



"Filtered Water from A Masterpiece of Craftsmanship"

MODEL ASTF 3000

TOTAL HOME FILTRATION & ANTIMICROBIAL PROTECTION



ARE YOU AQUASHIELDED? The AquaShield Triple Filter 3000 Series design resulted from a growing concern for the possible negative effects resulting from bathing in water that contains organic pollutants, chlorine, chloramines, bacteria and virus as well as breathing in the vapors while taking showers. The exposure from bathing in and breathing vapors of water containing pollutants could be in greater concentrations than acquired through drinking. Yet, we must be aware of both drinking and washing water and give each a high degree of importance.

The AquaShield Triple Filter 3000 Series combines the heavy duty Commercial Industrial prefiltration for our superior Reverse Osmosis PPVM Systems with the unique AquaShield Antimicrobial Filter Series with Microban, an antimicrobial within it to inhibit bacteria, virus, algae, fungus, mold and associated odors...and allows you to customize efficiencies based upon your needs through the capacity to select among our superior quality cartridges.



AQUATHIN
SILVER
ANNIVERSARY

25
YEARS

PURE
EXCELLENCE



EPA EST. NO. 52531-FL-01

Purifying the Waters of the World...

aquathin

For the Best Taste in Life!






ONLY THE AQUATHIN AQUASHIELD SYSTEM FEATURES THESE BENEFITS...

Heat, light and the presence of organic contaminants can breed excessive levels of bacteria, algae, mold and more causing a potentially sickening slimy biofilm and odors. In AquaShield with Microban, water entering the Triple Filter Housings is forced through millions of torturous microporous pathways. Each drop of microbe carrying water touches the "AquaShielded" filter fibers destroying and inhibiting the growth of water borne microorganisms. The AquaShield is effectively protected against stain and odor causing mold, fungus and bacteria.

Look again at the top inset picture of the laboratory dish (front page) which shows bacterial cultures growing on a sample without AquaShield Microban protection. The bottom inset photo is a sample with Microban. See how bacteria refuses to grow on or near the protected area !

S P E C I F I C A T I O N S :

All components are manufactured from the finest raw materials available and carry one or more of the following validations to insure system function and integrity: NSF Certified, FDA Approved, UL Listed, CSA, CE, BSI, TUV, ANSI Approved.

DIMENSIONS	22.5" L x 8.5" W x 26.75" H 45 lbs. 1.5" inlet & outlet.
MODELS:	
ASTF 3001	Position #1 -- Heavy duty dirt holding dual gradient (75 micron external to 25 micron internal) spun polypropylene oleophilic filter. Position #2 -- Heavy duty dirt holding dual gradient (50 micron external to 5 micron internal) spun polypropylene oleophilic filter. Position #3 -- AquaShield with Microban.
ASTF 3002	Position #1 -- Heavy duty dirt holding dual gradient (50 micron external to 5 micron internal) spun polypropylene oleophilic filter. Position #2 -- Steam washed bituminous grade granular activated carbon. Position #3 -- AquaShield with Microban.
ASTF 3003	Position #1 -- Heavy duty dirt holding dual gradient (50 micron external to 5 micron internal) spun polypropylene oleophilic filter. Position #2 -- Steam washed bituminous grade extruded carbon block rated for lead and cyst reduction. Position #3 -- AquaShield with Microban.
WARRANTY	Filter Housings and Frame -- 5 years. Cartridge life is dependent on quality and quantity of source water passing through it. Normal family of four on municipal water of 500 ppm TDS or less with 1.0 ppm chlorine residual may change Position #1 and #2 every 6 months. The AquaShield should be changed annually.
APPLICATION	For the immediate improvement of the aesthetics of water (color and odor). Can manifold systems in parallel for higher flow demands.
OPTIONS	Fully automatic backwashable MegaChar Series. Ideal to combine with Aquathin Soft & Clean Water Conditioner for removal of hardness and scale, whenever hardwater is present. Consult with your local Authorized Aquathin Dealer for details. Pressure differential gauges to help determine cartridge exchange.
ADDITIONAL USES INCLUDE	 Boats  Recreational Vehicles  Fountains

Distributed by:

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www.aquathin.com



**A NEW AND EXCITING
TECHNOLOGY
FROM AQUATHIN
FOR
PROTECTING WATER
IN RESIDENTIAL
STORAGE TANKS**



Throughout the world millions of homes use rooftop reservoirs for water storage and pressure. These tanks are incubators for all forms of microbes. The economical **AQUASHIELD™ TANK FILTER** by **AQUATHIN USA** is designed to remove sediment and integrates **Microban**, an antimicrobial within it to inhibit bacteria, virus, algae, fungus, mold and associated odors. The **AQUASHIELD™**, constructed of sinterized porous polyethylene, is rugged, durable and has an antimicrobial life of one year. **Microban** is non-leachable, non heavy metal, tasteless, odorless and colorless -- used extensively in the medical and food industry.

