35+ YEARS OF TRUST

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



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"

ZERO B™
PURE WATER SOLUTIONS

35+ YEARS OF TRUST



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 continues 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

ZERO B
PURE WATER SOLUTIONS

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
* 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

ZERO B
PURE WATER SOLUTIONS

ZERO B SECURE

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

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

ZERO B
PURE WATER SOLUTIONS

ZERO B SECURE

SANITIZER

World Health Organization
Recommended Formula



Alcohol Base
80%

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

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

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

Made in India

ZERO B
PURE WATER SOLUTIONS

UV GRANDE

ZERO B UV Grande+

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.



Active Silver Technology

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	1LPM
Inlet Pressure	0.5 to 2.0kg/cm²	0.5 to 2.0kg/cm²
Power Rating	20 Watts	20 Watts
Storage Tank Capacity	**4 Liters**	**6 Liters**

* 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

USP

Clean, Safe & Pure water 24X7

ZERO B
PURE WATER SOLUTIONS

ZERO B
UV Grande 2.x

A SMART WATER PURIFIER FOR YOUR HOME

Next Gen UV Technology
The 4 stage UV water purification systemparalyses 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/cm2
Power Rating	20 Watts
UV Lamp	11 Watts
UF Filter	Hollow Fibre
Storage Tank Capacity	6 Liters

USP

Detachable, Transaparent & Washable Water Tank.

ZERO B
PURE WATER SOLUTIONS

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
INLET WATER CONDITIONS	
Inlet opening	Inlet opening from your ½" BSP male thread connection
Inlet pressure	0.0-2.0 kg/cm2
Inlet water TDS	500 max
Turbidity	10 NTU
ELECTRIC SUPPLY	
Operating voltage	230V AC ± 10%, 50 Hz
Power Rating	35 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

*Under standard test conditions

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

SAVES 80% MORE WATER THAN REGULAR RO PURIFIERS

ecoRO
RO Water Purifier

RO TECHNOLOGY + HRR TECHNOLOGY + ESS

Active Silver Technology



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^2
Rejection Of Salts (TDS)	Up to 95%
Recovery Of Pure Water	Up to 70%
Water Saving	More than 80% water compared to other water purifieers
Pre-Filter	Comboblock with Filter Bag
Post RO Protection	E-Health catridge 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 Catridge	Nova Cartridge

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* Under standard test conditions

ZERO B
PURE WATER SOLUTIONS

Kitchenmate

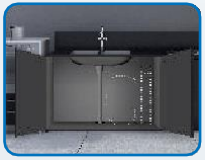
With ESS technology

RO TECHNOLOGY + ESS

Active Silver Technology



KITCHENMATE PLACEMENTS



SLEEK & COMPACT RO WATER PURIFIER FOR YOUR MODULAR KITCHEN

TECHNICAL SPECIFICATIONS

Purification flow rate	9*Litres/ Hour
Hydropneumatic tank capacity	8*Litres
Purification Stages	7 Stages
Inlet water TDS (Max)	1500 ppm
Inlet pressure (Min-Max)	0.5 to 2 kg/cm^2
Rejection of salt (TDS)	Up to 95%
Recovery of pure water	Up to 35%
Electrical power	230 VAC / 30 Watts max.
Pre-filter	Filter bag + Hi-Q filtration with ACF
Post RO protection	E-Health cartridge with ESS protection
Power Consumption	30 Watts
RO Membrane	1810x1
Dimension (L x W x H)(mm)	320 x 150 x 485
Hydropneumatic tank dimension (D x H) (mm)	267 x 368
Unit weight (kg)	11
Maximum recommended output	60 Litres/ Day

* Under standard test conditions

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ZERO B
PURE WATER SOLUTIONS

ZERO B Power RO

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



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^2
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 dimention (LXWXH)	330x320x400
Product Weight (Net)	12kg
Maximum Recommended Output	50 Litres/Day

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* Under standard test conditions

ZERO B
PURE WATER SOLUTIONS

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^2
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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* Under standard test conditions

