



ZERO B™
PURE WATER SOLUTIONS

Widest range of RO water purifiers and softeners from Asia's premier water treatment company





Innovation indeed to ensure PURE & SAFE Water for all

INTRODUCTION

Zero B has taken the utmost pride in safeguarding families, homes, businesses and smiles from the perils of impure water for the last half century!

We would like to take this opportunity to introduce Zero B, the Flagship brand of Ion Exchange (India) Ltd, the pioneer of the revolutionary water treatment technology, for the last 50 years. In India, with its strong national & international presence, Zero B has emerged as a premier Water and Environment Management Company. At Zero B, every product is crafted with meticulous attention to detail so that it provides ultimate protection against all water-borne diseases and ensures complete protection for your family.

Zero B has pioneered many path-breaking innovations in the field of technology and, marketing to provide a one stop water treatment 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.

The water purified by Zero B products is tested and certified, to conform to USEPA / IS standards, by several laboratories across the world. Ion Exchange (India) Ltd., has led virtually every breakthrough in the Indian market in the quest of fulfilling the company's vision: "A leader in our business which is so vital to people's lives and the environment".

Now results of years of innovation in water purifying 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.





OUR VISION

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

OUR MISSION

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

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 wellbeing of the community


ZERO B™
PURE WATER SOLUTIONS


ecoRO
RO Water Purifier


3X Higher Water Recovery


Zero B eco RO, gives 3 times higher pure water recovery compared to any other conventional RO purifiers. An international breakthrough in domestic RO purification technology, which reduces water wastage by 80%.





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3 times higher pure water recovery than any other conventional RO purifiers
- 


Reduces water wastage by 80%
- 

Sanitizes the water storage tank 24x7 to prevent germ build-up
- 

Purification process ensures more pure water for your health
- 

Prevents germ build up by automatically cleaning the purifier
- 

Energy stimulating water for healthy & energetic life
- 

Automatic power flush enhances membrane life
- 

Awarded Best Water R&D and Technological Breakthrough eco RO 2012-13 by UNESCO and WQA

FEATURES



WORLD'S ONLY
Up to 70% of pure water recovery



INTELLIGENT AUTO FILL
Ensures that the RO purifier never runs out of pure & safe drinking water



DOUBLE SAFETY
Provides additional safety by offering 100% germicidal protection



WALL MOUNT
Save your valuable kitchen space



LONGER LIFE
Works on low water pressure thus enhanced enhancing life of membrane



AFT
Enhances membrane life by automatically cleaning at regular intervals



CERTIFICATE
Product water meets USEPA drinking water standards & IS 10500



HIGH FLOW
Equipped with advanced high flow membrane



AUTOMATIC
Fully automatic operations



TDS + HEAVY METAL REMOVER
Removes excess salts bacteria, viruses, pesticides, harmful chemicals & heavy metals from water



ENERGIZED WATER
Energy stimulating water for healthy & energetic life



ESS TECHNOLOGY
Sanitizes the storage tank water 24x7 to prevent germ build-up. The only RO purifier in India to have this technology



PURE WATER
Converts salty water to pure, crystal clear, natural tasting drinking water



DETACHABLE STORAGE TANK
For easy cleaning and maintenance of the water tank

TECHNICAL SPECIFICATIONS

Purification Flow Rate	14* litres / hour
Storage Tank Capacity	6 litres
Water Saving	Upto 80% of input water
Max. Inlet Water (TDS)	1200 ppm (Subject to hardness of inlet water been less than 500 ppm)
Rejection of Salts (TDS)	Upto 95%
Recovery of Pure Water	Upto 70%
Sediment Filter	10 Micron
RO Membrane	Ultra low fouling 100 GPD
Dimension (l x w x h) (in mm)	275 x 230 x 370
Unit Weight	12 kg
Maximum Recommended Output	80 litres / day

*under standard test conditions"

ZERO B™
PURE WATER SOLUTIONS

Emerald
RO Water Purifier



Perfect blend of beauty and technology
Elegant, wall mount - perfect for your kitchen

FEATURES

- Beautiful glowing transparent 6 litres detachable storage tank for easy cleaning and maintenance of the water tank
- Enhances membrane life by automatically cleaning at regular intervals
- Removes excess salts, bacteria, viruses, pesticides, harmful chemicals & heavy metals from water
- Intelligent fill ensures the RO purifier never runs out of pure & safe drinking water
- Double safety to provides additional purification by offering 100% germicidal protection



HEPTAPURE TECHNOLOGY

Purification process that gives clear, safe & pure drinking water.



