

Nano-Silver Activated Carbon Block Water Filter Cartridge

Features of the nano-silver activated carbon block water filters:

- These water filters are effective in reducing odour and chlorine for pre-filtering with **bacteria resistance**.
- **Semiconductor vacuum spotting technology for nano-scale silver ions coating.**
- Nano-meter (10⁻⁹ meter) is the spectrum particle size between molecular and DNA in the range of NF filtration. The coverage Bacteria sorts beyond 650 species to damage the mechanism of germ's metabolism to induce death of unicellular life. The interference of the cell wall root function is to kill the existing unicellular germs and their breeding.
- **Bacteria resistance of up to 99.5%** against Staphylococcus, Escherichia bacillus, Pseudomonas aeruginosa, Liebsiella pneumonia, Candida albicans.
- **No silver leaking complies with FDA requirements.**
- Low pressure drop, high dirt holding capacity, durable physical strength, and steady flow to achieve reliable performance & longevity.
- The filter cartridges are manufactured in compliance with NSF and FDA requirements in material and processing.
- These water filters serve residential, commercial & industrial ranges with standard NPT DOE caps. OEM cap designs available upon request.

Specifications of H₂O filters:

Model No.	Length	OD	Nominal Micron Rating	85% 2 (ppm) Chlorine R. Life span @ H ₂ O flow rate	Initial Pressure drop
SCBC-05	5"(127mm)	2 1/2"(63mm)	5uM/Micron	8,000 Litres @ 3 lpm	0.12 kg / cm ² @ 3LPM
SCBC-10	9 3/4"(248mm)	2 1/2"(63mm)	5uM/Micron	14,000 Litres @ 5 lpm	0.11 kg / cm ² @ 5LPM
SCBC-20	20"(508mm)	2 1/2"(63mm)	5uM/Micron	22,000 Litres @ 5 lpm	0.09 kg / cm ² @ 5LPM
SCBC-30	30"(762mm)	2 1/2"(63mm)	5uM/Micron	32,000 Litres @ 10 lpm	0.07 kg / cm ² @ 10LPM
SCBC-40	40"(1016mm)	2 1/2"(63mm)	5uM/Micron	45,000 Litres @ 20 lpm	0.05 kg / cm ² @ 20LPM
BSCBC-10	10"(254mm)	4 1/2"(115mm)	5uM/Micron	40,000 Litres @ 10 lpm	0.30 kg / cm ² @ 10LPM
BSCBC-20	20"(508mm)	4 1/2"(115mm)	5uM/Micron	82,000 Litres @ 20 lpm	0.25 kg / cm ² @ 20LPM

Further information about bacteria resistance water filters:

Nano-metre (10⁻⁹ metre) is the spectrum particle size between molecular and DNA in the range of NF filtration.

Covered bacteria is in excess of 650 species by damaging the mechanism of the germ's metabolism which induces death of unicellular life. Interference with the cell wall is the primary function in killing the existing unicellular germs and their breeding.



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