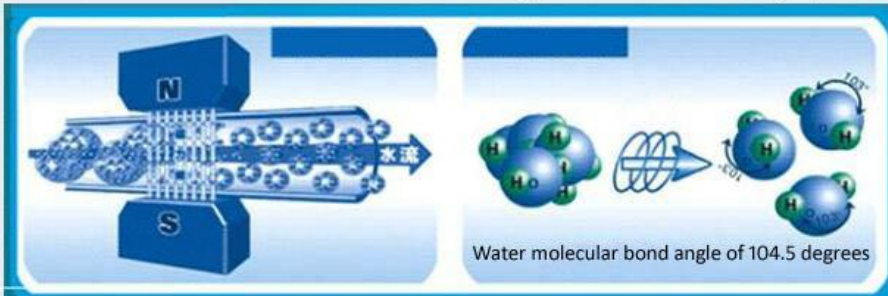




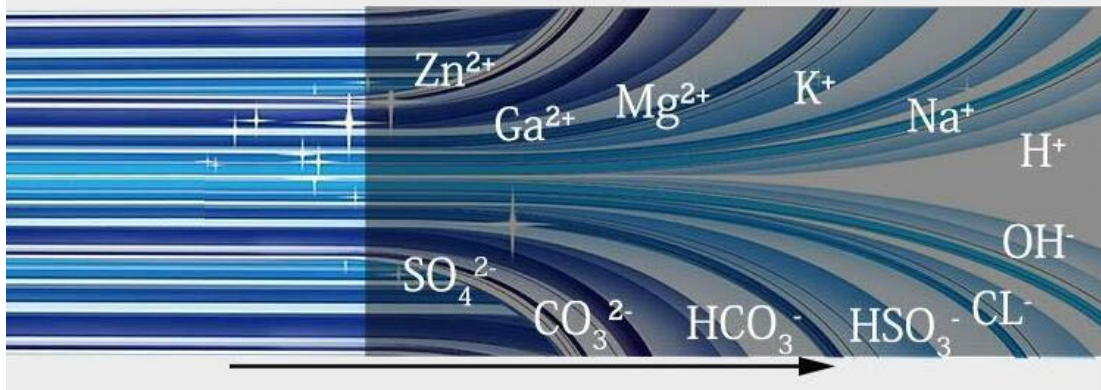
17 years of experience of developing  
and manufacturing

Magnetization schematic

Magnetization micrograph



The shadow part is the magnetic field

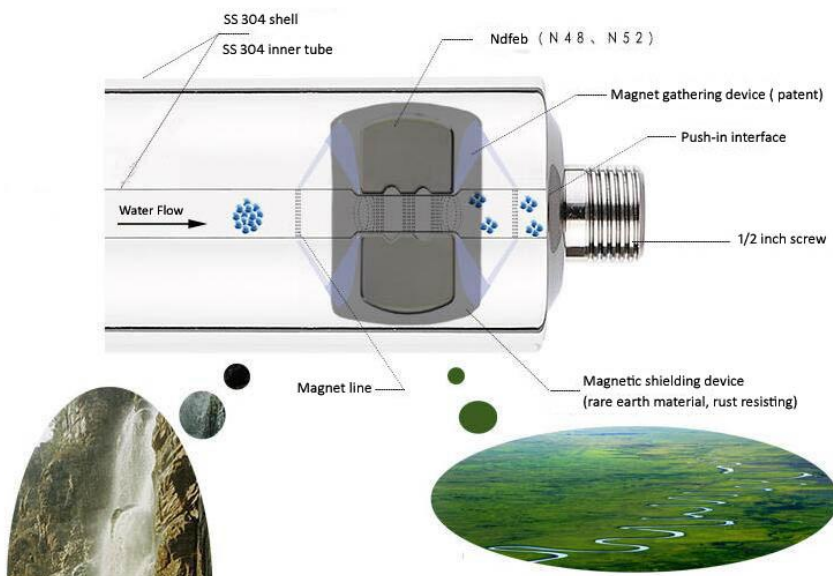


**Analysis:** charged particles through the strong magnetic field will produce Lorentz force and swiftly move to the side, positive ions and negative ions will move in the opposite direction. Under high speed and strong magnetic field, charged particles shot out like a bullet. This will cut and impact the water molecules. Then macromolecules will become small molecules, and after hitting, there will be a lot of oxygen with two electrons, called negative oxygen ions, also known as negative ions. Water itself is also weak electrolyte, can be affected by the Lorentz force, so the state of the water after magnetization can be maintained for a long time.

