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GAC NS ST

Bacteriostatic carbon and softening cartridge

GAC NS/ST cartridge is filled with a mixture of high quality silver impregnated coconut shell activated carbon (NSF approved) and ion exchange resin.

It removes chlorine, its derivatives and organic substances. Silver acts as a bacteriostat inhibiting microbiological growth and extending cartridge service life. High capacity ion exchange resin softens water, preventing from scale deposition and limiting existing scale.

This filter does not reduce calcium and magnesium content down to 0, what has a positive effect on taste of filtered water.

- Silver acts as bacteriostat preventing from microbiological growth
- Softens water, without removing all calcium and magnesium ions
- Removes chlorine and its derivatives
- Removes organic substances
- Improves taste and smell of water
- Minimal pressure drops allows work at higher flow rates
- Axial flow ensures utilization of the entire media during filtration. Longer contact of media with water improves quality of filtration
- Manufactured in central Europe - Poland
- Highest quality guranteed

better taste and smell

removes chlorine

removes organic substances

best production quality

made in POLAND

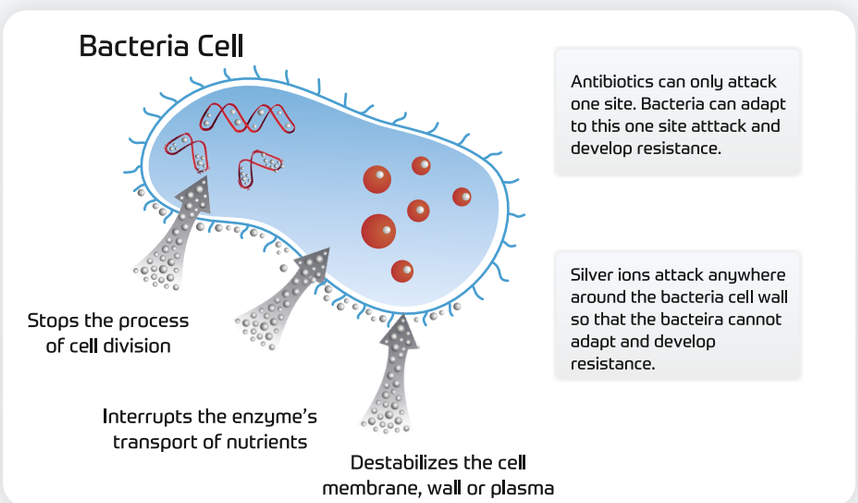
HOW IT WORKS

Activated carbon is an incredible filtration material. Waterborne contaminants are adsorbed in pores of activated carbon. As a result we obtain pure water without any toxic additives.

Silver is very effective against pathogens since it attacks microbes on several ways:

1.Damages cell membranes leading to cell lysis
2.Damages the DNA strands disrupting cell replication
3.Binds with enzymes disrupting metabolic processes
4.Binds with ribosomes preventing from protein synthesis

Ion exchange resin replaces calcium and magnesium ions with sodium and therefore softens water.



TECHNICAL DATA

Dimensions	10"	20"	10"BB	20"BB
Symbol	**GAC NS/ST**	**GAC NS/ST-L**	**GAC NS/ST10BB**	**GAC NS/ST20BB**
Service life	max 7 (month)			
Working temp.	2 - 40 (°C)			
Flow	3,5 (l/min)	7 (l/min)	10 (l/min)	16 (l/min)

Service life depends on feed water quality

Materials used: polypropylene, silver impregnated coconut shell activated carbon, ion exchange resin.

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FOREIGN TRADE DEPARTMENT
Helena Kocik +48 507 051 485; export@ustm.pl
Natalia Staruch +48 517 595 777; trade@ustm.pl

UST-M Sp. z o.o.
ul. Piaskowa 124A;
97-200 Tomaszow Mazowiecki
www.ustm.pl