TDS + HEAVY METAL REMOVER

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



DETACHABLE STORAGE TANK

For easy cleaning and maintenance of the water tank.



HIGH FLOW

Equipped with advanced high flow membrane.

TECHNICAL SPECIFICATIONS

Purification Flow Rate	9* litres / hour
Storage Tank Capacity	6 litres
RO Membrane	80 GPD
Rejection of Salts (TDS)	Upto 95%
Recovery of Pure Water	Upto 35%
Max. Inlet Water (TDS)	1300 ppm (Subject to hardness of inlet water been less than 500 ppm)
Sediment Filter	10 Micron
Dimension (l x w x h) (in mm)	275 x 230 x 370
Unit Weight	11 kg
Maximum Recommended Output	60 litres / day

*under standard test conditions"

Kitchen Mate
RO Water Purifier



“My best mate in managing family's health and kitchen space”
now with **revolutionary ESS technology**

FEATURES

- Removes excess salts, bacteria, viruses, pesticides, harmful chemicals & heavy metals from water
- Works on low water pressure thus enhancing life of the membrane
- Double safety to provide additional purification by offering 100% germicidal protection
- With Hydropneumatic storage tank capacity of 6 litres. Provides pressurized water at a very high flow rate from the faucet



HEPTAPURE TECHNOLOGY

Purification process that gives clear, safe & pure drinking water.



TDS + HEAVY METAL REMOVER

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



INTELLIGENT AUTO FILL

Ensure that the RO purifier tank never runs out of pure & safe drinking water.



ESS TECHNOLOGY

World first technology that protect the storage tank water & prevent germ build up 24 x 7. Ensure pure & healthy water for you & your family always

TECHNICAL SPECIFICATIONS

Purification Flow Rate	9* litres / hour
Storage Tank Capacity	8 litres
Max. Inlet Water TDS	1300 ppm (Subject to hardness of inlet water been less than 500 ppm)
Rejection of Salts TDS	Upto 95%
Recovery of Pure water	Upto 35%
Dimension (l x w x h) (in mm)	305 x 220 x 372
Unit Weight	13 kg
Sediment Filter	10 Micron
RO Membrane	60 GPD
Hydropneumatic Tank	1.8 to 2.8 (Factory set)
Pressure in kg/cm ²	
Maximum Recommended Output	40 litres / day
Tank Dimension (Height x Dia)	340 x 240

*under standard test conditions”

ZERO B™
PURE WATER SOLUTIONS

Sapphire
RO Water Purifier



Multi stage purifier with 100% germicidal protection
Wall mount, compact giving your kitchen an aesthetic look

FEATURES

- Beautiful & glowing transparent detachable 6 litres tank, hence easy to use & clean
- Removes excess salts, bacteria, viruses, pesticides, harmful chemicals & heavy metals from water
- Tank full indicator
- Doubles Safety to provide additional purification by offering 100% germicidal protection
- Gives stimulating energized water for healthy & energetic life



HEPTA PURE TECHNOLOGY

Purification process that gives clear, safe & pure drinking water.



TDS + HEAVY METAL REMOVER

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



LONGER LIFE

Works on low water pressure thus ensuring enhancing life of membrane.



DETACHABLE STORAGE TANK

For easy cleaning and maintenance of the water tank.

TECHNICAL SPECIFICATIONS

Purification Flow Rate	9* litres / hour
Storage Tank Capacity	6 litres
RO Membrane	60 GPD
Rejection of Walts TDS	Upto 95%
Recovery of Pure Water	Upto 35%
Max. Inlet Water	TDS 1300 ppm (Subject to hardness of inlet water been less than 500 ppm)
Sediment Filter	10 Micron
Dimension (l x w x h) (in mm)	275 x 230 x 370
Unit Weight	11 kg
Maximum Recommended Output	50 litres / day

"under standard test conditions"



Water purifier that talks to you Equipped with intello monitoring system

FEATURES

- Pure, safe drinking water for your big family, hotels, restaurants, resorts, offices, factories, educational institutes, etc.
- ESS technology sanitizes the water storage tank 24 x 7 to prevent germ build up. The only RO purifier in India to have this technology
- Unique DMCS (Digital Monitoring and Controller system) technology that indicates the quality of output water, cartridge life, filter replacement alerts, flow rates, etc
- Auto flush timer enhances membrane life by automatically cleaning at regular intervals
- Dry run protection pump avoids unnecessary wastage of power by automatically shutting off when there is no water