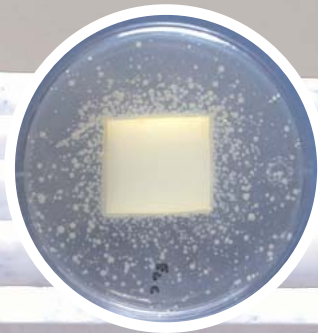
MADE IN THE USA WITH FDA AND **NSF**
APPROVED MATERIALS.



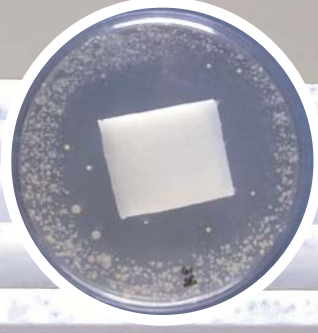
SEE REVERSE SIDE FOR
FILTER INSTALLATION

PATENT NUMBERS:
5,762,797 5,868,933

AquaShield



WITHOUT
Microban



WITH
Microban

**ELIMINATES
EXPENSIVE CHEMICAL DOSING SYSTEMS
or UV ULTRA VIOLET LAMPS!**

EPA EST. NO. 42182-NC-01 and 52531-FL-01



ADDITIONAL USES INCLUDE --



BOATS



RECREATIONAL VEHICLES



FOUNTAINS

**NOW AVAILABLE FOR SALE IN LATIN AMERICA,
AUSTRALIA, and CARIBBEAN COUNTRIES.**

\$ \$ \$ R E B A T E \$ \$ \$
RECEIVE UP TO 100% REBATE. CONTACT YOUR LOCAL
AUTHORIZED AQUATHIN DEALER FOR DETAILS.

AQUATHIN
PROOF OF PURCHASE

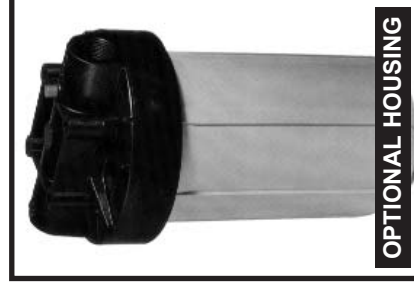
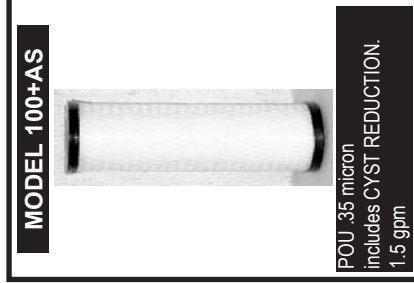
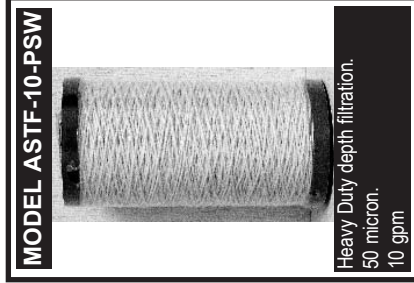
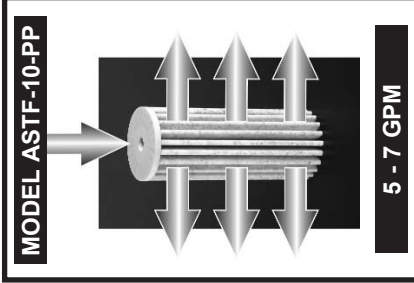
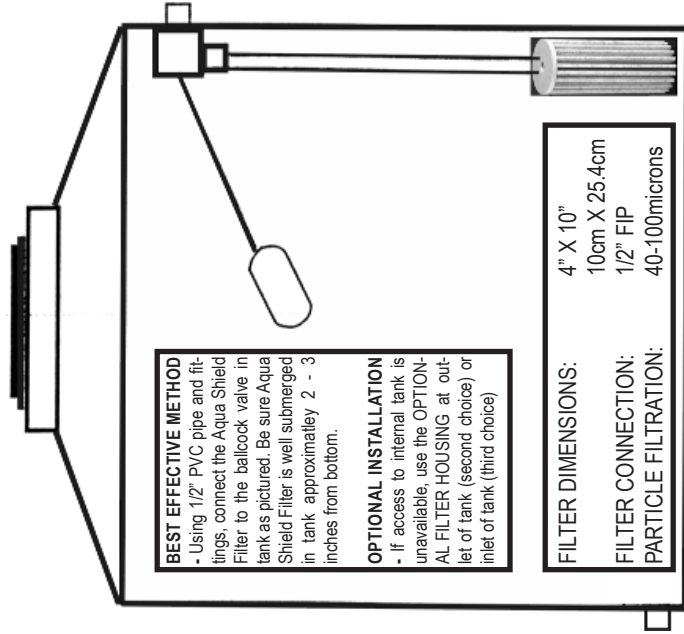
MAKE THE WATER IN YOUR TANK CLEANER, REFRESHING, BETTER

