



The Clear Choice
Water Filtration Systems

www.aquafilter.com

H10G-AB series

Bacteria and UV protection
10" three-part filter housings with BACinix™
Nanosilver Technology for Cold Water



Protection from Bacteria



Protection from UV 95%



Made in EU

General Description:

2 in one Bacteria and Ultraviolet light protection
AQUAFILTER FHPRx-3S-AB, FHPRx-3_R-AB - 10" three-part-type filter housings offer the versatility to meet all of customer filtration needs.

FHPRx-3S-AB, FHPRx-3_R-AB are dedicated for cold water on commercial applications. **FHPRx-3S-AB, FHPRx-3_R-AB** housings are compatible with a broad range of 2 1/2" x 10" type cartridges widely available on the market.

This housing can be used in a residential and commercial application due to its high efficiency. Filter housing consists of: a green sump, ring and head with brass 1/2", 3/4" and 1" inlet/outlet inserts.

Heads are equipped with a pressure relief valve (providing ability to release air pressure collected during cartridge replacement procedure).

The tri-part design ensures maximum leak proof performance and ease of filter cartridge replacement.

The **FHPRx-3S-AB, FHPRx-3_R-AB** series housings can be mounted individually or connected in a series.

These filter housings have another benefit. Due to the utilization of bacteriostatic agent they exhibit bacteriostatic properties. This active agent based on silver nanoparticles was added during the manufacturing process. It is dispersed evenly through the entire housing and inhibiting pathogen growth. In combination with bacteriostatic filter cartridges **AQUAFILTER FHPRx-3S-AB, FHPRx-3_R-AB** gives you the best protection against pathogenic microorganisms and the diseases which may cause.

Additionally UV stabilizer was added so the housings are protected from UV radiation (direct sunlight).

Features:

- High quality
- Made in EU with High Performance Components
- FDA CFR Title 21 Compliance
- **BACINIX™** nanosilver technology, providing antibacterial protection
- UV resistant
- Competitive Pricing
- Factory Tested
- Domestic and commercial use
- Three-part design (ideal connection stability)
- Ideal for POE use
- Maintenance Free -Saves \$, Time and Labor
- Easy to connect to cold water inlet
- Easy to install, No Electricity, No Drain Required
- Full flow 1/2", 3/4" or 1" ports

Applications:

- Domestic and commercial installations
- Filtration and Pre-filtration systems
- Food industry
- Industry laboratories
- And other application



| Part Nr. | Size |
|--------------|------|
| FHPR12-3S-AB | 1/2" |
| FHPR34-3S-AB | 3/4" |
| FHPR1-3S-AB | 1" |

| Part Nr. | Size |
|---------------|------|
| FHPR12-3_R-AB | 1/2" |
| FHPR34-3_R-AB | 3/4" |
| FHPR1-3_R-AB | 1" |

Set include:

- filter housing,
- mounting bracket,
- wrench,
- cartridge centralizing ring
- color box.



Nanosilver is a known bacteriostatic agent. As water enters each stage of filtration, it is supplemented with traces of nanosilver equivalent to 15-20 ppb. This trace quantity of nanosilver imparts bacteriostatic agents and restricts the propagation of micro-organisms inside the filtration system, which in turn enhances shelf life and protects from future contamination.

Nanosilver is so effective because it simultaneously attacks pathogens in several routes:

1. Nanosilver attacks bacteria cell walls – they are composed of aminoacids. Silver anoparticles change their structure (create disulfide bridges between aminoacids). It disrupts so called respiration chain. Bacteria losses its ability to gaseous exchange (breathe) which lead to its death.
2. Nanosilver can penetrate cell wall and lead to its leading to immediate death of bacterial cell.
3. Nanosilver enters inside the bacteria and binds with its DNA. It prevents two strands from separation and thus stops DNA replication.
4. Nanosilver after passing to the inside of the cell binds with various enzymes. Disruption of metabolic processes prevents cell growth.





