

**SCALE PREVENTION  
CORROSION PREVENTION  
BIOFOULING CONTROL**

**FILTERSORB**

**FILTRATION**

**ADSORPTION**

**INSTANT PRODUCTS**

**OXY TREATMENT**

**SYSTEMS**

# FilterSorB SCB

## WATER TREATMENT

### INTRODUCTION

**FilterSorb SCB** is a revolutionary water treatment media designed by **Watch Water®** Mannheim. It is an exclusive, ready-to-use formulation that integrates the best of **Watch Water®**'s proprietary technologies to effectively tackle **Scale buildup, Corrosion, and Biofouling** in residential, commercial, and industrial water systems.

### FORMULATION

#### 75 % Filtersorb SP3

Advanced Nucleation Assisted Crystallization (NAC) media to prevent scale by forming stable aragonite crystals.

#### 12.5 % CorrTrapp

An innovative corrosion prevention technology developed by **Watch Water®**. Magnesium-based technology like **CorrTrapp** is indeed revolutionary, offering a dual benefit: **Corrosion protection** for pipes and equipment, and added health benefits for every water consumer.

#### 12.5% AQUARedox

AQUARedox is next-generation filtration media that revolutionizes water treatment by **Advanced Oxidation-Reduction (Redox)** processes integrated with **Zinc-Coated & Copper-Coated Activated Carbon**. These two highly conductive, regenerable carbons create an electrochemical Redox reaction that eliminates at an atomic level. This **self-sustaining redox** cycle ensures superior oxidation, disinfection, & organics removal, including heavy metals.

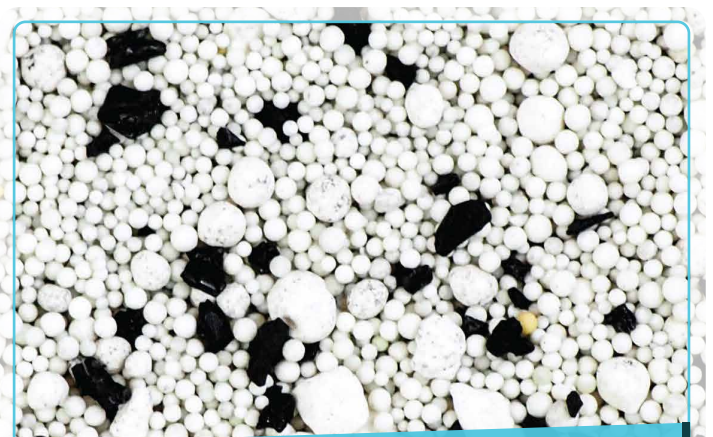
### FilterSorB SCB

The Advanced Solution For

**Scale**

**Corrosion** and

**Biofilm Prevention**

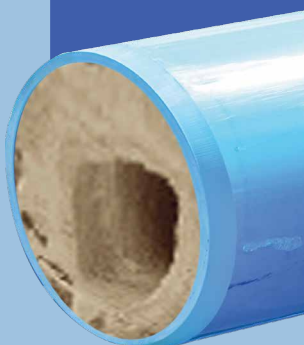


**LEVERAGING ADVANCED  
FILTERSORB SCB TECHNOLOGY**

## FILTERSORB

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## BLOCKED PIPE



## CLEAN PIPE WITH FILTERSORB SCB



## FEATURES AND BENEFITS

**Filtersorb SP3 : Scale Prevention** stop scale formation and removes existing scale deposits.

**CorrTrapp : Corrosion Resistance** extends the life of pipelines and equipment by preventing corrosion water pipe corrosion threatens your entire plumbing system, and **Corrosive Water** is very dangerous for your health.

Drinking water from corroded pipes can cause various health problems, including **liver** and **kidney** damage. Cooking with it will only heat up the contaminants and chemicals, making the water even more unhealthy for consumption. As such, **Corrosion** can render your entire water system unusable.

Water softeners may remove mineral ions, but they do not remove contaminants such as Bacteria, Heavy metals like lead, mercury, microplastics and Radionuclides. Aquaredox with High Redox Technology and superior oxidation help us eliminate and destroy all the emerging contaminants.

**AQUARedox: Biofilm Control** Destroy harmful bacteria, Legionella, E. Coli, Salmonella, Pseudomonas and biofilms ensuring safe and clean water. It adsorb a wide variety of contaminants from water. It effectively removes organic pollutants such as pesticides and pharmaceuticals, inorganic contaminants like flourides and Arsenic, heavy metals including lead and mercury, Chromium, radioactive substances, and emerging contaminants.



### Environmentally Friendly

Requires no backwash, electricity, or regeneration chemicals, making it eco-friendly and very-very cost-effective.



### Adaptable Applications

Suitable for **City Water**, **Well water**, **Hot water** and Reverse Osmosis feedwater, cooling water and all sorts of Heat Exchangers.

## TECHNICAL SPECIFICATIONS

System Type	Designed for up-flow operation without backwash.
Pressure Vessel Size	Must be 4x the volume of FilterSorb SCB media used.
Flow Rate	Customizable based on water demand and application.
Longevity	A lifespan of 3-5 years, depending on water quality.

