



Ion Exchange (India) Ltd.

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35
YEARS
OF TRUST

INDIA'S ORIGINAL WATER PURIFIER

ZERO.B™
PURE WATER SOLUTIONS



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, 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 your 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"



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**



- 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



- 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

Product image for Illustration purposes only. Actual product may vary.

UVGRANDE
UV Water Purifier

UVGRANDE 4L
UV Water Purifier



**WORLD'S FIRST UV WATER
PURIFIER EQUIPPED WITH
ESS TECHNOLOGY**

UV + ESS

- FEATURES**
- LED Smart Indicator - Indicates the health of water purifier and water quality

TECHNICAL SPECIFICATIONS		
Model	UV Grande	4L
Purification flow rate	1 Litre / Min	4 Litres / Min
Power rating (Max.)	20 Watts	30 Watts
Product dimension (L x W x H)(mm)	275 x 230 x 370	382 x 190 x 450
Inlet pressure (Min.-Max.)	0.5-2.0 kg/cm ²	0.5-2.0 kg/cm ²
Unit weight (kg)	4.4	6
Storage Tank Capacity	4 Ltrs	—

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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**

RO + HRR + ESS

Product image for Illustration purposes only. Actual product may vary.

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 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 Catridge	Nova Cartridge

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* Under standard test conditions

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

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* Under standard test conditions

Kitchenmate
With ESS technology

RO + ESS

**ESS - Patented and
Certified technology**
Ensures pure and
safe drinking water

**NO UV & UF
Filtration Processes**
Post RO purification,
ESS provides protection

**Pure and safe
drinking water**
Product water meets the
USEPA drinking water
standards and IS10500

TLC Valve
Ensures pump cut-off
whenever the tank is full

**KITCHENMATE
PLACEMENTS**

Product image for Illustration purposes only. Actual product may vary.

Sapphire

RO Water Purifier



**TDS + HEAVY
Metal Remover**

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



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

TECHNICAL SPECIFICATIONS

Purification	Reverse osmosis purification for High TDS RO
Purification Capacity	Upto 15 LPH
Product Dimension In Mm (L X W X H)	330 x 320 x 400
Prefilter	Filter bag + High Q filtration + carbon
Sediment Filter	5 to 10 micron
Nova Cartridge	Nova cartridge.
Ro Membrane	1812 X 2 High TDS RO Membrane
Post Carbon Catridge	Removes traces of odor, color & contaminants
Purification Stage	7 Stages
Operating Voltage	230 \pm 10% VAC
Power Consumption	36 Watts
Inlet Opening	1/2" BSP thread connection
Inlet Pressure	1-2 kg/cm ²
Feed Water Tds (ppm)	3000 max
Turbidity (ntu)	Less than 5
Total Hardness(ppm)	1000 max
Free Chlorine(ppm)	Nil
Silica(ppm)	Less than 20
Iron And Manganese(ppm)	Nil
Oil And Greece(ppm)	Nil

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**Purifies hardness
of 1000 PPM**



**2 X
enhanced Flow**



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

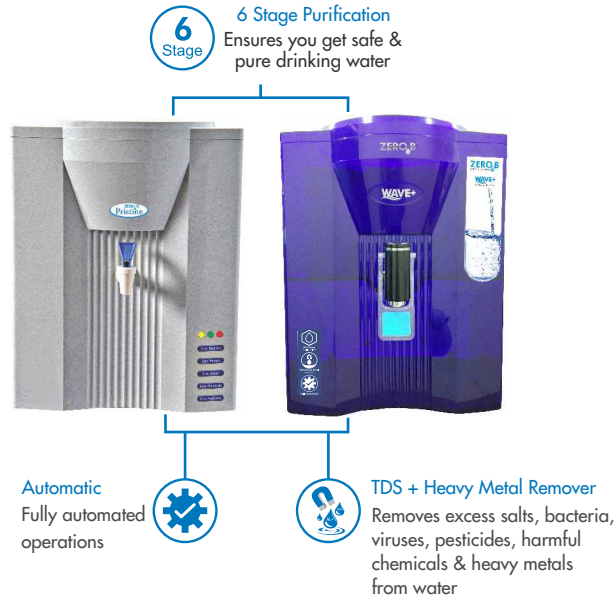


GET WATER THAT'S SAFE, TASTY & HEALTHY

TECHNICAL SPECIFICATIONS

Model	Wave+	Pristine
Purification flow rate	9* LPH	12* LPH
Storage tank capacity	7 Litres	7 Litres
Feed water TDS	1500 (Max)	1300 (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	1812x1	1810x1
Power consumption	24 Watts (Max)	30 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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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 H/V tank is not required.
For this special requirement please consult before ordering.
* Under standard test conditions



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ECO SMART RO Water Purifier

Ideal for Malls, Multiplexes, Restaurant, Etc.