Heat, light and the presence of organic contaminants breed excessive levels of bacteria, algae, mold and more causing a potentially sickening slimy biofilm and odors. With AquaShield, water entering the tank is forced through millions of torcherous microporous pathways. Each drop of microbe carrying water touches the **Microban** filter walls destroying and inhibiting the growth of water borne microorganisms such as Legionella, Fecal Coliform, and Cholera. The filter is effectively protected against stain and odor causing mold, fungus and bacteria.

Look again at the top inset picture of the laboratory dish (front page) which shows bacterial cultures growing on a sample without AquaShield **Microban** protection. The bottom inset photo is a sample with **Microban**. See how bacteria refuses to grow on or near the protected area!

FAMILY OF AQUASHIELD FILTERS

TYPICAL TANK INSTALLATION



TO CHANGE FILTER CARTRIDGES IN OPTIONAL HOUSING

1. Turn off water supply to filter.
2. Depress pressure release button (if present) to relieve pressure in filter housing.
3. Unscrew housing using spanner wrench.
4. **NOTE:** When opening filter housing to change Aqua Shield, it is common for O-ring/Gasket to lift out of housing and stick to cap. Remove used Aqua Shield and discard. Rinse out housing and fill about 1/3 full with water. Add 2 to 3 tablespoons of bleach and scrub thoroughly with brush or sponge. Rinse thoroughly.
5. Remove O-ring/Gasket from sump and wipe groove and O-ring/Gasket clean. Lubricate O-ring/Gasket with a coating of clean petroleum jelly (Vaseline). Place O-ring/Gasket in place and press O-ring down into the groove with two fingers (or place gasket on rim of sump).
6. **NOTE:** This step is important to ensure proper filter seal. Make sure the O-ring is seated level in the groove (or gasket is on rim of sump).
7. **CAUTION:** If O-ring/Gasket appears damaged or crimped it should be replaced at this time. See your local dealer for replacement parts.
8. Drill 3/4" hole in base of Aqua Shield and insert the new Aqua Shield cartridge and gasket into the sump making sure that it slips down over the sump standpipe.
9. Screw the sump onto the cap and hand tighten. **DO NOT OVERTIGHTEN.**
10. Turn on the water supply slowly to allow housing to fill with water.

Depress the pressure release button (if present) to release trapped air from filter.

Check for leaks before leaving installation.

NOTE: This replacement cartridge has a limited service life. Changes in taste, color and flow of the water being filtered are signals that replacement of the cartridge is or soon may be necessary.

CAUTION: Filter must be protected against freezing. Failure to do so may result in cracking of the filter and water leakage.

CAUTION: All filtration systems contain other parts that have a limited service life. Exhaustion of the service life of those parts often cannot be easily detected. Commonly, it is only after leakage has been observed or water damage has occurred that one is made aware that the service life has been exhausted.

IMPORTANT NOTE: To prevent costly repairs or possible water damage we strongly recommend that the bowl or sump of all plastic housings be replaced periodically: every ten years for opaque sumps. If your sump has been in use for more than the recommended period, it should be replaced immediately. Be sure to date any new or replacement sump for future reference and indicate the next recommended replacement date.

MANUFACTURED BY:

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