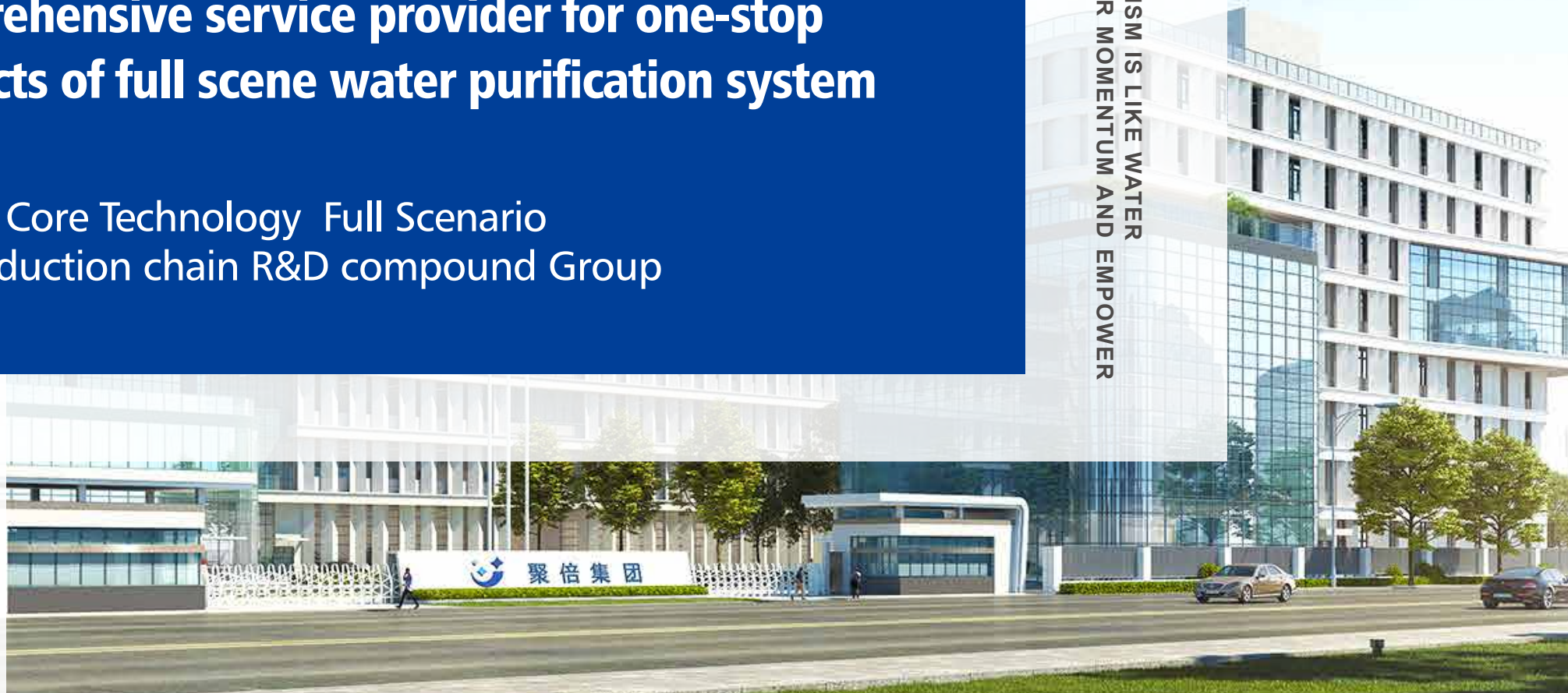
聚倍科技集团
JUBEI TECHNOLOGY GROUP

Comprehensive service provider for one-stop products of full scene water purification system

Control Core Technology Full Scenario
Full production chain R&D compound Group

ALTRUISM IS LIKE WATER
GATHER MOMENTUM AND EMPOWER



/// Company profile

Jubei Group is the world's leading comprehensive service provider of full scenario water purification system station type products, focusing on the development of cutting-edge technology, material research, intelligent research, industrial design, terminal equipment research and development, creating an intelligent manufacturing platform and supply chain ecosystem for the whole industrial chain production, and empowering its Beishi, Beirui, Beihuang Jincheng and other enterprises and institutions and more than ten subsidiaries jointly provide product and valued services for global first-line brands.