HIGH CAPACITY RO PURIFIER WITH SMART ALERTS AND WATER SAVING

TECHNICAL SPECIFICATIONS

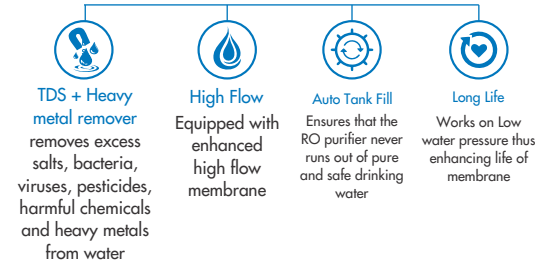
Model	50 LPH	100 LPH	150 LPH
Purification flow rate	50* Litres/Hour	100* Litres/Hour	150* Litres/Hour
Recovery of pure water	Up to 70%	Up to 70%	Up to 70%
Rejection of salts(TDS)	Up to 95%	Up to 95%	Up to 95%
Max. inlet water (TDS)	1500 ppm	1500 ppm	1500 ppm
Water saver cartridge	Nova Catridge	Nova Catridge	Nova Catridge
Post RO Purification	ESS	ESS	ESS
RO Membrane	3012 X 1	3012 X 2	3012 X 3
Dynamic monitor and Controller	TDS, cartridge life, power ON, no water and change cartridge	TDS, cartridge life, power ON, no water and change cartridge	TDS, cartridge life, power ON, no water and change cartridge
Dimension (L x W x H)(mm)	435 x 510 x 815	435 x 510 x 815	435 x 510 x 815
Unit weight (Kg)	32	34	36
Maximum recommended output	300 Litres/Day	600 Litres/Day	900 Litres/Day

* Under standard test conditions

Product image for Illustration purposes only. Actual product may vary.

Skid RO Water Purifier

Ideal for Large Families, Offices And Institutes



INDIA'S ONLY WATER PURIFIER WITH RO + ESS TECHNOLOGY

TECHNICAL SPECIFICATIONS

MODEL	15 LPH	25 LPH	50 LPH	60 LPH	100 LPH	150 LPH
Purification flow Rate	15 Litres /Hour	25 Litres /Hour	50 Litres /Hour	60 Litres /Hour	100 Litres /Hour	150 Litres /Hour
Inlet pressure (Min - Max)	0.5 - 2.0	0.5 - 2.0	1.0 - 2.0	1.0 - 2.0	1.0 - 2.0	1.0 - 2.0
Rejection of salt	Up to 95%	Up to 95%	Up to 95%	Up to 95%	Up to 95%	Up to 95%
Recovery of pure water	Up to 35%	Up to 35%	Up to 40%	Up to 40%	Up to 40%	Up to 40%
Sediment Filter	10 Microns x 1	10 Microns x 1	20 Microns x 1	20 Microns x 1	20 Microns x 1	20 Microns x 1
ACF	10"	10"	20"	20"	20"	20"
RO Membrane	1812 x 2	1812 x 3	1812 x 4	4021 x 1	4014 x 2	4021 x 2
UV	No	No	Yes	Yes	Yes	Yes
Dimensions (L X W X H)mm	300 x 300 x 540	300 x 300 x 540	450 x 470 x 895	450 x 470 x 895	450 x 470 x 895	450 x 470 x 895

Note: When ZeroB skid is to be used with a cooler / storage tank, the HN tank is not required. For this special requirement please consult before ordering
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Softenizer POU WATER SOFTENER



WALL-MOUNTED SOFTENERS FOR HOMES

TECHNICAL SPECIFICATIONS

Flow rate (Max.)	10 LPM
Max. allowable hardness in the raw water as CaCO ₃	500 ppm
Max. allowable hardness (outlet) in treated water as CaCO ₃	<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	1/2" BSP
Dimension (Height x Dia) (mm)	550 x 150
Weight (kg)	6.85

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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.

*Under standard test conditions

Product image for Illustration purposes only. Actual product may vary.

NGS Manual Softener



SOFTENERS TO SOFTEN HARD WATER AT HOMES, RESIDENTIAL COMPLEXES, HOTELS, ETC.

