

# FilterSorb MG<sup>®</sup>

## PREMIUM SYSTEMS

THE FUTURE OF BIO-AVAILABLE HYDRATION

## Nature's Perfect Water, Reimagined for Living.

Experience a revolutionary  
zero-chemical, scale-free filtration  
system that harmonizes therapeutic  
magnesium remineralization  
with absolute appliance protection.

POWERED BY GERMAN ADVANCED CATALYST  
TECH

**FilterSorb<sup>®</sup> SP3 + TrappSorb<sup>®</sup>**



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## THE DRINKING WATER DILEMMA

Traditional water filters face an impossible paradox. To stop aggressive limescale buildup, they strip water of vital health minerals, leaving it dead, acidic, and aggressively leaching.

Alternatively, standard mineral injection filters quickly foul, clog up, or cause severe white-scale flaking in appliances.

**The Solution is Absolute Molecular Balance.** By marrying elite physical scale transformations with an intelligent, self-limiting alkaline core, we create mineral-rich water that nourishes your cells while entirely defending your home.

## WHY YOU WILL FALL IN LOVE WITH THIS SYSTEM

### 01 / VITALITY

#### Therapeutic Magnesium

Infuses precise, highly bioavailable magnesium ions ( $Mg^{2+}$ ) for unparalleled cellular absorption, heart safety, and a crisp taste.

### 02 / ZERO SALT

#### True Scale Eradication

Zero sodium softeners, zero chemical waste, and zero salt bags to lug around. Pure eco-friendly catalytic physical protection.

### 03 / ANTI-CORROSION

#### pH Balanced Shield

Elevates acidic, mineral-stripped water into a safe, non-corrosive alkaline profile protecting copper and stainless steel

### 04 / NO EDTA

#### Naturally Pure

Completely free of artificial synthetic EDTA chelating compounds. Certified completely safe under strict toxicological guidelines.

## DUAL-ENGINE GERMAN TECHNOLOGY

The system bypasses typical chemical treatments entirely by implementing two world-renowned media engines structured in a sequential fluid dynamic vector.

### Engine 1

TRAPP SORB

#### Active Magnesium Enrichment

Highly porous, amorphous Magnesium Oxide ( $Mg^{2+}$ ) structured beads acting as a dynamic macro-pore engine. As mildly acidic pre-treated water feeds through the bed, it systematically dissolves the  $Mg^{2+}$  core at an ultraconsistent, self-limiting rate. This stabilizes pH and guarantees high mineral bioavailability without dangerous dumping.

### Engine 2

FILTERSORB<sup>®</sup> SP3

#### Nucleation Assisted Crystallization (NAC)

Rather than removing scale minerals artificially, **FilterSorb<sup>®</sup> SP3** re-aligns them. Its catalytic coating alters temporary hardness molecules, changing them into micro-crystals that remain harmlessly suspended in solution. They cannot adhere to plumbing or appliances, effectively rendering scaling minerals neutral while retaining their biological value.

## ADVANCED SEQUENTIAL FLUID DYNAMICS

### Step 1

#### Dynamic Acid Pre-Conditioning

Incoming water interfaces with a specialized Weak Acid Cation matrix, capturing heavy metals and generating a controlled mild acidity (pH ~ 6.5).

### Step 2

#### Calibrated Macro-Pore Dissolution

The conditioned water reacts across the **TrappSorb<sup>®</sup>** porous matrix. It naturally dissolves target amounts of MgO, infusing clean magnesium ions and shifting the water profile safely alkaline.

### Step 3

#### Catalytic Micro-Crystallization Shield

The water hits the final **FilterSorb<sup>®</sup> SP3** bed. NAC technology transforms residual hardness compounds into fluid micro-crystals, locking out lime build-up forever.

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## SYSTEM SPECIFICATIONS & DEPLOYMENT

Designed for premium commercial and custom residential installations requiring absolute peak reliability and zero environmental penalties.

PERFORMANCE VECTOR	OPERATIONAL METRICS / CERTIFICATIONS
Media Complement	Watch Water FilterSorb <sup>®</sup> SP3 + Premium TrappSorb <sup>®</sup> Beads
Scale Prevention Rating	99.6% Peak Efficiency (NAC Crystallization Matrix)
Magnesium Ion Yield	Consistent 15–25 mg/L Bioavailable Mg <sup>2+</sup> Enrichment
Target Input pH Range	6.0 – 8.5 (Optimized via initial self-regulating WAC feed)
Hydraulic Configuration	Fluidized Fluid Up-Flow System (Eliminates Backwashing)
Regulatory Compliances	NSF/ANSI Standard 61 & 42 Certified Components
Environmental Footprint	Zero Wastewater Discharged, Zero Added Chlorides/Sodium

**100%**  
EDTA-FREE

**ZERO**  
WASTEWATER

**99.6%**  
SCALE NEUTRAL

## Ready to Transform Your Water Infrastructure?

Contact your licensed regional field technician today to spec, dimension, and integrate a custom **FilterSorb MG filter** into your residential system.

**Build a healthier future.**

