

### Features

- Automatic backwashing ensures consistent water quality

### TECHNICAL SPECIFICATIONS

Model	3AF
Tank size (pressure vessel)	13" x 54", 2.5" top opening
Flow rate up to	3.0 m <sup>3</sup> /h
Working pressure (kg/cm <sup>2</sup> )	1.8 (min.) and 3.5 (max.)
Multi-grade filter media	High-Grade Sand, Garnet and Silex
Inlet outlet fitting and drain fitting	1" female thread
Electrical supply requirement	230 V AC, 6 Amp
Process valve	Fully programmable automatic valve powered by 12 VDC/1.5 Amp adaptor
Inlet turbidity and turbidity reduction	<20 NTU, more than 50%
Inlet suspended solid	<25 ppm
Suspended solid reduction	Up to 80%

- \* Ion Exchange (I) Ltd reserves the rights for any amendments or modifications or changes in the above mentioned technical specifications without any notice  
\* Under standard test conditions





# NEW GENERATION ACTIVATED CARBON



Enhances performance of softener & larger RO



### Automatic Filter

An automatic water filter with an experience of enhanced performance, user friendliness and assurance on the quality of treated water.



Programmed backwashing requires no user interface.



Automatic backwashing ensure consistence water quality

## Features

- For removal of chlorine, undesirable colour & odour from water

## TECHNICAL SPECIFICATIONS

Model	3ACF
Tank size (Pressure vessel)	13" x 54", 2.5" top opening
Flow rate up to	3.0 m <sup>3</sup> /h
Working pressure (Kg/cm <sup>2</sup> )	
Minimum	1.8
Maximum	3.5
Filter media	Activated carbon & Coarse Silex
Inlet, Outlet & Drain fitting	1"
Electric supply requirement	230VAC, 6AMP
Process valve	Fully programmable automatic valve powered by 12VDC/1.5 AMP adaptor
Outlet Chlorine	Nil
Outlet Colour, Odor	Nil
Inlet chlorine	1ppm

\*NOTE - Minimum 1.8 kg/cm<sup>2</sup> water pressure is required for Auto carbon filter operation.  
Pressure drop of the Auto carbon filter at specified flow rate is around 0.8Kg/cm<sup>2</sup>.  
Technical specifications are subject to change without prior notice

# NOW HAVE IRON FREE WATER



Automatic backwashing ensure consistence water quality



### Automatic Filter

An automatic water filter with an experience of enhanced performance, user friendliness and assurance on the quality of treated water.



### Water Saving

Saves water compared to conventional media



No User Interface



## Features

- Uses Indion ISR Resin.
- Removes dissolved iron from water.
- Indion ISR Resin - Approved By CSIR, Food Grade, Light Weight, Easy To Wash.
- Saves water compared to conventional media.
- Enhances performance of softener and larger RO.
- Automatic backwashing ensures consistence water quality.

## Technical Specification

Model	3 Auto NGIF
Tank size (Pressure vessel)	14" x 65", 2.5" Top Opening
Flow rate up to	3.0 m <sup>3</sup> /h
Working pressure (Kg/cm <sup>2</sup> )	
Minimum	2
Maximum	3.5
Filter media	ISR Resin & Coarse Silex
ISR resin (Liter)	110
Coarse Silex (Kg)	15
Output @5ppm Iron (m <sup>3</sup> )	22
Inlet, Outlet & Drain fitting	1"
Electric supply requirement	230VAC, 6 AMP
Process valve	Fully programmable automatic valve powered by 12VDC/1.5 AMP adaptor
Treated water Iron	<0.3 ppm

\*Under standard test conditions

# INDIA'S FIRST REMOVER EXCLUSIVELY DESIGNED FOR INDIAN HOUSEHOLDS



## D-FERROUS Iron Remover



Removes foul metallic taste from water



Keeps skin soft, glowing and healthy



Saves consumption of cooking gas



Pre-treatment for domestic RO water purifier upto 25 LPH

### TECHNICAL SPECIFICATIONS

MODEL	Flow (LPH)	Iron Level (ppm Max)	RO product Suitable	Output (Liters/Hours)	Backwashing time
Mini IR	30	2	TO 10 LPH	250	BACKWASH DAILY
POU IR	90	5	TO 30 LPH	350	
IR 10	1000	10	TO 300 LPH	5500	
IR 20	2000	10	FOR HIGHER CAPACITY RO PRODUCTS	10,000	Backwash for 20mins with 1.5 times service flow
IR 50	5000	10		34,000	
IR 75	7500	10		50,000	
IR 100	10,000	10		67,000	

