

MB's NEHA™ Dosing Pump



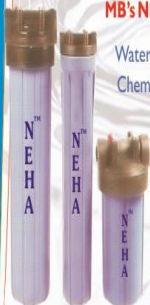
Chemical Dosing generally applies to feeding chemicals in small quantities in to the process fluid at specified intervals to give sufficient time for the chemical to react with the fluid for achieving the desired results. Auto doser is an electrical diaphragm pump which is used to accurately dose the desired chemical into the water. This pump effectively and uniformly injects the chemical into the water with very high level of consistency. This pump is used to dose oxidizing agents, antiscalant chemicals and others such chemicals required in water treatment processes. These pumps are of self-lubricating type capable of pumping chemicals of any viscosity at constant pressure and very high level of consistency irrespective of the suction pressure variations. The driving component in this pump is a flexible diaphragm. This feature is highly useful when hazardous, toxic and corrosive liquids are handled. Pumps for continuous flow are also designed and supplied by us as per requirements.

MB's NEHA™ UV Purifier

We offer a complete range of ultraviolet water disinfection systems. Of all available systems of water purification in the world today the most COMPREHENSIVE, the most EFFECTIVE, the most RELIABLE and the SAFEST is the Ultraviolet (UV) system of water disinfection. We use highly efficient Ultraviolet Water Disinfection systems (sterilizers) to inactivate bacteria and viruses present in the system. Ultraviolet water disinfection systems using advanced Teflon Tubing technology. This state-of-the-art technology overcomes all the disadvantages and limitations of traditional UV systems that use quartz sleeves or jackets to enclose UV lamps.



MB's NEHA™ Micron Filters



Water is not found in its purest form in nature. It is always contaminated with physical, Chemical & Biological impurities. Proper filtration is much importance in water purification. This micron filter normally used for post purification in IR and pre treatment for R.O Purifiers.

Our wide range of water filters are standing like watchdog to protect your system from clogging hazards. Sand Separators to remove silt, sand from your water, media filters to remove organic impurities like algae, trash, leaves from water and complete range of screen filters to remove any physical impurities from water are available in our filtration range.

Stable performance, maximum filtration efficiency and minimum maintenance are some of the common features of our micron filters.

MB's NEHA™ Swimming pool Filters

We offer technologically advanced swimming pool filtration plants that are designed to provide long-term, trouble free operation with easy maintenance. We also offer customization for our range as per the design and space requirements set by the client. We can use the following products for your pool: Pumps, Filters, Heaters, Pool lights & lighting systems, Automatic pool & spa control systems, Automatic pool cleaners, Spa accessories, Maintenance products.



MB's NEHA™ R O - The advance RO water purification system which converts tap water into just like mineral water.



*Complete water management commitment
to nature to keep it pure*



MB WATER TECHNOLOGIES

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MB's NEHA™ MIRACLE Iron Remover & Water Purifier Carbo - Quartz with I 100 IV

We have all seen it. Ugly, Reddish brown stains on bathroom walls, Fittings, Pipes, Utensils, Kitchen sinks, Ceramic tiles even on your clothes. And the culprit, is right in your home water. Iron contamination in water leads to a host of problems which make simple, everyday tasks difficult. Water containing more than 0.3 ppm of Iron is regarded as contaminated by the WHO. The rusty or brown stains on plumbing fixtures, fabrics, dishes, and utensils cannot be removed by soaps or detergents. Bleaches and alkaline builders (often sodium phosphate) can make the stains worse. Over time, iron deposits can build up in pressure tanks, water heaters, and pipelines, reducing the quantity and pressure of the water supply. Many Parts of India (particularly in Chennai) have much higher levels of Iron contamination.



MB's NEHA MIRACLE Line Model IR Installation

Physically iron is present in two forms - Dissolved State (Ferrous) and Suspended state (Ferric Oxide / Ferric Hydroxide). Dissolved iron cannot be filtered but suspended iron can be removed by filtration. Dissolved iron in order to be filtered should be effectively oxidized and converted into suspended iron. NEHA Miracle IR will remove both ferric and ferrous iron from the Raw water and gives Crystal clear water for Domestic, Commercial, Industrial and drinking water applications.