TECHNICAL SPECIFICATIONS

Model	15 LPH	25 LPH
Purification Flow Rate	15* litres / hour	25* litres / hour
Storage Tank Capacity	8 litres	8 litres
Max. Inlet Water (TDS)	1500 ppm	1500 ppm
Rejection of Salts (TDS)	Upto 95%	Upto 95%
Recovery of Pure Water	Upto 35%	Upto 40%
Hydropneumatic Tank Pressure in kg/cm ²	1.8 to 2.8 (factory set)	1.8 to 2.8 (factory set)
Sediment Filter	10 micron	10 micron
RO Membrane	80 GPD x 2	80 GPD x 3
Dimension (l x w x h) (in mm)	445 x 275 x 410	445 x 275 x 410
Unit Weight	16.5 kg	17 kg
Tank Dimension (Height x Dia) mm	368 x 267	368 x 267
Maximum Recommended Output	150 litres / day	185 litres / day

*under standard test conditions"



HEPTAPURE TECHNOLOGY

Purification process that gives clear, safe & pure drinking water.



TDS + HEAVY METAL REMOVER

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



ESS TECHNOLOGY

Sanitizes the storage tank water 24x7 to prevent germ build-up. The only RO purifier in India to have this technology.



SMART INDICATOR

Purification process that gives clear, safe & pure drinking water.

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



High capacity RO purifier with smart alerts & water saving
Ideal for malls, multiplexes & restaurants, etc.

FEATURES

- HRR Technology gives 3 time higher pure water recovery than any other conventional RO purifiers
- Smart visual alerts, a unique dynamic monitor and controller indicated TDS level of output water, life of cartridges, tank full indication, and audio beep for no water
- Membrane life enhancer
- Reduce water wastage substantially
- Automatic power flush enhances membrane life

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	upto 70%	upto 70%	upto 70%
Rejection of Salts	upto 95%	upto 95%	upto 95%
Max Inlet Water (TDS)	1500 ppm (subject to hardness of inlet water being less than 500 ppm)	1500 ppm (subject to hardness of inlet water being less than 500 ppm)	1500 ppm (subject to hardness of inlet water being less than 500 ppm)
RO Membrane	300 GPD x 1 100 GPD	300 GPD x 2 100 GPD	300 GPD x 3 100 GPD
Water Saver Cartridge	20"	20"	20"
Post RO Purification	ESS	ESS	ESS
Digital Monitor Indications	TDS, Cartridge life Power ON, No Water, Change Cartridge	TDS, Cartridge life Power ON, No Water Change Cartridge	TDS, Cartridge life Power ON, No Water, Change Cartridge
Dimension (l x w x h) (in mm)	435 x 510 x 815	435 x 510 x 815	435 x 510 x 815
Unit Weight	32 kg	34 kg	36 kg
Maximum Recommended Output*	270 litres / day	545 litres / day	815 litres / day

*under standard test conditions"



WORLD'S ONLY
Up to 60% of pure water recovery.



ESS TECHNOLOGY
Sanitizes the storage tank water 24x7 to prevent germ build-up. The only RO purifier in India to have this technology.



SMART INDICATOR
Purification process that gives clear, safe & pure drinking water.



e health
Sanitizes the water storage tank 24x7 to prevent germ build-up.



Fully automatic RO purifier
Ideal for large families, offices & institutes

FEATURES

- Pure, safe drinking water for your big family, hotels, restaurants, resorts, offices, factories, educational institutes, etc
- Removes excess salts, bacteria, viruses, pesticides, harmful chemicals heavy metals, & TDS from water
- Auto Flush Timer periodically flushes to remove salt deposited on the membrane & thereof enhance the membrane life
- Dry run protection pump avoids unnecessary wastage of power by automatically shutting off when there is no water
- With Hydropneumatic storage tank capacity of 8 litres. Provides pressurized water at a very high flow rate from the faucet
- Recommended under the counter water purifier

TECHNICAL SPECIFICATIONS

Model	15 LPH	25LPH
Purification Flow Rate	15* litres / hour	25* litres / hour
Storage Tank Capacity	8 litres	8 litres
Sediment Filter	10 Micron	10 Micron
Inlet Pressure (Min-Max)	0.5 -2.0 kg / cm ²	0.5 -2.0 kg / cm ²
Rejection of Salts (TDS)	Upto 95%	Upto 95%
Recovery of Pure Water	Upto 35%	Upto 35%
RO Membrane x Nos.	80 GPD x 2	80 GPD x 3
Dimension (l x w x h) (in mm)	300 x 300 x 540	300 x 300 x 540
Unit Weight	16.5 kg	17 kg
Maximum Recommended Output	150 litres / day	185 litres / day

*under standard test conditions"



TDS + HEAVY METAL REMOVER

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



HIGH FLOW

Equipped with advanced high flow membrane .