\*Hardness removal: Iron Remover system to be installed before water softeners, if the hardness in raw water is more

\*Reducing Suspended Solids: Where SS content is more 10ppm Sand filter needs to be developed before the iron removal system



4 stage purification



Easy to wash, reusable sponge filter capsule



Auto shut-off germicidal cartridge with exhaust indicator



No Electricity Required

### Features

- User-friendly backwash valve that regulates all functions
- Retains fabric's colour, feel and texture

### TECHNICAL SPECIFICATIONS

Capacity of upper fill container	5 Litres
Capacity of Purified water container	10 Litres
Iron remover cartridge capacity	6000 Litres
Germicidal cartridge capacity	6000 Litres
Purifier flow rate	10 LPH
Germicide cartridge end indicator	Auto shut off or Red Strip
Net Weight	3.25 Kgs
Product Dimensions	610x320mm

\*Ion Exchange (India) Ltd. reserves the rights for any amendments or modification or changes in Product technical specification & Product representation without further notice

### Reverse Osmosis (RO) Technology

A multi-stage purification process used to remove a majority of contaminants from water by pushing the water under pressure through a semi-permeable membrane.

### UltraViolet (UV) Technology

In this technology, water is made to pass through invisible Ultraviolet (UV) light emitted by a UV light source placed in front of a flow chamber which destroys the harmful microbiological impurities present in the water.

### ESS Technology

Conventional water purifiers do not have means or device to prevent microbial growth on the filtering element. Also, post disinfection or a post purifier to prevent recontamination of water arising from an outside environment, do not provide residual protection. Hence, purifier elements are replaced from time to time to control biofilm build up or sanitization is carried with oxidizing chemicals, which is cumbersome and time consuming.

ESS (Electrolytic Sanitizing System) is a patented technology in which small amount of silver ions are released at regular intervals to sanitize the entire system. It protects the purified water from recontamination of water for a week and prevents slime formation in storage water tank, which is superior to UV + UF Technology.

### HRR

A strong drawback of RO technology is that a large percentage of water is wasted for the purifying process. The RO membrane recovers good

water to the extent of maximum 30%, remaining 70% is rejected. Also purified water can get again contaminated due to external factors.

In a RO process the best recoveries recommended by the RO membrane manufacturers is 15%-20% from a single membrane. An innovative HRR, High Recovery RO process, specifically Water Saver Cartridge (WSC) releases ingredients that keep the surface of membrane clean, kill the microbes and hence allows the process to be operated at high recovery levels. Recovery is as high as 70 % from a single RO membrane, it also saves more than 80% of water compared to conventional RO purifiers.

HRR is certified by an NABL accredited lab for chemical contaminant removal, pesticide removal, bacteria, virus removal, shelf life of product water, and for HRR claims.

### PURPLE RESIN

Ion Exchange is India's first company to introduce softeners with highly reliable Food Grade and ZRNAF resin. This resin prevents entry of spurious and harmful replacement media, whenever it is replaced after its life cycle. Unique purple colour differentiates it from locally available industrial resin that is not suited for residential purposes.

### SURAKSHA RESIN

Kills bacteria and viruses that cause water-borne diseases.