Leader unit for drafting 7 industry group standards of National Health Industry Enterprise Management Association

- ★ Household and similar pre filters without disassembly and cleaning (group standard drafting team leader)
- ★ Purified shower for household and similar purposes (vice group leader in drafting group standards)
- ★ Ultrasonic water leakage protector for household and similar purposes (group standard drafting team leader)
- ★ Household and similar water scale inhibition filters (group standard drafting team
- ★ Intelligent Internet of Things prefilter for household and similar purposes (group standard drafting team leader)
- ★ Prefilter（group standard drafting team leader）
- ★ Deputy leader unit of the group standard of （effluent quality standard of water quality processor）

600 +
National patented technology

500 +
The common choice of first-line brands

1500 Million
Units annual manufacturing capacity

7 Industry
Group standards drafting team leader units

8 years of continuous doubling growth

Pre-filter

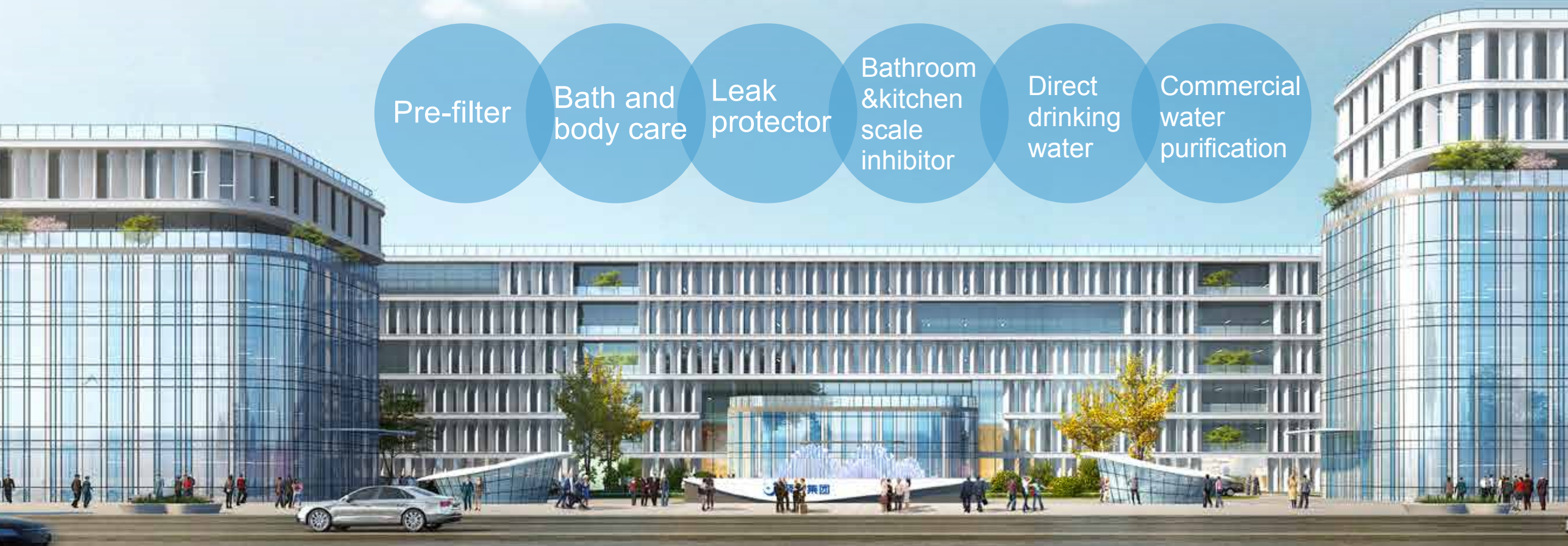
Bath and body care

Leak protector

Bathroom &kitchen scale inhibitor

Direct drinking water

Commercial water purification

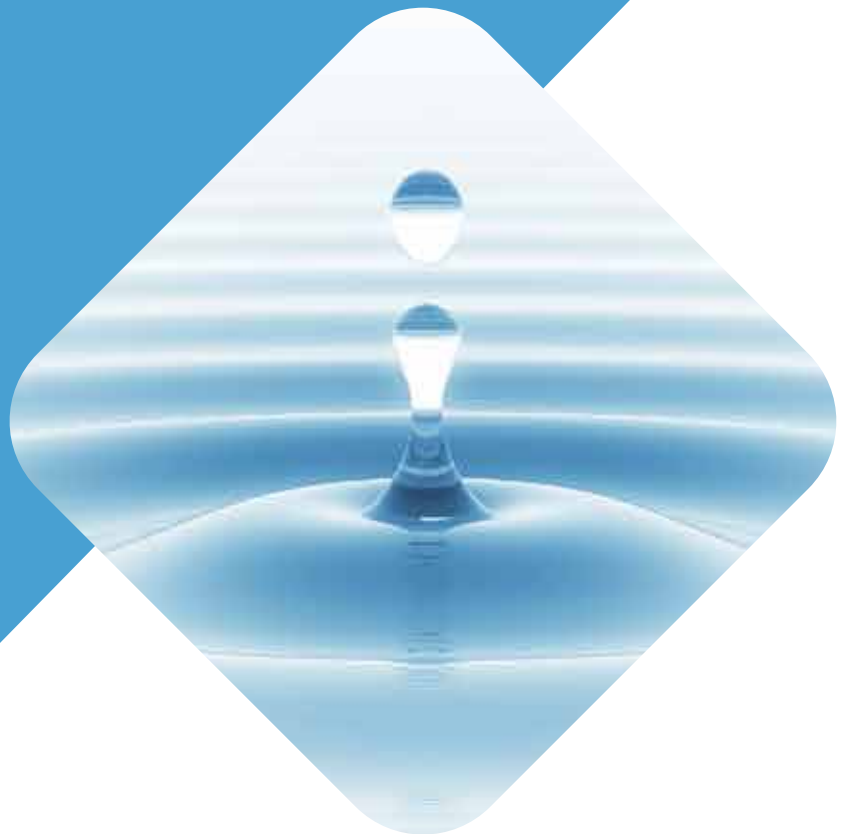


Beauty skin shower scale inhibition




Beauty Skin Shower
Scale Inhibition Series

Catalogue



1 Scale Inhibition Material

2 Introduction Of
Shower Scale Inhibitor

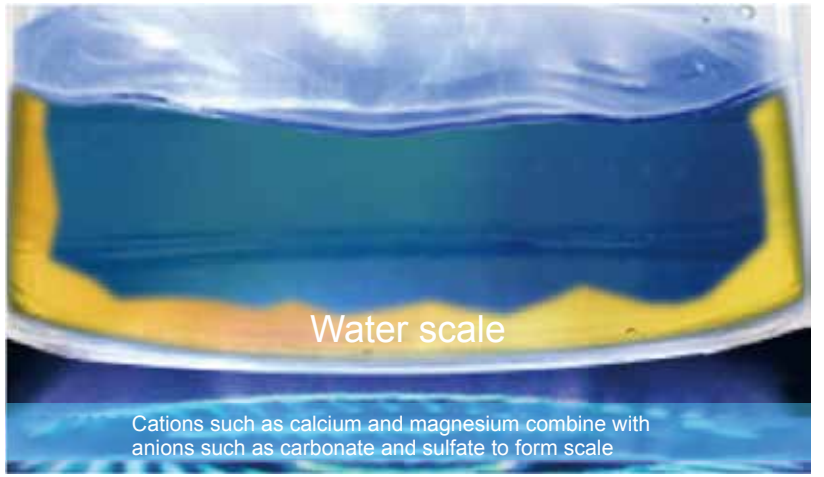
Principle

Water Scale Formation

After the container boils water for many times, the water contains calcium sulfate (CaSO4) that is slightly soluble in water and precipitates due to the evaporation of water, and the previously dissolved calcium bicarbonate (Ca(HCO3)2) and magnesium bicarbonate (Mg(HCO3)2) , decompose in boiling water, release carbon dioxide (CO2), generate insoluble calcium carbonate (CaCO3) and magnesium hydroxide (Mg(OH)2) also precipitate, and sometimes generate MgCO3. This forms water scale.