Whole house magnetization + permanent strong descaling  
COMING!!!



## What is Magnetizer?



Model	Connector port length(mm)	Total length(mm)	Diameter (mm)	Water flow (ton/hour)	Magnet quantity inside (pairs size)	Magnetic power for each pair (gause)
VR-WS-H-001	1/2 inch	110	38	1	1(L)	10000
VR-WS-H-002	1/2 inch	110	51	1	1(L)	10000
VR-WS-H-003	1/2 inch	220	51	1	2(L)	10000
VR-WS-H-004	1/2 inch	300	51	1	2(L)	10000
VR-WS-H-005	1/2 inch	320	51	1	2(L)	10000
VR-WS-H-006	1/2 inch	160	57	1	2(L)	10000
VR-WS-H-007	1/2 inch	236	57	1	2(L)	10000
VR-WS-H-008	1/2 inch	260	57	1	2(L)	10000
VR-WS-H-009	1/2 inch	320	57	1	3(L)	10000
VR-WS-H-010	1/2 inch	245	63	1	3(L)	10000
VR-WS-H-011	1/2 inch	260	63	1	3(L)	10000
VR-WS-H-012	1/2 inch	320	63	1	4(L)	10000
VR-WS-H-013	1/2 inch	345	63	1	4(L)	10000
VR-WS-H-014	1/2 inch	245	76	1	4(L)	10000
VR-WS-H-015	1/2 inch	260	76	1	4(L)	10000
VR-WS-H-016	1/2 inch	320	76	1	4(L)	10000

VR-WS-H-017	1/2 inch	345	76	1	4(L)	10000
VR-WS-H-018	1/2 inch	360	89	1	5(L)	10000
VR-WS-H-019	3/4 inch	260	57	2.5	2(XL)	7500
VR-WS-H-020	3/4 inch	280	57	2.5	4(XL)	7500
VR-WS-H-021	3/4 inch	320	57	2.5	2(XL)	7500
VR-WS-H-022	3/4 inch	260	76	2.5	3(XL)	7500
VR-WS-H-023	3/4 inch	320	76	2.5	4(XL)	7500
VR-WS-H-024	3/4 inch	380	76	2.5	5(XL)	7500
VR-WS-H-025	3/4 inch	380	89	2.5	5(XL)	7500
VR-WS-H-026	1 inch	260	63	5.5	24(M)	6500
VR-WS-H-027	1 inch	400	89	5.5	24(M)	6500
VR-WS-H-028	1.2 inch	260	76	10	18(M)	6500
VR-WS-H-029	1.5 inch	260	89	15	24(M)	6500
VR-WS-H-030	2 inch	400	89	15	30(M)	6500

## Magnetizer is not a filter, why do we still install the magnetizer?



1. The magnetizer is a water activation device, turn water into small molecule device. Water made into small molecules through filters can only exist for a short time, while small molecules out of magnetizer can be maintained for up to three months.



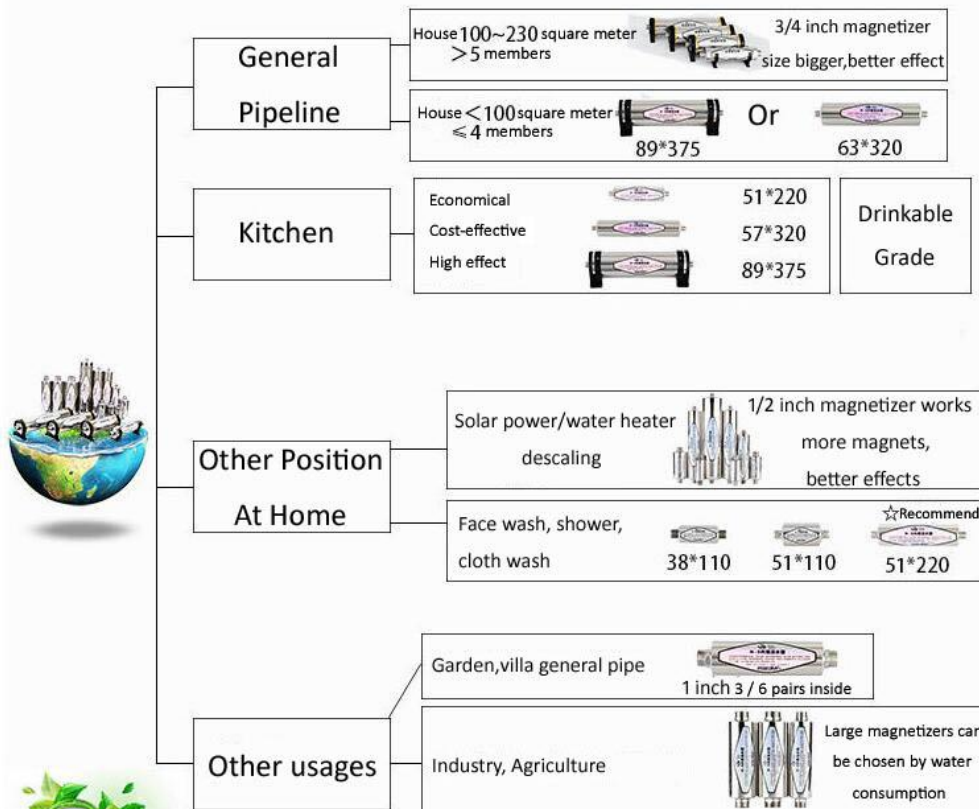
2. Magnetizer is physical sterilization (through Lorentz force to tear bacteria), sterilization rate can reach 99%, people can directly drink raw water without worrying about stomachache.

