

# BRING HOME PHYSICAL WATER SOFTENER FOR QUALITY LIFE !!!

**eco crystal**™

**WATER TREATMENT**

An ISO 9001:2015 Certified Company

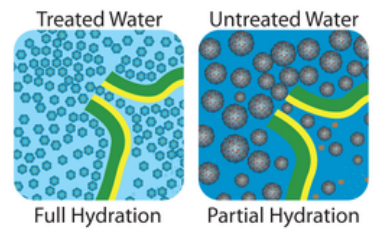
INDIA WATER QUALITY ASSOCIATION™



## Physical Water softener

It is a type of magnetic water softener that makes water behave like soft water without any change of water chemistry. When water passes through patented magnetic water treatment device of Eco Crystal, changes happen in crystal structure of water as well as some changes in physical quality of water that improves the performance of many domestic appliances.

- Benefits:**
- Water is hydrated as per the picture and has many health benefits
  - Improve life of the RO membrane
  - No scale formation



## Magnetizer in Utilities

### Washing Machine

### Geyser/ Bathroom

### Dishwasher

### Water Filter

- Saves detergent
- Leaves less traces of detergent on cloths
- Causes no discoloration
- Gives soft and Hygenic wash
- Scale free coil increasing the life and efficiency of the appliance

- Scale free coil increasing the life and efficiency of the appliance
- Reduces electricity bill
- When bathing your skin will feel softer not itchy and dry

- Saves detergent
- Clean and sparkling dishes
- Scale free tub and utensils

- No Scale on UV quartz tube to block the UV rays hitting the bacteria and virus for getting killed
- No blockage of solenoid valve from scale in hard water
- Better like of RO membranes
- The magnetically treated water is better hydrated and well absorbed in the body imparting so many health benefits.

# BENEFITS FROM APPLICATION OF MAGNETISER IN DOMESTIC UTILITIES

## Aqua Merit

### Benefits

#### AQUA MERIT IN WASHING MACHINE

- Saves detergent
- Leaves less traces of detergent on cloths
- Causes no dis-colorization
- Gives soft and hygienic wash
- Renders heater coil and tub scale-free

#### AQUA MERIT IN DISHWASHERS

- Saves detergent
- Clean and sparkling dishes
- Scale-free tub and utensils



## Aqua Geyser

### Benefits

- Saves electricity
- Protects heating coil from scale formation
- Reduces the maintenance cost of appliance



## Crystal Processor

### Crystal Processor 6ND



### Crystal Processor 10 ND

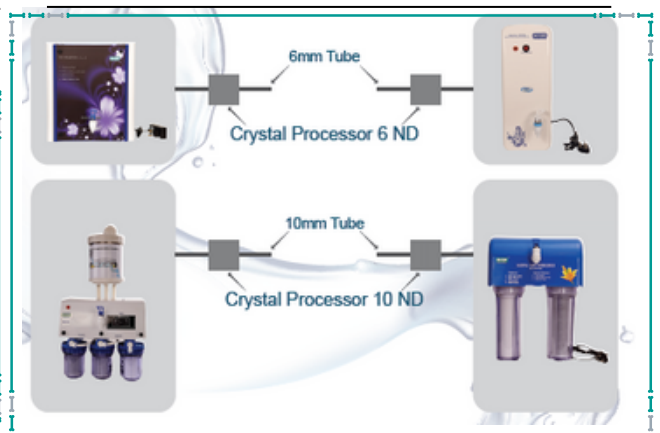


## How it works works ?

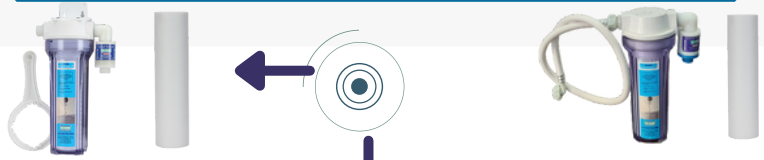
### Anti-scale properties

Magnetic poles of the water passing through the magnetic device are activated so that positive Ca-ions and negative carbonates ions are attracted and collide. There by CaCo<sub>3</sub> crystals corresponding to Aragonite are formed, These are microscopically small and flow with the water instead of forming scale. So the water is Physically softened.

## How to fix Crystal Processor in RO or Water purifier



# BENEFITS FROM APPLICATION OF MAGNETISER WITH FILTRATION IN UTILITIES



## FRESH 'N' CLEAN CP

- PP Cartridge (Removes dust particles)
  - 10" Housing, Magnetizer
- Note : For TDS below 200



## Fresh 'N' Clean CP-H

- PP Cartridge (Removes dust particles)
- 10" Housing, Magnetizer, Hose



## FRESH 'N' CLEAN CPR

- Half PP Half Resin cartridge (Removes dust particles & reduces hardness)
  - 10" Housing, Magnetizer
- Note : TDS below 400 ppm



## FRESH 'N' CLEAN CPR-H

- Half PP Half Resin cartridge (Removes dust particles & reduces hardness)
  - 10" Housing, Magnetizer, Hose
- Note : TDS below 400 ppm



## Fresh 'N' Clean CPRR

- Full Resin cartridge (Reduces hardness)
  - 10" Housing, Magnetizer
- Note : TDS below 800 ppm



## Fresh 'N' Clean CPRR-H

- Full Resin Cartridge (Reduce hardness)
  - 10" Housing, Magnetizer, with hose
- Note : TDS below 800 ppm



### Regeneration Procedure for CPRR cartridge one or two times in a month depending on water quality

- Take 300gms of salt for one ltr of water
- Dip the cartridge with salt water and hold for 40mins
- Take out the cartridge and fit in the housing
- Cartridge is now ready to deliver softwater



Hydro Ion

# Hydro Ion

## CLAMP ON TYPE MAGNETIZER FOR HIGHER WATER FLOW

No cutting of pipe. Just clamp on the pipe !

### FOR APPLICATION IN WATER FOR INDEPENDENT HOUSE

- Removes Old scales. Prevents new Deposits
- Without chemicals and maintenance free
- Environmental Friendly
- Water boils quickly
- Energy saving
- No blockage of shower holes
- Increase in life of Geyser coils,
- Washing Machine & Dishwasher
- Soap will work better more foam
- Detergent consumption will be come down
- 20% to 30% while washing clothes

### FOR APPLICATION IN COMMERCIAL WATER FILTER, INDUTRY AND REVERSE OSMOSIS

- Chilling Plant
- Generator Set
- Bottle washer
- Industrial Laundry
- Industrial Dish washer
- Big coffee Machines
- Sugar Industry
- Textile processing unit
- RO Water filetrs

SIZE	Pipe Dimension	SPECIFICATIONS				Maximum Flow (Ltr/min) at water hardness			
		D	L	B	H	< 180 ppm	180-400 ppm	400-600 ppm	
1/2 - inch	1/2 - inch	100	135	-	-	62	150	80	30
1 - inch	1 - inch	120	180	-	-	35	300	160	60
2 - inch	2 - inch	-	250	230	105	35	550	330	120
3-4 - inch	3-4 - inch	-	425	315	180	43	750	550	250
5-6 - inch	6 - inch	-	850	430	215	60	950	750	400
8 - inch	8 - inch	-	950	400	300	-	1200	950	650

Hydro Ion available upto 11"

NOTE : Hydro Ion does not remove anything from water or add anything either for drinking purpose water have to be filter and purifie

### CONTACT US

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