INTELLIGENT AUTO FILL

Ensure that the RO purifier never runs out of pure & safe drinking water.



LONGER LIFE

Works on low water pressure thus ensures enhancing life of membrane.

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



High capacity RO purifier
Ideal for large families, offices & Institutes

FEATURES

- Pure, safe drinking water for your big family, hotels, restaurants, resorts, offices, factories, educational institutes, etc
- A unique dynamic controller indicates TDS level of output water, Tank full indication, and audio beep for no water
- Removes excess salts, bacteria, viruses, pesticides, harmful chemicals & heavy metals, TDS from water
- Auto Flush Timer periodically flushes to remove salt deposited on the membrane & thereof enhance the membrane life
- Dry run protection pump avoids unnecessary wastage of power by automatically shutting off when there is no water
- Final purification through ultra violet sterilization by UV disinfects water by paralyzing bacteria and viruses by ultra violet rays

TECHNICAL SPECIFICATIONS

Model	60 LPH	100 LPH	150 LPH
Purification Flow Rate	60 litres / hour	100 litres / hour	150 litres / hour
Inlet Pressure (Min-Max)	1.0 - 2.0	1.0 - 2.0	1.0 - 2.0
Rejection of Salts (TDS)	Upto 40%	Upto 95%	Upto 95%
Recovery of Pure Water	Upto 40%	Upto 40%	Upto 40%
RO Membrane (Size x No.)	850 GPD x 1	850 GPD x 2	850 GPD x 3
Sediment Filter	10 Micron	10 Micron	10 Micron
Softener with Brine Vessels	500 LPH	500 LPH	Recommended using softener
Dimension (l x w x h) (in mm)	450 x 470 x 895	450 x 470 x 895	450 x 470 x 895
Maximum Recommended Output	475 litres / day	650 litres / day	950 litres / day

"under standard test conditions"



TDS + HEAVY METAL REMOVER

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



HIGH FLOW

Equipped with advanced high flow membrane.



LONGER LIFE

Works on low water pressure thus ensures enhancing life of membrane.



AUTOMATIC

Fully automatic operations.

ZERO B™
PURE WATER SOLUTIONS

Auto Soft

Zero B Softener Automatic Water Conditioner Model 3AS / Model 6AS





Introduction

When there is excessive calcium and magnesium salts present in water it causes hard water.

Zero B Softener is the single solution for all hard water problems. This stylish and fully automatic softener cleanses every drop of water and making it free of hardness causing calcium and magnesium.

The all new Zero B softener - automatic water conditioners from Ion Exchange India Limited is meant to serve our customers to give them the experience of enhanced performance, user friendliness and assurance on the quality of treated water.

With its unique user friendly Display screen that shows working flow rate of softener, remaining softening capacity and other softener process stages such as Service , Backwash , Brine , slow rinse , fast rinse and brine refill the Zero B Softener is a true marvel indeed'.

The proprietary foodgrade Zero B softener resin is marked with a unique purple colour to prevent entry of spurious and harmful replacement media whenever it is replaced after its life cycle.



Distinctive features of Auto Softener



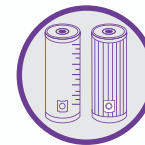
Prevents fabrics from losing their natural look and feel



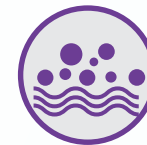
Reduces consumption of soap and shampoo



Reduced cooking time, consumption of gas



Water treatment for boiler feed and cooling tower



Removes suspended solids



Increases life span of kitchen appliances



Increases life span of expensive bathroom fittings



Reduces hair loss

Auto Soft Water Softener

Getting soft water now made easy
Softeners to soften hard water of homes, societies & hotels, etc