## APPLICATIONS

**Filtersorb SCB** is ideal for:

- Residential Point-of-Use (POU) and Point-of-Entry (POE) systems, both for cold and hot water systems.
- Commercial Water system's like Hotels, Colleges, Universities, Big Building, Multistory housings.
- Industrial and Municipal water system for Scale, Corrosion, and Biofilm prevention.
- Heating Water for Cooling Water Applications.
- Feed Water for Ultrafiltration and Reverse Osmosis Systems.

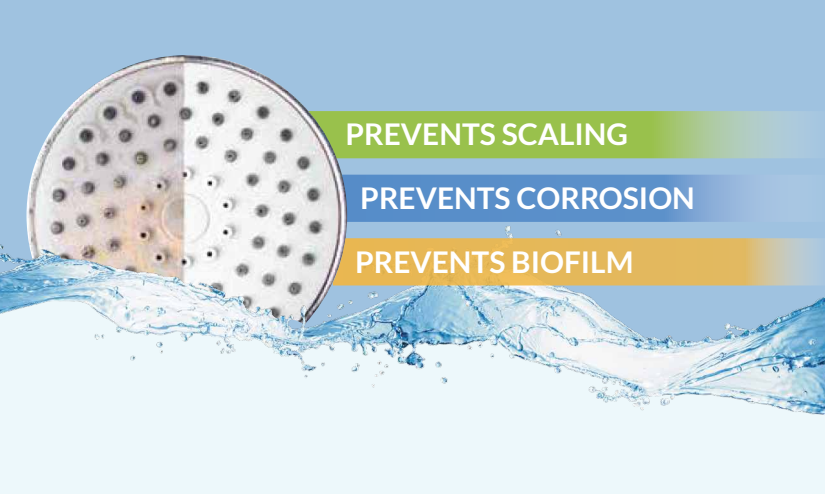
## INSTALLATION GUIDELINES

- 1) Calculate the required media volume (e.g. 4 liters for 1000 l/h (4.4 gal/min) of treated water)
- 2) Select a pressure vessel (4 x the media volume)

Note: All small **Filtersorb SCB** systems can be designed with Watch Water Exclusive **Quick Change Upflow**

### Quick Exchange Adapter





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## TANK

Tanks	Pressure Vessels	Filtersorb SCB (liter)	Flowrate
C817	2 ½ inch Top Opening	2	500 l/h (2.2 gal/min)
C830	2 ½ inch Top Opening	4	1000 l/h (4.4 gal/min)
C835	2 ½ inch Top Opening	6	1500 l/h (6.6 gal/min)
C844	2 ½ inch Top Opening	8	2000 l/h (8.8 gal/min)
C1035	2 ½ inch Top Opening	10	2500 l/h (11.0 gal/min)
C1252	2 ½ inch Top Opening	12	3000 l/h (13.2 gal/min)

## SYSTEM SETUP

3) Install **Filtersorb SCB** in a UpFlow configuration for optimal performance.

## MAINTENANCE

4) **Filtersorb SCB** requires no backwash or regeneration, making it a hassle-free solution.

## ADVANTAGES OVER CONVENTIONAL SYSTEM

Feature	Filtersorb SCB	Water Softener
Scale Prevention	100% Effective	High Sodium
Corrosion Resistance	High	None
Biofilm Control	Excellent	None
Salt (NaCl Needed)	None	Regular NaCl Needed
Maintenance	None	Regular Maintenance Needed
Environmental Impact	Very Eco-Friendly	High wastewater Generation
Operating Cost	None	High

# WE HAVE REALLY LAID OUT THE FUTURE FOR THE WATER TREATMENT

## WHY CHOOSE FILTERSORB SCB?

**Filtersorb SCB** is an advanced reliable, and eco-friendly solution, developed by **Watch Water® GmbH** and exclusively manufactured by **Watch Water® GmbH**. Its proprietary formulation guarantees superior performance and longevity in water treatment applications, making it the best choice for both residential and commercial use.





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### KEY TECHNICAL SPECIFICATIONS

Parameter	Specification
Product Name	Filtersorb SCB
Formulation	75% Filtersorb-SP3 12.5% CorrTrapp 12.5% AQUARedox
Applications	Scale, Corrosion and Biofilm-Prevention
System Type	Upflow System
Pressure Vessel Size	Media Volume x 4
Minimum Operating Temperature	5°C (41°F)
Maximum Operating Temperature	80°C (176°F)
Operating pH Range	6.0-9.5

**SAY GOODBYE TO HARD WATER**  
**AND EXPERIENCE THE FILTERSORB SCB**  
**DIFFERENCE TODAY.**

**Disclaimer :** The information in this publication is based on reliable data and is provided in good faith, without warranty or performance guarantee, as product use conditions are beyond our control. Watch Water GmbH, Germany, does not offer express or implied warranties, including merchantability or fitness for a specific purpose. Users should assess product suitability and performance with their equipment. Specifications may change without notice. Please note that the filter media in this brochure do not eliminate bacteria. Do not use our products with microbologically unsafe or unknown-quality water without proper disinfection. Watch Water GmbH, Germany, is not liable for consequential or incidental damages, such as lost profits from product use.



### Standard Packaging

Packging	Weight of product	Quantity/ pallet	Gross Wt./ pallet
Drum (60 L)	49 kg	18	965 kg

★ Other packaging can be considered on request