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Additional accessories



FXBR1PG
Mounting bracket



FXWR3-BL
Wrench



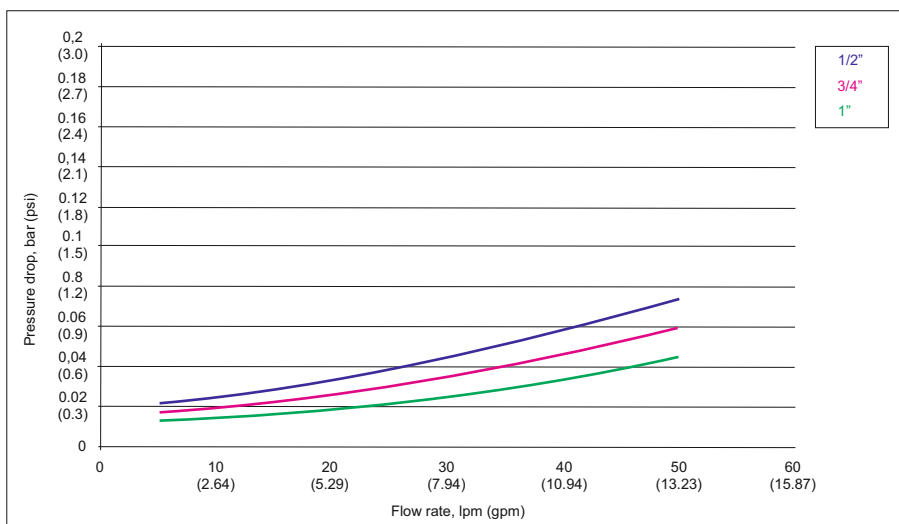
NI-212-CENT_AB
Bacteriostatic
Filter cartridge centralizing ring



OR-N-890X30
NBR O-ring
for H10G housing

Specifications:

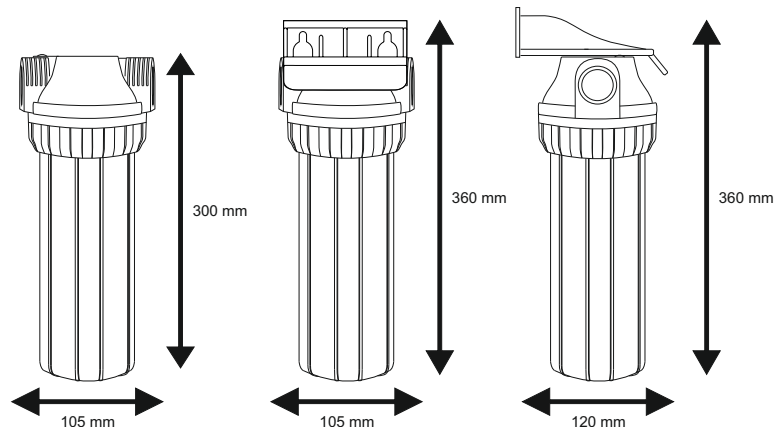
Housing (sump): poly(ethylene terephthalate) (PET) with BACTERIOSTATIC and UV AGENTS
Cap: polypropylene with BACTERIOSTATIC and UV AGENTS
Ring: polypropylene with BACTERIOSTATIC AGENT
Inserts: brass
Pressure relief valve: brass
O-ring: NBR
Thread: 1/2", 3/4", 1" BSP
Operating Pressure: 6 bar (90 psi)
Minimum working temperature: 2°C (35°F)
Maximum working temperature: 45°C (113.00°F)
Dimensions without bracket (H x OD): 300 x 105 (mm)
Dimensions with bracket (H x W x L): 300 x 120 x 360 (mm)
Cartridge dimensions: 9 7/8" x 2 1/2"



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NOTE

- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- Water filtration systems can help reduce the presence of contaminants. In addition, some water filtration systems can help reduce the presence of microorganisms or other contaminants with potential health effects.
- We strongly recommend regularly scheduled maintenance and replacement of the filter cartridge in order for the product to perform properly.
- Replace the filter cartridge at least every 6 or 12 months (depending on water quality and water consumption)

LIMITED WARRANTY: Manufacturer warrants that this product is free from defects in materials and workmanship. This warranty, together with any and all warranties implied by law, shall be limited to a period of five (5) years from the date of original purchase.

This limited warranty does not apply to failures that result from abuse, misuse, alteration or failure to properly comply with installation, or cartridge change instructions.

We strongly recommend adding to all point of use and point of entry a Pressure Limiting Valve to guard against unwanted extreme water pressure events pressure increases, surges, and water hammer which could occur in the water pipes. Not having one installed could mean that if you ever did have to claim damage caused by a burst water filter system, the claim will be denied.

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