- NaF is Upgraded NSF Certified Food Grade Resin

BENEFITS

- The wholesome Softener that thinks and works for you
- Fast rinse ensures that the Softener is all set for softening once again
- Corrosion proof salt tanks for longer life
- User friendly auto valve screen shows process stages and output alerts
- Built-in no hard water bypass valve (NHBV) during recharging (Most softeners do not have a NHBV or have externally)
- An auto linked additional low power pump for recharging at night (Most softeners use customers raw water pump during recharging, this consumes huge power for almost 100mins)
- Food grade tamper proof softening resin - coloured resin to classify (Most softeners use Industrial grade resin - unsafe for consumption)
- Elegant styled and softener vessel body

TECHNICAL SPECIFICATIONS

Model	3AS	6AS
Flow Rates Upto	3.0 m ³ /h	6.0 m ³ /1.5h
Output / Regeneration m ³ Based On Feed Water Hardness 200 PPM CaCO ³	11@< 50 ppm Hardness	22 @< 50 ppm Hardness
Purple Resin Quantity (liters) ZR NaF	45	90
Coarse Silex (kg)	30	40
Cabinet Salt Capacity in kgs	100	100
Salt Per Recharge in kgs	7	14
Process Valve	Fully Automatic Programmable	Fully Automatic Programmable
Softener Vessels	Composite filament wound Resin vessel & HDPE brine tank	Composite filament wound Resin vessel & HDPE brine tank
Vessel Size	13" dia. * 54" Height, 2.5" Top Opening	14" dia. * 65" Height, 4" Top Opening
Regeneration Pump	Self priming pump (with inbuilt NRV)	Self priming pump (with inbuilt NRV)
Installation Footprint	4 x 5 sq. ft.	4 x 5 sq. ft.
Electric Supply Requirements	230VAC, 6Amp = 2 Electric Points	230VAC, 6Amp = 2 Electric Points



POU Softenizer Water Softener



The easiest way to soften hard water
Wall mounted softeners for homes - fits your geysers,
tap & washing machines, etc.

BENEFITS

- Gives the softest water that reduces hair loss and stops skin ailments
- Increases the life span of expensive bathroom and kitchen appliances
- Reduces plumbing problems with scale deposition on bathroom fittings
- Prevents fabrics from losing their natural look and feel; make utensils retain their shine for longer
- Prevents scale deposits on utensils. Increase life span & efficiency of appliances (geysers, steam irons, washing machines, etc.)
- Reduces cooking time & consumption of gas. Reduces fuel cost

TECHNICAL SPECIFICATIONS

Flow Rate (m ³ /hour) Maximum	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	300 ltr (@ hardness of 500 ppm) 600 ltr (@ hardness of 250 ppm)
Recharging Time	30 Minutes
Mode of Recharging	Manual
Recharging Material	Zero B Pelletized Recharging Salt
Min.- Max. Operating pressure	0.5 - 2 kg/ cm ²
Inlet Port Size	1/2" BSP
Dimension (in mm) (height x dia)	550 x 150
Weight	6.85 kg

Avail 4 sachet of Zero B Pelletized Recharging
Salt absolutely free with this product.

The POU Softenizer only 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

D-FERROUS Iron Remover

Shield against iron contaminated water designed for indian homes



BENEFITS

- D-FERROUS is India's first Iron Remover exclusive designed for Indian households
- Pre-treatment for domestic RO water purifier upto 25 LPH
- It is fitted with a unique user-friendly backwash valve that regulates all function
- D-FERROUS acts as an effective shield against Iron contamination in water by eliminating the iron precipitates
- Keeps skin soft, glowing and healthy
- Retains colour / Texture of fabric
- Saves on cooking gas consumption
- Removes foul metallic taste from water
- So give your family Iron free water at a fraction of the cost

TECHNICAL SPECIFICATIONS

Iron Remover Model	Flow (LPH)	Iron Level (PPM Max)	RO Product Suitable	Output (litres)	Backwashing Time
10" DF KIT	30	2	to 10 LPH	250	Backwash Daily @ 1.5 times service flow for 20 ,mins.
POU DF	90	5	to 30 LPH	350	

Softeners to soften Hard Water at Homes, Societies & Hotel, etc



Please note :

- The product picture shown is only available in 3M & 3MQ Model
- For all other models product look may vary at actual
- NaF is Upgraded NSF Certified Food Grade Resin