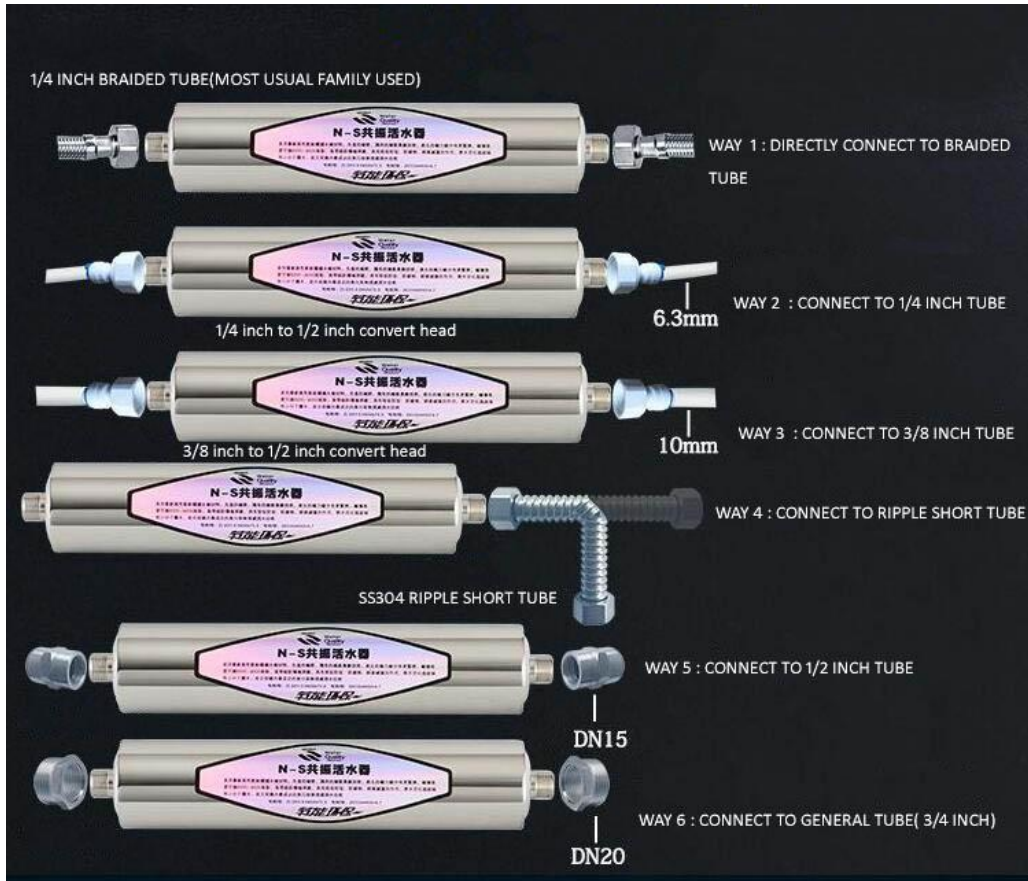
3. Magnetizer cleans scale by changing the water environment, which is pollution-free, no additional, purely physical cleaning method, it has 70 years of history, which is recognized as physical cleaning technology.

4. Magnetizer is the ideal negative ion generator, can make water rich in negative ions, negative ions on human health has a very important significance.