The IR filters that we manufacture are widely used to eliminate turbidity, suspended particles, colour, odour and iron that are available in raw water (Borewell, well & corporation water). These filters are known for their easy operation and gives clear water. Our filters are accurately designed to fulfill our client's specific requirements. The entire Range of NEHA Miracle IR is appreciated for its durability, simple installation and reliable performance. The Floor

Model Iron Remover filters comes with fiber glass reinforced plastic (FGRP) composite vessels that are 1/3rd of the weight of carbon steel. These filters are well recognized and are certified by NSF & PED. Our range of NEHA Miracle IR filters are as strong as steel and are reckoned for their excellent appearance & 100% corrosion resistant.

Advantages of MB's NEHA™ Miracle Iron Remover Filter

- Saves money on maintenance, power and fuel consumption
- Guards your family's health and hygiene
- Need no power, easy to install & easy maintenance only a periodical back wash is required
- Excellent multi grade media gives longer Service life & best purification (Carbo-Quartz I 100IV with Anthracite, Green sand, MnO₂, BIRM-Raw materials are used)
- Longer Media life: Refill will come for 3 to 4 year depends upon the maintenance of the system
- Backed by reliable after sales, Service by MB Water Technologies, Chennai-106

► **ONE YEAR GUARANTEE**



MB's NEHA MIRACLE 2000 lph IR Installation

MB's NEHA™ NOVA Ion Exchange Water Softener

We call water "hard" if it contains a lot of calcium or magnesium dissolved in it. Hard water causes lot of problems: It causes skin allergy, hair loss, lack of luster in hair, damages clothes, form scales in appliances and inside of pipes, water heaters, geysers, tiles and so on and reducing their life drastically.

The calcium and magnesium precipitate out of the water and stick to things. The scale doesn't conduct heat well and it also reduces the flow through pipes. Eventually, pipes can become completely clogged. It reacts with soap to form a sticky scum, and also reduces the soap's ability to lather. Since most of us like to wash with soap, hard water makes a bath or shower less productive.

The solution to hard water is to remove the calcium and magnesium, by using Ion Exchange water softener. It is usually a less costly solution.

The idea behind a water softener is simple. The calcium and magnesium ions in the water are replaced with sodium ions. Since

sodium does not precipitate out in pipes or react badly with soap, both the problems of hard water are eliminated. To do the ion replacement, the water in the house runs through a bed of small plastic beads or through a chemical matrix called zeolite. The beads or zeolite are covered with sodium ions. As the water flows past the sodium ions, they swap places with the calcium and magnesium ions. Eventually, the beads or zeolite contain nothing but calcium and magnesium and no sodium, and at this point they stop softening the water. It is then time to regenerate the beads or zeolite.

Regeneration involves soaking the beads or zeolite in a stream of sodium ions. Salt is sodium chloride, so the water softener mixes up a very strong brine solution and flushes it through the zeolite or beads. The strong brine displaces all of the calcium and magnesium that has built up in the zeolite or beads and replaces it again with sodium.

Multi-way Manual Valve used in IR & WS Filters

This valve adopts two slice pieces of high hardness and extreme flat surface ceramic polished pieces as moving parts rotating relatively when turning handle clockwise or counter clockwise to get different functions: filter, back wash, rinse brine suction & brine rinse.

Advantages of Multi-way Manual Valve

- Longer service life - Using wear -resistant high hardness ceramic material instead of plastic parts.
- Excellent seal capability - Due to high flat surface between ceramic parts prevent internal leak.
- Easy to operate - Easy to handle because of ceramic extreme flat surface (small friction coefficient)
- Innovative design - Adopts advanced ceramic material, rotary movement and high back wash flow for filtration.

► **ONE YEAR GUARANTEE**



MB's NEHA NOVA WS 5000 lph Installation



MB's NEHA NOVA 15000 lph WS Installation



MB's NEHA IR & WS 2000 lph Installation