BENEFITS

- Water Treatment in Housing societies, hotels, shopping malls, and corporate parks, bungalows, Institutions, etc
- Pre Treatment for Reverse Osmosis plants, boiler feed and cooling towers
- Removes suspended solids, Turbidity from water
- Reduces hair loss and stops skin ailments
- Increases the life span of expensive bathroom fittings and kitchen appliances
- Reduces plumbing problems from scale deposition on bathroom fittings & tiles

TECHNICAL SPECIFICATIONS

Softener Model	3M	3MQ	6MQ	9MQ	14MQ
Flow Rate (m ³ /hour)	3	3	6	9	10
Working Pressure (m ³ /h) (Max-Min)	1.8 to 3.5	1.8 to 3.5	1.8 to 3.5	1.8 to 3.5	1.8 to 3.5
Output Capacity per recharge (@200 ppm hardness as CaCo ³)	14	28	50	84	130
Salt Regeneration (in kgs)	8	16	28	48	72
Dimension (in mm) Dia x Height	10 x 54	13 x 54	16 x 65	21 x 62	24 x 72
Resin Type	225 NaF	225 NaF	220 NA	220 NA	220 NA
Resin quantity (in litres)	45	90	175	300	400



New generation activated carbon
For removal of chlorine, undesirable colour & odor from water

BENEFITS

- Water treatment in housing societies, hotels, shopping malls, and corporate parks, bungalows, Institutions, etc
- Pre treatment for reverse osmosis plants, boiler feed and cooling towers removes chlorine from water
- Removes organic matter from water
- FRP pressure vessel (NGMF / NGMA) fitted with plastic internal fittings
- Set of plastic frontal piping & multiport valve
- Complete charge of suitable media and supporting under bed media
- One pressure gauge

TECHNICAL SPECIFICATIONS

Model	NGMA20	NGMA30	NGMA45	NGMA65	NGMA110	NGMA160
Flow Rate (m ³ /hour)	2	3	4.5	6.5	11	16
m ³ /hour Flowrate @ 1 ppm Inlet Free Chlorine	2	3	4.5	6.5	11	16
3.5 ppm Inlet Free Chlorine	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	0.3	0.4	0.7	0.9	1.4	2
Dimension (in inch) Dia x Height (Vessels)	12 x 48	16 x 65	21 x 62	24 x 72	30 x 72	36 x 72
Activated Carbon Filter Media (in kg)	40	65	110	145	220	320

Please note :

- The product picture shown is only available in NGMA 20 Model
- For all other models product look may vary from actual

NGMF Sand Filter



New generation multigrade filter
For removal of suspended particles

BENEFITS

- Pre - treatment for drinking water in housing societies, hotels and shopping malls
- Pre - treatment for Reverse Osmosis system
- Swimming pool filtration in housing societies and hotels
- Pre - treatment for cooling towers and boiler feed

TECHNICAL SPECIFICATIONS

Model	NGMF20	NGMF30	NGMF40	NGMF60	NGMF85	NGMF135	NGMF195
Flow Rate (m ³ /hour)	2	3	4	6	8.5	13.5	19.5
Max Working Pressure (kg/cm ²)	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Volume/Backwash (m ³ /h)	0.9	1.2	1.4	2.2	3	4.5	6.5
Dimension (in Inch)							
Dia x Height (Vessels)	12 x 48	14 x 65	16 x 65	21 x 62	24 x 72	30 x 72	36 x 72
Filter Media (in kg)	120	150	200	340	450	700	1000



Packaged reverse osmosis system
An economical way to obtain pure water from brackish water

FEATURES

- Compact MS unit with robust mild steel powder coated frame
- Efficiently removes upto 95% of total dissolved solids (TDS) or salinity to produce water that is pure, safe & clear
- Range of models with capacities from 200-3000 litres
- On-line instrument to monitor treated water quality
- The most economical & efficient method of dissolved solids removal
- Easy to startup and uses very little space on installation

TECHNICAL SPECIFICATIONS

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)	1500	2500	2500	2500	2500	2500	2500
Average TDS Removal (%)	90	90	90	90	90	90	90
Minimum Feed Pressure (Kg/cm²)	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Power Supply	220/230V 50Hz	415V 50Hz	415V 50Hz	415V 50Hz	415V 50Hz	415V 50Hz	415V 50Hz
Drive Motor (hp / rpm)	0.75/1450	3.0/2900	3.0/2900	3.0/2900	3.0/2900	5.5/10 x 2900	
Dimensions							
Width (mm)	545	1200	1200	1200	1200	1500	1500
Depth (mm)	440	440	440	440	440	1100	1100
Hight (mm)	1455	1600	1600	1600	1600	2100	2100



CARTRIDGE PURIFICATION LIFE
Gives 12000 litres of bacteria and viruses free drinking water.