## OUR PRODUCTION FACILITIES



Ankleshwar, Gujarat for  
Ion Exchange Resins



Hosur, Tamil Nadu for  
Packaged Water & Waste  
Water Treatment Systems



Patancheru, Telangana for  
Specialty Chemicals



Verna, Goa for Packaged  
Pre-engineered Water  
Treatment Plants & Membranes



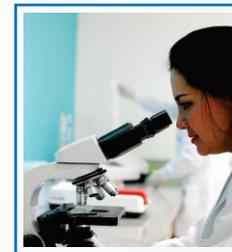
Rabale, Maharashtra for  
Custom-built Plants & EOU



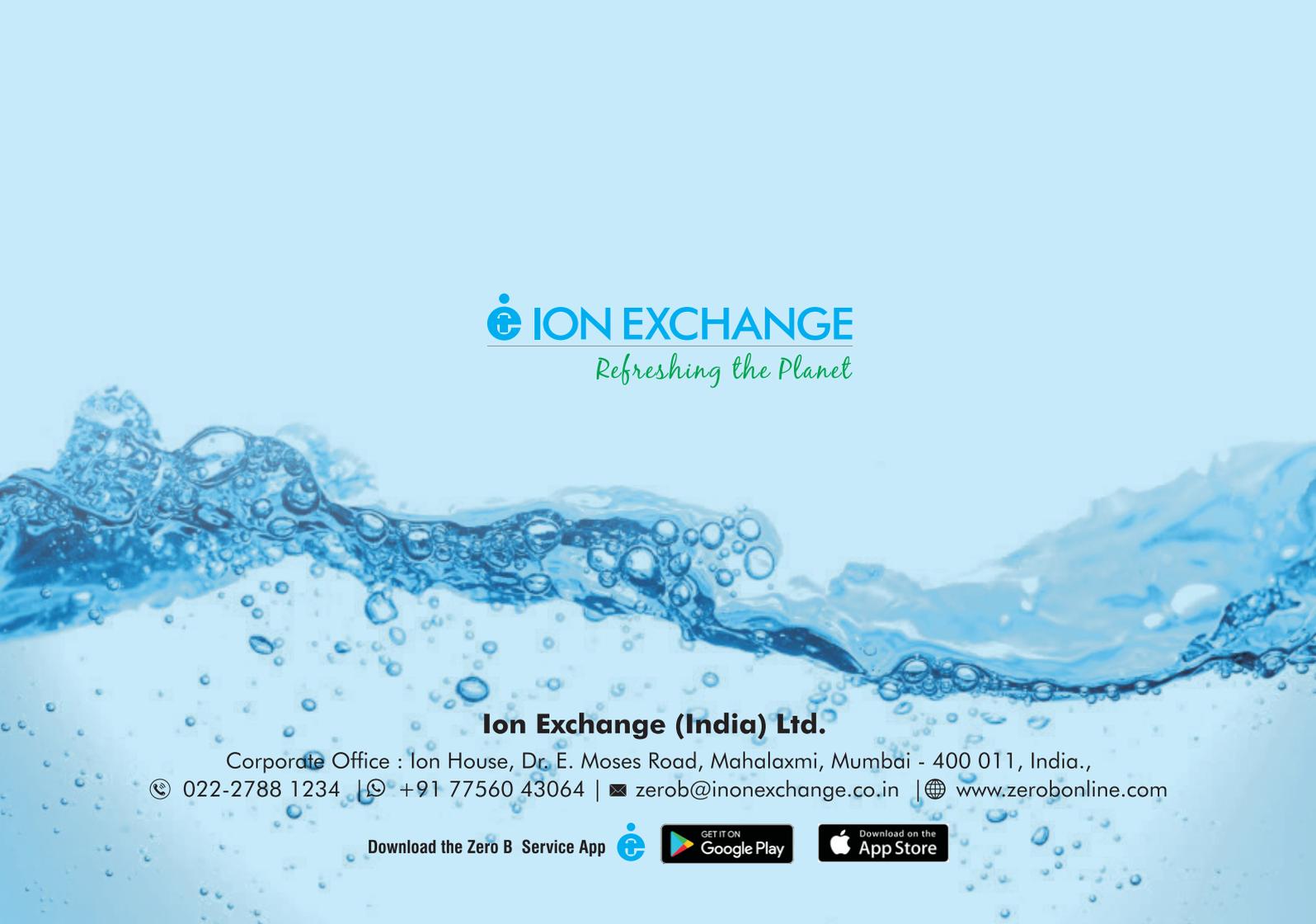
Wada, Maharashtra for  
Engineered Composites  
& Structures



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- Over 10 Patents • Over 100 Products Launched



**ION EXCHANGE**  
*Refreshing the Planet*

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