ZERO B

Hydrolife



Enjoy the goodness of Alkaline & Hydrogen Water Crafter

Move towards a healthier life

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

#CraftYourWater

ZERO B
PURE WATER SOLUTIONS

BENEFITS



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
pH RANGE OF PRODUCT WATER	
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
Continous usage time	Not more than 30 minutes
Dimensions (WxDxH) mm	280 x 460 x 450
ELECTRIC SUPPLY	
Operating Voltage	230 ± 10% VAC
Power consumption(W)	175 Watts
Product Weight (Net)	13 kg Approximately
INLET WATER CONDITIONS	
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

* Under standard test conditions

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ZERO B
PURE WATER SOLUTIONS

Pristine | WAVE+

GET WATER THAT'S SAFE, TASTY & HEALTHY

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

TECHNICAL SPECIFICATIONS

Model	Pristine	Wave+
Purification flow rate	12* LPH	9* LPH
Storage tank capacity	7 Litres	7 Litres
Feed water TDS	1300 (Max)	1500 (Max)
Inlet pressure(Min-Max)	0.5 to 2 kg/cm^2	0.5 to 2 kg/cm^2
Rejection of salts	Up to 95%	Up to 95%
Recovery of pure water	Up to 30%	Up to 30%
Sediment filter	10 micron rated	10 micron rated
RO membrane	1810x1	1812x1
Power consumption	30 Watts (Max)	24 Watts (Max)
Dimension (LxWxH) (mm)	330 x 320 x 400	330 x 320 x 400
Unit weight (kg)	11	11
Maximum recommended output	70 Litres/Day	60 Litres/Day
Purification stage	6	6
RO booster pump	24 V DC	24 V DC

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* Under standard test conditions

ZERO B
PURE WATER SOLUTIONS

Intello

RO Water Purifier

RO + ESS

Active Silver Technology



Cartridge ALARM
Catridge Life
Indicator & Alarm

7 Stage
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^2	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

ZERO B
PURE WATER SOLUTIONS

ecosmart
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

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

Cartridge ALARM
Catridge Life Indicator & Alarm

Active Silver Technology

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 Catridge
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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ZERO B
PURE WATER SOLUTIONS

WALL-MOUNTED SOFTENERS FOR HOMES

Softenizer
POU WATER SOFTENER



TECHNICAL SPECIFICATIONS

Flow rate (Max.)	10 LPM
Max. allowable hardness in the raw water as CaCO3	500 ppm
Max. allowable hardness (outlet) in treated water as CaCO3	<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^2	0.5-2.0
Inlet port size	½" BSP
Dimension (Height x Dia) (mm)	550 x 150
Weight (kg)	6.85

*Under satndard tet conditions

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

ZERO B
PURE WATER SOLUTIONS

ZERO B Auto SOFT

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/cm2	1.5 to 3.5 kg/cm2
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 itres	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

ZERO B
PURE WATER SOLUTIONS

ZERO B Auto SOFT

AUTOSOFT - 3 & 6



Purple Resin Media

WATER AS SOFT AS THE MORNING DEW

TECHNICAL SPECIFICATIONS

Model	AutoSoft-3	AutoSoft-6
Water Flow	3000 l/hr	6000 l/1.5hr
Dimension (DxWxH)	Area Occupied 4 X 5 Ft	Area Occupied 4 X 5 Ft
Inlet water pressure	1.5 to 3.5 kg/cm2	1.5 to 3.5 kg/cm2
Inlet Max Hardness (As Caco3)	800 ppm (parts per milion)	800 ppm (parts per million)
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 = 2 Points Electric	230 V AC/6 amp = 2 Points Electric
Treated Water Output at 500 ppm	4500 litres	9000 litres
Salt Capacity	200 kg	200 kg
Purple Resin Quantity	45 litres	90 litres
Installation Footprint	Area Occupied 4 X 5 Ft	Area Occupied 4 X 5 Ft
Softener Vessels	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
Regeneration Pump	Self Priming Pump (With Inbuild NRV)	Self Priming Pump (With Inbuild NRV)
Salt per Recharge in kgs	7	14

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*Under standard test conditions

ZERO B
PURE WATER SOLUTIONS

ZERO B Auto SAND FILTER



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^3/h
Working pressure (kg/cm^2)	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%

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* Under standard test conditions

ZERO.B
PURE WATER SOLUTIONS

ZERO.B Auto CARBON
FILTER



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.