REMOVES PHYSICAL IMPURITIES
High quality filter efficiently removes mud, sand, dust & 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 & gives pure drinking water.

ZERO B™
PURE WATER SOLUTIONS

UVGRANDE
UV Water Purifier



World's 1st UV water purifier equipped with ESS technology

FEATURES

- **NEXT GEN UV TECHNOLOGY**
The 6 stage UV water purification system paralyses diseases causing bacteria & viruses by disrupting genetic cell
- **AUTO TANK FILLING**
Ensure that the UV purifier never runs out of pure & safe drinking water
- **DETACHABLE STORAGE TANK**
Ensures to keep 4 litres water ready for use always & also gives you extra advantage for easy cleaning & maintenance of tank
- **ESS TECHNOLOGY**
Protects the tank water & prevents germ build up 24x7. Renders residual protection and better shelf life to the purified water by ruling out the recontamination and slime build up of bacterial growth
- **LED SMART INDICATOR**
Indicates the good health of water purifier & water quality
 - Power on : Blue LED • UV on : White LED • UV Pass : Green LED • UV Fail : Red LED



NEXT GEN UV TECHNOLOGY

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



ESS TECHNOLOGY

Protects the tank water & prevents germ build up 24x7. Renders residual protection and better shelf life to the purified water by ruling out the recontamination and slime build up of bacterial growth.



INTELLIGENT AUTO FILL

Ensures that the UV purifier never runs out of pure & safe drinking water.

TECHNICAL SPECIFICATIONS

Purification Flow Rate	1 litres/min
Power Rating	15w (max)
Product Dimension (l x w x h) (in mm)	275 x 230 x 370
Inlet Pressure (min-max)	0.5-2.0
kg/cm ² Weight	4.4 kg

Puriline 4L
Online Purifier



1000 glasses of pure water per hour
Ideal for schools, hotels & offices, etc.

FEATURES

- For safe & natural tasting water based on Zero B Resin Technology
- Eliminates disease causing bacteria and viruses
- Removes unwanted odour, taste & colour to give natural tasting water
- Globally acclaimed resin technology
- Requires no electricity
- Separate water meter to indicate capacity utilization
- Higher dispensing capacity of 4 litres per min
- Not only paralyses, but effectively eliminate bacteria and Viruses



CARTRIDGE PURIFICATION LIFE
Gives 40000 litres of bacteria and viruses free drinking water.



REMOVES PHYSICAL IMPURITIES
High quality filter efficiently removes mud, sand, dust & 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 & gives pure drinking water.

TECHNICAL SPECIFICATIONS

Purification Flow Rate	4 litres / min.
Cartridge Life	40,000 litres
Maximum Working Pressure	6.0 kg/cm sq.
Minimum Working Pressure	0.5 kg/cm sq.
Dimension (l x w x h) (in mm)	445 x 145 x 445
Weight	3.8 kgs (approx.)

The flow may reduce if the filter gets clogged or if the pressure is the line is low.

Note : Best to use when TDS of inlet water is 100 ppm or below and in absence of chlorine



Suraksha Plus Pro Storage water Purifier



4 stage storage water purifier
15 litres capacity - 3000 litres cartridge life

FEATURES

- High quality filter efficiently removes mud, sand, dust & other suspended impurities. Reduces turbidity by 70%
- Permanently kills bacteria and viruses that cause water-borne diseases like Polio, Hepatitis, Diarrhea, Typhoid & gives pure drinking water
- Silver impregnated activated carbon removes excess iodine, chlorine, organics, colour, odour and foul taste from water
- Gives 3000 litres* of bacteria and virus free pure drinking water
- Globally acclaimed Ion Exchange Resin Technology that kills bacteria & viruses fastest than any other purification process
- Requires no electricity & boiling Energy stimulating water for healthy & energetic life



REMOVES PHYSICAL IMPURITIES

High quality filter efficiently removes mud, sand, dust & 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 & gives pure drinking water.



4 STAGE PURIFICATION

4 Unique stage purification process gives pure and safe drinking water.



CARTRIDGE PURIFICATION LIFE

Gives 3000 liters* of bacteria and virus free pure drinking water.

