



The Clear Choice
Water Filtration Systems

www.aquafilter.com

AICRO-AB

2" specialty in-line filter cartridge with activated coconut carbon and antimicrobial agent

General Description:

AQUAFILTER AICRO-AB in-line cartridge fits most 1/4" NPT water lines and requires no additional tools for installation. The cartridge is an upgraded version of the well-known AICRO.

It has all of the benefits of the original cartridge and NONE of its drawbacks. Sealed in-line filters feature coconut shell, granular activated carbon (NSF approved) and are designed to reduce unwanted taste, odor, chlorine, volatile organic carbon compounds (VOC's).

Cartridges include pre- and post-filters preventing activated carbon particles from being washed out. **AQUAFILTER AICRO-AB** in-line cartridges produce great-tasting and healthier drinking water and ice cubes. Low pressure drop, durable physical strength, steady flow, reliable performance and longevity make **AICRO-AB** an ideal choice for post-RO, under-sink, icemakers, water coolers, refrigerators, coffee makers and other POU applications.

Utilization of nanotechnology protects the cartridge from microbiological growth, which in turns increases the longevity of the cartridge.

Each cartridge is pressure tested.



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 microorganisms 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 nanoparticles change their structure (create disulfide bridges between aminoacids). It disrupts so called respiration chain. Bacteria loses 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. Unfortunately the detail mechanism of this action is still not well known and requires further studies.
4. Nanosilver after passing to the inside of the cell binds with various enzymes. Disruption of metabolic processes prevents cell growth.

Features:

- High quality
- Competitive pricing
- Component FDA CFR Title 21 Compliant
- Improves taste and odor of water
- Removes free chlorine and its derivatives
- Removes organic contamination (benzene, toluene)
- Utilizes nanotechnology
- Clear housing – you see what you buy
- Antimicrobial properties
- Increases longevity of the cartridge by preventing microbiological growth
- Made in EU with High Quality materials

Application:

- post RO
- under sink
- water coolers

IMPORTANT NOTICE: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Cartridges are designed for filtration with cold potable water. We recommend regularly scheduled maintenance and replacement of the filter cartridge in order for the product to perform properly. Improper installation and maintenance may result in property damage due to water leakage.

Limited Warranty: AQUAFILTER warrants that this product is free from defects in materials and workmanship. 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.

All Aquafilter images, trademarks, logos, and other intellectual property are the sole and exclusive property of Aquafilter, Inc. and may not be used without our express written permission.



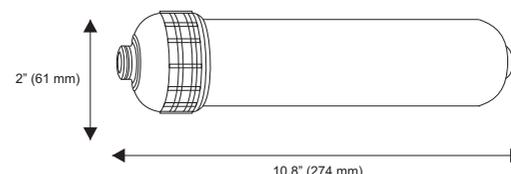
Made in EU

Specifications:

Media: NSF approved Coconut Shell GAC, antimicrobial agent
Connections: 1/4" NPT
Filter Life: 6 - 12 months
Dimensions: 2" x 10" (61 mm x 274 mm)
Flow Rate: 2.8 L/min (0.75 gpm)
Operating Pressure: 6 bar (90 psi)
Minimum Temperature: 2°C (35°F)
Maximum Temperature: 45°C (113°F)
Body & Cap: PET
O-ring: NBR
Contaminant Removal: Chlorine, VOC's, anti-microbial protection

CAT #	SIZE	@ Flow		Filter life months
		lpm	gpm	

AICRO-AB	10.8" x 2" (274 mm x 61 mm)	2.8	0.75	6 - 12
----------	-----------------------------	-----	------	--------



Aquafilter Manufacturing Facility



Aquafilter Inc.
Hunt Valley 21030, USA

us@aquafilter.com



Aquafilter Germany
15234 Frankfurt, Germany

de@aquafilter.com



Aquafilter Europe
91-222 Lodz, Poland

pl@aquafilter.com

