

# SmartFilter™

## 550 with Microban®\*

antimicrobial product protection

*Antibacterial, supersized efficiency*



\*MICROBAN is a registered trademark of Microban Products Company.

*Gain the  
advantage over  
pathogens & pool care  
with the most advanced  
filter system ever  
available!*

**BLUE** since 1954  
**HAVEN**  
**POOLS** & SPAS  
*World's Largest!*



**SmartFeatures**  
EXCLUSIVELY BLUE HAVEN™

# Peace of mind, lasting performance

Blue Haven's SmartFilter™ will keep your pool water clean and healthy while helping protect the environment, your pocketbook, and your busy schedule. Plus, this *national exclusive* is the first and only pool-filter cartridge that resists attacks from mold, mildew, and other microorganisms.

## *Microban® antimicrobial product protection*

If you have owned a pool before, you may have had the unpleasant task of removing the **smelly, slimy film that builds up on the filter cartridge.**

The cause is an onslaught of unwanted microbes. To repel them, Blue Haven offers a unique pool filter made with a **powerful antimicrobial compound woven right into the cartridge.**

FDA-approved and rigorously tested, Microban product protection is used in more than 450 products worldwide.

*"Microban® inhibits the growth of bacteria, mold and mildew, all of which can adversely affect swimming pool filters."*

—*Filtration+Separation Magazine*  
International trade journal by Elsevier, a global publisher with 20,000 scientific, technical, and health information products

## *An added layer of protection*

Microban technology works 24 hours a day to **neutralize mold, algae, fungus, bacteria, and the nasty stains and odors that can accompany them.**

When a microbe comes into contact with the filter surface, the cell wall is pierced and the cell's functions are disrupted—**rendering the invading bug powerless to grow, function, or reproduce.**

In addition, because the technology operates as a cell-wall penetrator, **30 years of world wide use show that microorganisms have never built up immunity to it**—a noteworthy advantage in an age of drug-resistant bacteria!

## *Efficacy without compromise*

Unlike surface coatings and typical additives, the Microban brand provides **enduring, built-in product protection.**

The powerful compound is *completely integrated* during the manufacturing process: A unique polymer technology drives it deep and permanently bonds it to the filter's woven mesh fibers.

This proprietary approach offers distinct advantages: **The active compound is uniformly dispersed and effective throughout the entire cartridge.**

During the cartridge's useful life, the powerful *Microban element will not wash out, wear off, or leach out.*



*Armed with the latest in antimicrobial technology, SmartFilter™ has the Microban® element embedded throughout its cartridge fibers to deliver an unrelenting level of protection from unwanted microbes that can cause product degradation.*

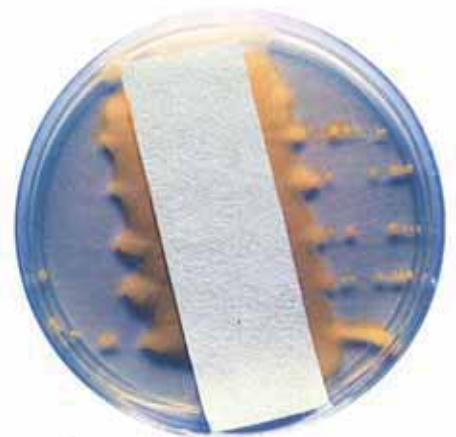


**Scientifically proven**



Independent laboratory studies have repeatedly proven that Microban® protection creates a "zone of inhibition" that dramatically impedes the growth of unwanted microbes that can cause stains, odors, and deterioration of the pool filter.

Enjoy peace of mind knowing that without the typical infestations from microbes, SmartFilter will remain cleaner and fresher while it treats your pool water!



*Without protection*



*With Microban® protection*

# Minimum effort, maximum results!

## Performance advantages

SmartFilter will ensure years of trouble-free operation and a crystal-clear swimming pool.

This high-capacity unit even **eliminates the need for backwashing**—sparing both you and Mother Nature the cost of replacing hundreds of gallons of chemically treated water every year.

Other **hassles you will avoid include** trips to the pool-supply store to buy messy, costly powders to replenish the filter, and having to haul buckets of wet sand or toxic, often-regulated DE (diatomaceous earth) for disposal.

Best of all, 550 square feet of filter area means **extra dirt-holding capacity and much longer filter cycles**. In fact, depending on local conditions and pool use, SmartFilter provides **up to one year of service before it needs cleaning!**



SmartFilter™  
**550** NSF

## Performance Data

Effective Filtration Area  
550 sq. ft.

Design Flow Rate  
100–150 gallons per minute

Turnover  
8 Hours: 72,000 gallons  
10 Hours: 90,000 gallons



## Tank-design benefits

Constructed of PermaGlass XL™—an ultra-durable, glass-reinforced co-polymer—the tank stands up to harsh environmental conditions. It also **meets the demands of the toughest pool applications**, such as in-floor cleaning systems.

A **heavy-duty, tamper-proof, one-piece clamp** securely fastens the tank at top and bottom—yet allows quick access to all internal components without disturbing plumbing connections.

During operation, an innovative automatic air-relief feature purges any trapped air (so manual venting is not required).

SmartFilter's design even boasts a non-corrosive top-closure plate that prevents the cartridge from lifting and allowing water that's dirty and unfiltered to by-pass into your pool.

*SmartFilter™ is  
manufactured for Blue Haven  
by Hayward Pool Products  
and uses*

**REEMAY Advantage.**  
POOL AND SPA FILTER MEDIA

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