TECHNICAL SPECIFICATIONS

Purification Flow Rate	15 LPH #
Storage Capacity	15 litres
Stages of Purification	4
Cartridge Purification Life	3000 litres*
Washable HI-Q filter	Polypropylene, Special HI-Q Filter media
Turbidity Removal	By 70 %
Dimension (w x h) (in mm)	610 x 320
Weight	2.4 kgs

Output water meets IS 10500 drinking water standard for disease causing water borne bacteria & virus removal

Note : Best to use when TDS of inlet water is 100 ppm or below and in absence of chlorine

*Cartridge Purification Life
Subject To Turbidity Level Of Water

ZERO B™
PURE WATER SOLUTIONS

Suraksha
Tap Attachment



Fits any tap size
Ensures 7500 litres bacteria free drinking water

FEATURES

- Tap attachment water purifier with globally acclaimed Resin Technology
- Gives 7500 litres of bacteria free pure drinking water (disinfected) at a flow rate of 2 litres/min
- Requires no electricity
- It gives residual protection



RESIN TECHNOLOGY

Kills bacteria & viruses that cause water-borne diseases and gives bacteria free drinking water.



PRODUCT PURIFICATION LIFE

Gives 7500 litres of bacteria free drinking water.



IN-BUILT INDICATOR

To indicate when the unit life is over.



FREE ADAPTOR INSIDE

Designed to fit any tap size.

TECHNICAL SPECIFICATIONS

Purification Flow Rate	2 litres/ min
Dimension (l x w x h) (in mm)	88 x 64 x 115
Weight	90 gms

Note : Best to use when TDS of inlet water is 100 ppm or below and in absence of chlorine

AWARDS



Water Digest Water Awards in association with UNESCO

- Best Complete Water Management Solutions Provider - Domestic & Institution (2013-14, 2014-15)
- Best Water Treatment - 'Water Treatment Chemicals' (2012-13)
- Best R&D & Technological Breakthrough - Zero B eco RO (2012-13)
- Complete Domestic Water Solutions Provider (2011-12)
- Distinguished Industrial Water Treatment Project (2011-12)



Water Digest Water Awards in association with UNESCO

- Best Water Treatment - Water Treatment Chemicals (2010-11)
- Best Water Treatment Project - Industrial (2010-11)
- Distinguished Water Purifier - RO (2009-10)
- Best Water Treatment - Chemicals (2008-09)
- Best RO Purifier (2006-07, 2007-08)
- Best Water Conservator - Waste Water Management (2006-07, 2007-08, 2008-09)
- Best Water Company with UNESCO (2006-07, 2007-08, 2008-09, 2009-10, 2011-12, 2012-13, 2013-14, 2014-15)



Frost & Sullivan

- 'Voice of Customer' in the Product Excellence in Water Treatment Chemicals Category (2010)
- India Excellence in Chemicals, Materials & Foods Award
- 'Market Penetration Leadership' in the Water & Wastewater Services Vertical (2010)
- Best Company in Water & Waste Water Treatment Segment (2009)
- Environment Excellence Awards

PPMAI Achievement Award

- Best Water Treatment Project - Industrial (2010-11)

Aqua Excellence Award

- Outstanding Contribution Towards the Cause of Waste Treatment & Environment Endeavour's - Private Sector (2011-12) - Ion Exchange Waterleau Limited

FICCI Award

- Best Manufacturing Practices - Resin Division, Ankleshwar (2011-12)

Mera Brand Awards

- Zero B as the Most Preferred RO Brand (for 4 consecutive years)



Our Production Facilities...



Ankleshwar, Gujarat for ion exchange resins



Hosur, Tamil Nadu for packaged water & waste water treatment systems



Patancheru, Andhra Pradesh 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 and structural

Our Research and Development



- In-House R&D Since 1965
- Recognised by Department of Science & Technology in 1973
- R & D centres
- For Chemicals at Patancheru, Andhra Pradesh
- For Engineering at Rabale, Maharashtra
- Over 80 specialists working on R&D
- Over 40 Patents
- Over 100 Products Launched



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Ion House, Dr. E. Moses Road, Mahalaxmi, Mumbai-400011,
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Email: zerob@ionexchange.co.in • Web: www.zerobonline.com

ZERO B Customer Care No.: 022 2788 1234

 **Zero B Water Purifier**  **Follow us on twitter at http://twitter.com/ZeroB_India**