THE PRINCIPLE OF WATER SCALE FORMATION





THE WATER SCALE HAZARD



Corrosion of pipe walls（The metal wall）

Scale adheres to the metal pipe wall, corrodes under the water scale, and shortens the service life of the equipment.



Increase energy consumption

One millimeter of the water scale results in 20% heat loss.



Clogged pipes caused by water scale

Affect the normal operation of the equipment.



The growth of bacteria

The surface of the water scale is uneven, which is easy to breed various bacteria and affect health.



Be harmful to the health

When the water scale enters the human body, it will damage the stomach and intestines, affecting health.



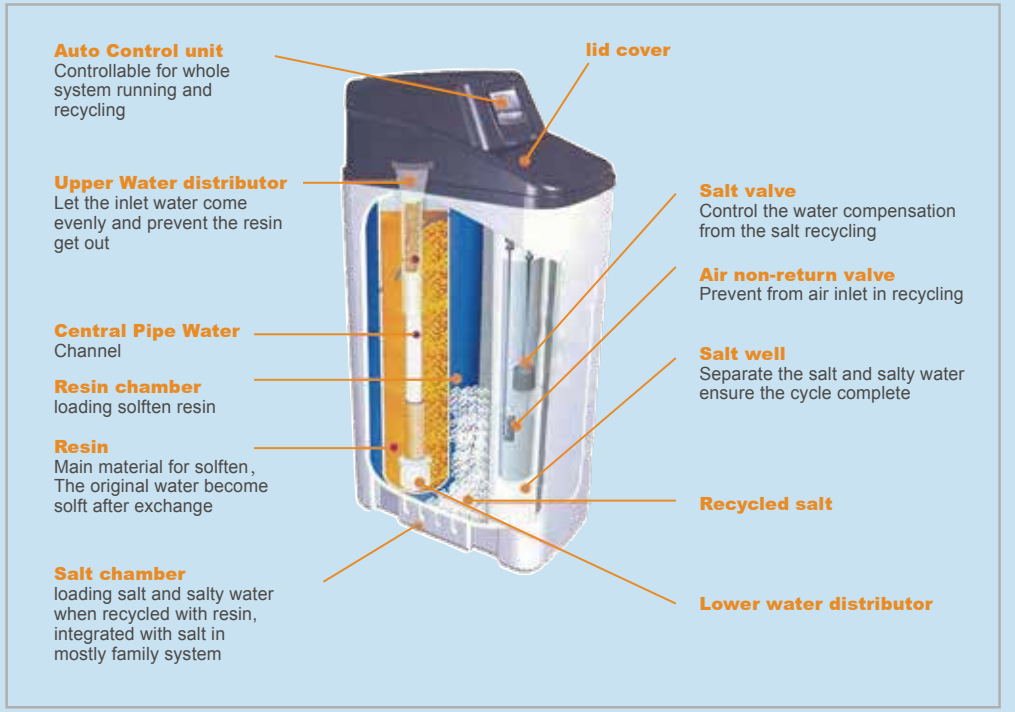
Be harmful to the health

When the water scale enters the human body, it will damage the stomach and intestines, affecting health.

The water scale is a lingering problem in people's daily life, and products that are closely related to people, such as kettles, water heaters, water pipes, faucets, showers, and water heaters, are all threatened by scale;

The industrial ex-factory value of civil water purification products has exceeded 30 billion yuan, but the scale-inhibiting products applicable to whole-house and household heating devices other than drinking water are almost zero.

COMMON DESCALING TECHNOLOGIES ON THE MARKET



Disadvantages: Large volume and relatively high cost of use



Phosphorus silicon wafers
anti-scaling technology

Disadvantages: Unable to control dissolution rate, concentration, usage, and high temperature water