Automatic backwashing ensure consistence water quality

Programmed backwashing requires no user interface.

NEW GENERATION ACTIVATED CARBON

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^3/h
Working pressure (Kg/cm^2) Minimum Maximum	 1.8 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

*Under standard tst conditions

*NOTE – Minimum 1.8 kg/cm2 water pressure is required for Auto carbon filter operation.
Pressure drop of the Auto carbon filter at specified flow rate is around $0.8Kg/cm^2$.
Technical specifications are subject to change without prior notice

ZERO B
PURE WATER SOLUTIONS

NOW HAVE IRON FREE WATER



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^3/h
Working pressure (Kg/cm^2)	
Minimum	2
Maximum	3.5
Filter media	ISR Resin & Coarse Silex
ISR resin (Liter)	110
Coarse Silex (Kg)	15
Output @5ppm Iron (m^3)	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

ZERO B
PURE WATER SOLUTIONS



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 Backwash for 20mins with 1.5 times service flow
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	
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



ZERO B rakshak

- 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



OUR RESEARCH & DEVELOPMENT



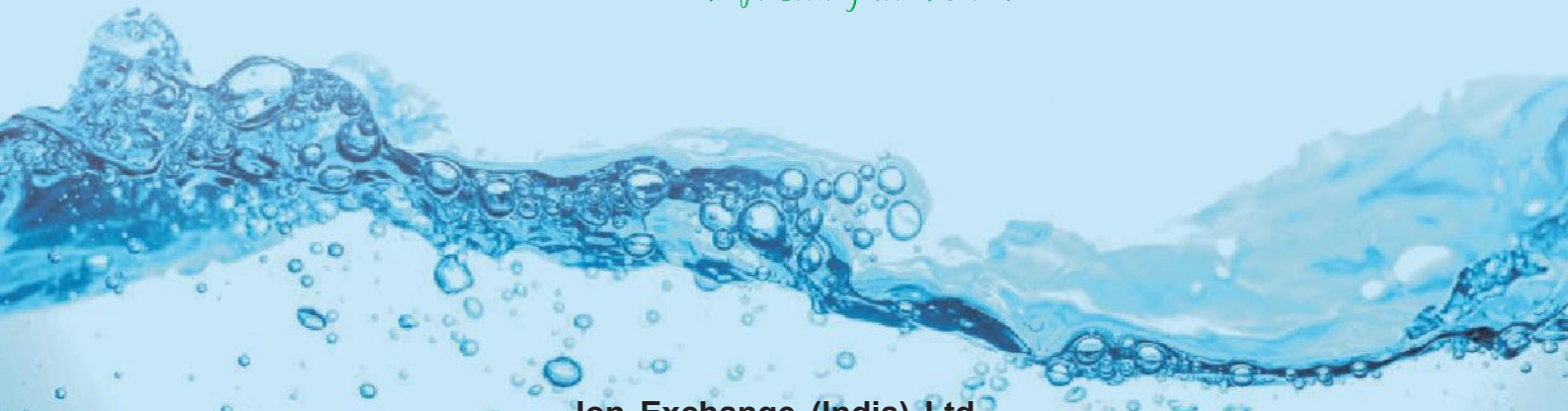




- In-House R&D since 1965
- Recognised by Department of Science & Technology in 1976
- R&D Centres • For Chemicals at Patancheru, Telangana
- For Engineering at Rabale, Maharashtra
- Over 80 Specialists working on R&D
- Over 10 Patents • Over 100 Products Launched

ION EXCHANGE

Refreshing the Planet



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