TECHNICAL SPECIFICATIONS

Model	3M	3MQ	6MQ	9MQ	14MQ	20B	30B	40B
Flow Rate (m ³ /hr)	3	3	6	9	10	20	30	40
Max working pressure kg/cm ² (Min.-Max.)	1.8-13.5	1.8-13.5	1.8-13.5	1.8-13.5	1.8-13.5	2.0-3.5	2.0-3.5	2.0-3.5
Output capacity per recharge (@200ppm hardness as CaCO ₃)	11	22	50	84	114	168	224	308
Salt Regeneration (Kgs)	8	16	28	48	72	96	128	176
Vessel dimension (Dia x Height) in inches	10x54	13x54	16x65	21x62	24x72	30x72	36x72	42x72
Resin type	ZRNaF	ZRNaF	220 NA	220 NA	220 NA	220 NA	220 NA	220 NA
Resin quantity (Litres)	45	90	175	300	400	600	800	1200

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Note: The product picture shown is available in 3M and 3MQ Model • Product look may vary for all other models
• NaF is NSF certified Food Grade Resin

*Under standard test conditions

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AUTOSOFT - 1 & 2



Product image for Illustration purposes only. Actual product may vary.

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 million)	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 - 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



Product image for Illustration purposes only. Actual product may vary.

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 million)	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

NGMA Carbon Filter



REMOVES CHLORINE, UNDESIRABLE COLOUR & ODOUR FROM WATER

Features

- FRP Pressure vessel (NGMF/NGMA) fitted with plastic internal fittings

TECHNICAL SPECIFICATIONS

Model		NGMA20	NGMA30	NGMA45	NGMA65	NGMA110	NGMA160
Max. flow (m ³ /h)		2	3	4.5	6.5	11	16
Inlet Free Chlorine	1.0 ppm	2	3	4.5	6.5	11	16
	3.5 ppm	1.1	2.3	3.5	5	8.3	11.8
Max working pressure (kg/cm ²)		3.5	3.5	3.5	3.5	3.5	3.5
Volume/backwash (m ³)		0.3	0.4	0.7	0.9	1.4	2
Vessel dimension (Dia x Height) in inches		13 x 54	16 x 65	21 x 62	24 x 72	30 x 72	36 x 72
Activated Carbon filter media (kg)		40	65	110	145	220	320

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 * Please Note:
 * The product picture shown is available in NGMA 20 Model
 * Product look may vary for all other models

Product image for Illustration purposes only. Actual product may vary.

AUTOMATIC FILTRATION SYSTEM THAT ENSURES MUD-FEVER 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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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 (Litres/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	
IR 50	5000	10		34,000	
IR 75	7500	10		50,000	Backwash for 20mins with 1.5 times service flow
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

Product image for Illustration purposes only. Actual product may vary.



4 stage purification



Easy to wash filter, 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.

INDROMATIC



Cartridge Purification Life
Gives 12000 Litres of bacteria and viruses free drinking water



Removes Physical Impurities
High quality filter efficiently removes mud, sand, dust and other suspended impurities, reduces turbidity by 70%



Iodinated Resin Technology
Permanently Kills bacteria and viruses that cause water-borne diseases like Polio, Hepatitis, Diarrhea, Typhoid and gives pure drinking water

PACKAGED REVERSE OSMOSIS SYSTEM

TECHNICAL SPECIFICATIONS	INDROMATIC					INDRO	
MODEL	401	402	403	404	405	802	803
Average permeate Flow (l/h)	200	400	600	800	1000	2000	3000
Average Recovery (%)	30	30	30	30	30	30	30
Maximum permissible TDS in feed (ppm)	2500	2500	2500	2500	2500	2500	2500
Average TDS Removal (%)	90 TO 95	90 TO 95	90 TO 95	90 TO 95	90 TO 95	90	90
Minimum feed pressure (kg/cm ²)	2.0	2.0	2.0	2.0	2.0	1.0	1.0
Power Supply	415V/50Hz	415V/50Hz	415V/50Hz	415V/50Hz	415V/50Hz	415V/50Hz	415V/50Hz
Drive motor (hp/rpm)	3.0/2900	3.0/2900	3.0/2900	3.0/2900	3.0/2900	5.5/10*2900	3.0/2900
Dimensions	Width (mm)	850	850	850	850		1200
	Depth (mm)	650	650	650	650	1100	440
	Height (mm)	1630	1630	1630	1630	2100	1600

Product image for Illustration purposes only. Actual product may vary.

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

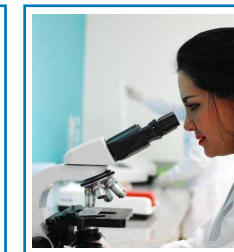


Rabale, Maharashtra for
Custom-built Plants & EOU



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