# How to choose a suitable magnetizer?





## Characteristics of magnetizer

- Energy saving and environmental protecting, stable performance, low prices
- Effect significant, installation easy, small space
- No power, no energy
- High-grade explosion-proof, magnetic shielding
- Automatic control, serve 50 years, trouble-free operation





Scale

Can rid off 80% of original scale, no longer let calcium and magnesium ions to form scale



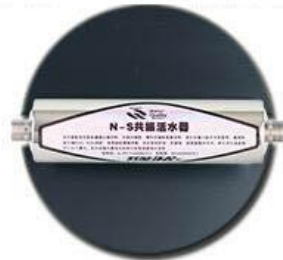
bacterial

Bacteria through the magnetic field be torn by Lorentz force, sterilization rate reach 99%



Vegetables rot

Vegetables washed by magnetized water can keep fresh longer



For core

The magnetizer can be used for 50 years, once installed, permanent benefit



Algae

Kill from the roots of algae, algae in the pipeline no longer breed

38\*110

51\*110

51\*220

57\*320

63\*320

89\*375

Face wash, shower, cloth wash grade

Drinkable grade

## 1. magnetized water is living water

Small molecules of water: particularly easy to absorb, add water to human body, attract people to love drinking water

Antibacterial water: improve water environment and negative ions attached to the bacteria will stop the bacteria to absorb nutrition and reproduction

## 2. There are drinkable negative ions in magnetized water

Use the most simple way of drinking to add anion to human body, keep healthy

### Magnetized water in daily life

1. Salted salt test: put some salt on white paper, and then put the white paper on the cup with magnetized water, magnetized water released energy can change the salty taste after 10 minutes
2. Remove the odor test: pour the high-energy magnetized water into the bathroom or in the refrigerator, half an hour later it can remove the smell in the toilet or refrigerator; put high-energy magnetized water into the fish tank, 20 minutes later the fish small can be removed
3. Cleaning oil test: put rags in the high-energy magnetized water for several minutes, use the same amount of water with the detergent, magnetized water cleans better
4. PH test: magnetized water is found increasing water PH by 0.2-0.8
5. Solubility test: respectively, in the same amount of tap water and magnetized water, keep on putting sugar, until there is left sugar in the bottom of the cup that can not be dissolved, magnetized water dissolves more sugar than tap water
6. Descale test: start using the magnetized water for the kettle with old scale, in a short period of time (within half a month) , will find the original scale gradually disappear

### Scale formation principle:

Calcium ions, Magnesium ions + Carbon Dioxide in water = Calcium Carbonate, Magnesium Carbonate (Scale)

### Descaling principle:

Calcium ion, magnesium ion + carbon dioxide in water (via magnetic field) = calcium bicarbonate, magnesium bicarbonate (easily dissolved)



## Wide ranges of usage for water magnetizers



### 1. Applied in industry

In general, steam boiling rooms are using boilers, where scale is easily deposited on inner wall of pipe or bottom of boiler, thus the function of the boilers blocked and extra cost is required to remove the scale. However, because of the special physical and chemical properties of magnetized water, it will change the presence of compounds in water, not only no scale deposition, but also soften and remove remaining scale.

Magnetized water is also used in a variety of high-temperature furnace cooling system, for improving the cooling efficiency, extend the life of the stove, it plays a very important role. Many chemical plants use magnetized water to speed up the chemical reaction and increase production.

### 2. Used in agriculture

Water planted with magnetized water, due to the higher oxygen content of magnetized water, smaller water molecules and better solubility, easier to dissolve some of the components of the soil. It is relatively easier to be absorbed by plants so plants making use of magnetized water plants grows better.



### 3. Application in the construction industry

Compared with the cement and stone mixture with ordinary water, that mixed with magnetized water can not only save the amount of cement and stone, but also mix the material more fully because of the high solubility. It's water resistance and strength is also better than ordinary water Mixed.



## Functions of magnetized water



For electric water heater, solar energy applications, it has anti-scaling effect



Convert metal pipe  $\text{Fe}_2\text{O}_3$  into  $\text{Fe}_2\text{O}_4$  with anti-corrosion effect, extend life of the water pipe



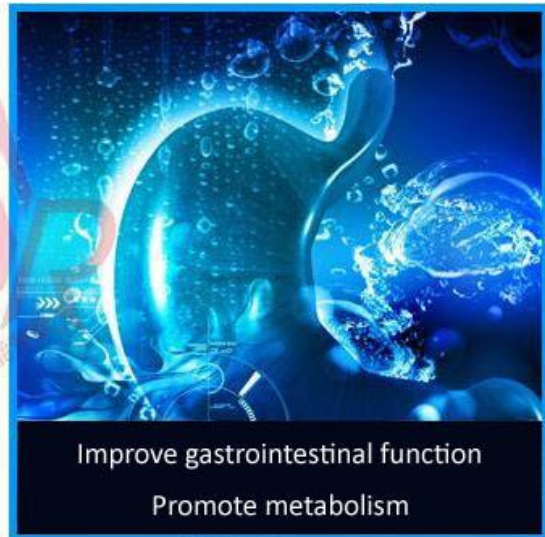
Used to wash clothes,  
saves 50% detergent