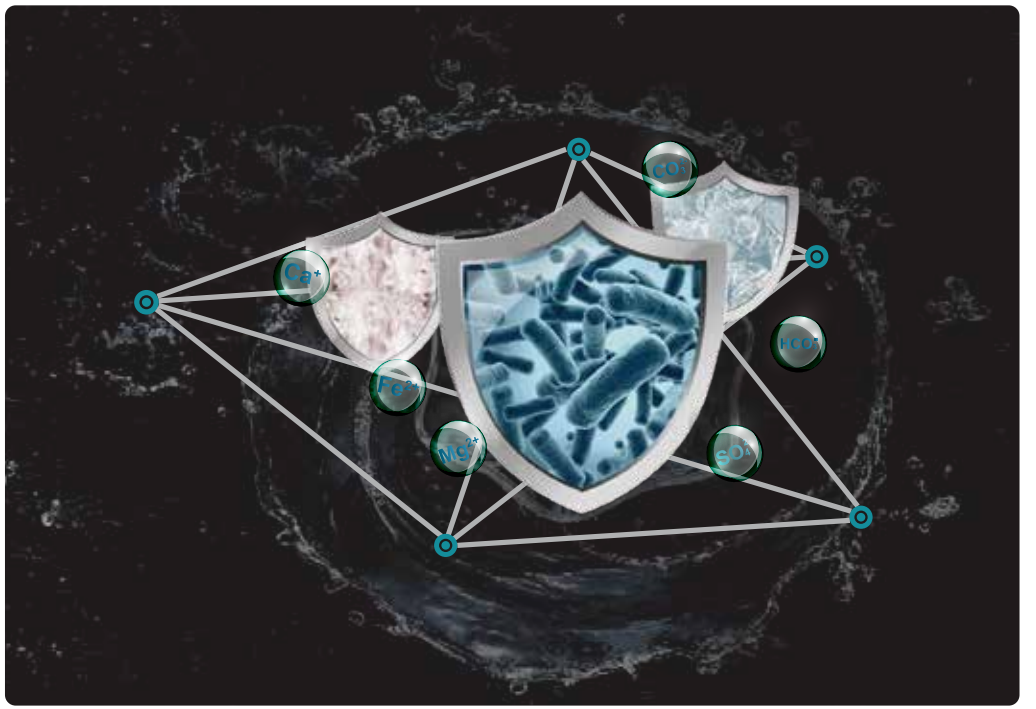
The market expects high-flow, high-efficiency, miniature salt-free scale inhibition technology and application products with slow-release function.



SLOW RELEASE SCALE INHIBITION TECHNOLOGY OF BIOACTIVE MOLECULES

MSAP, say goodbye to the age of scale!

MSAP is made of bioactive materials modified by special process. It is slowly dissolved and released in water to produce a large number of weak electron groups. It can interact between with cations such as copper ion, iron ion, calcium ion and magnesium ion and anions such as carbonate ion, bicarbonate ion and sulfate ion to produce weak electric interference effect, which can quickly inactivate the scaling factors in water, Only a very small amount of MSAP can fundamentally eliminate the generation of scale.



MSAP SCALE INHIBITOR FILTER MATERIAL

TECHNICAL CHARACTERISTICS OF MSAP SCALE INHIBITOR

BIOACTIVE MATERIALS	STABILITY	SUPER SCALE INHIBITION	MULTIPLE FORMS	EFFICIENT SLOW RELEASE TECH
Safe, non-toxic and harmless	No fear of high temperature and high PH	Laboratory scale inhibition rate of 99%	Unique flake	High-speed release, slow-release and long-lasting
Food grade safe and worry-free Phosphorus-free, environmentally friendly.	No effect on scale inhibition efficiency at high pH and high temperatures.	The scale inhibition rate can reach more than 99% under the experimental condition of national standard hard water, and each gram can filter 2 tons of water.	The unique compression form can be widely used in various internal and external devices.	0.23PPM in 0.3 seconds with water lasting for 48 hours slow release to saturation concentration.

Shower Scale Inhibitor
Fixed Shower Water Purifier





Fixed Shower Water Purifier

M2

Product Structure



The bottle body is made of high temperature resistant ABS material.

Imported silver-loaded activated carbon, MSAP filled.

4 points inner and outer wire connector

Suitable for shower

The Composite Filter Element

Original composite filter element Activated carbon +MSAP

Adopt silver-loaded activated carbon and MSAP scale inhibition material, not only strongly inhibits scale,effectively prevents the blockage of bath holes, but also avoids allergies and stains on the skin caused by residual chlorine and heavy metals in tap water, and increases the comfort of shower.