Used for bath, avoid acne  
make skin softer and smoother  
deep moisturizing, prevent hair loss, reduce dandruff



Mouthwash, remove dental calculus,  
Prevent gingivitis, help nutrition absorption



Improve gastrointestinal function  
Promote metabolism

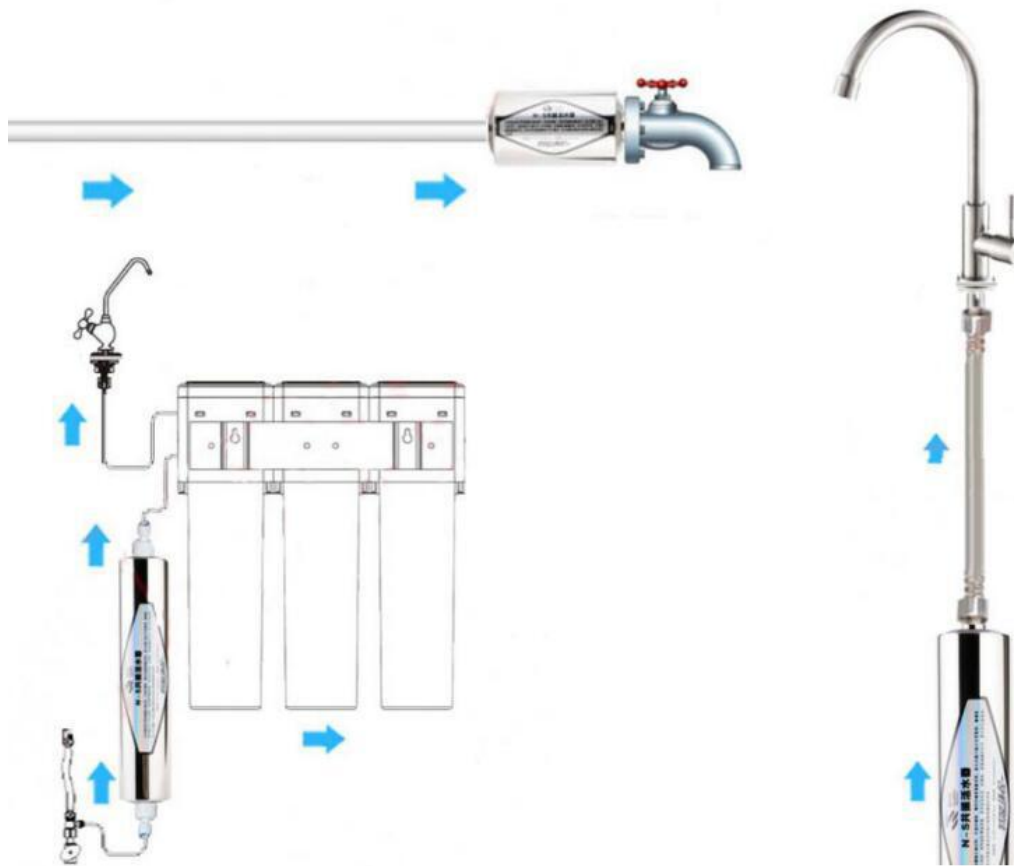
High quality life that magnetized water brings



High efficiency that magnetized water brings



## Customers installed magnetizers



1.High energy magnetizer is generally installed in the main channel, in front of all equipments that use water, to offer magnetized water to whole house. But can also install in the soft tube inlet or outlet of water purifiers, or under the shower heads.

2.Since it has advantages of simple installation, space saving, it can also be installed in each water using equipment's inlet or outlet areas.

3.Because there is possibility of reduction of magnetized water, the distance between magnetizer and equipments should not exceed 30 meters, the closer, the better.

4.The most suitable temperature for the magnetizer is not over 80 degrees celsius, if it has to be over 80, then customers need high temperature products.

5.After installation, confirm the connection is solid and water source has been connected, check if there is any leakage in the position of connection. Start using after all these are confirmed ok.

6.Non-professional personnel is not allowed to take magnetizers apart, in case of damaging.