Sliver-loaded Activated Carbon

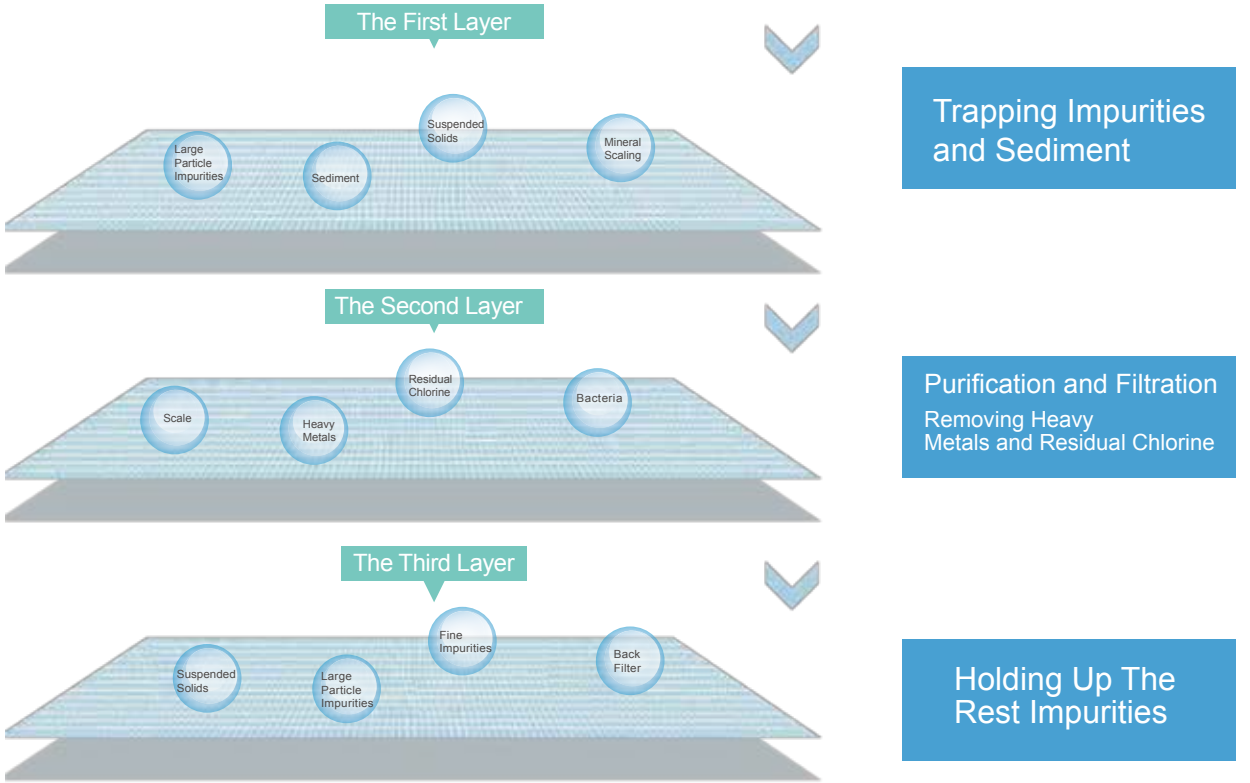
Silver activated carbon removes residual chlorine and inhibits bacteria

Using high-quality coconut shell activated carbon as raw material, it integrates adsorption, filtration, interception and catalysis, which can effectively remove organic matter, residual chlorine and other impurities in water, and has antibacterial effect, making bath water safer.



Layer-by-layer Filtering

316L stainless steel filter screen layer by layer filtering multiple protection.



Trapping Impurities and Sediment

Purification and Filtration
Removing Heavy Metals and Residual Chlorine

Holding Up The Rest Impurities

QTY Of The Water

Meet the household bath water consumption.

4 points inner and outer wire connector and 16 liters of super-large water per minute .



Layer Filtering Multiple Protection

The filter screen is made of 316L stainless steel filter screen, imported silver-loaded activated carbon filter element, MSAP anti-scale filter material, removes residual chlorine and lead, effectively intercepts particulate impurities and suspended solids, and prevents the formation of scale.



High Temperature Resistance

Bottle body is made of ABS material

High Temperature Resistance, More Safety

Bottle body is made of ABS material, no peculiar smell in hot water, safer to use.





Summary of Programs



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利他如水 聚势赋能

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