

...Just Water Ceramic Filtration Specifications

(Filters manufactured by Winfield and Black Jack Industries)

<http://shop.monolithic.com/pages/water-filter>

Product is manufactured to meet:

National Sanitation Foundation (NSF) Standard 42

National Sanitation Foundation (NSF) Standard 53

ISO 9002 Quality Standard

USA AEL Laboratories

USA Analytical Food Laboratories

USA Johns Hopkins University

British 5750 Quality Standard

England's Water Research council (WRc) Performance Standards

The filtration efficiency is 0.5 micron

Removal capabilities as follows:

>99% Arsenic 5 and 99% Arsenic 3 (special order)

>99% Hydrogen Sulfide (H₂S)

>95% Chlorine and Chloramines

>99% Taste

>99% Odor

>98% Aluminum

>96% Iron

>98% Lead

>90% Pesticides

>85% Herbicides

>85% Insecticides

>90% Rodenticides

>85% Phenols

>85% MTBE

>85% Perchlorate

>80% Trihalomethanes

- >95% Poly Aromatic Hydrocarbons
- >99.999% of particles larger than 0.5 micron (Staffordshire University Labs)
(includes Anthrax)
- >99.7% of particles larger than 0.3 micron (Staffordshire University Labs)
- >98% of particles larger than 0.2 micron (Staffordshire University Labs)
- >100% Giardia Lamblia
- >100% Cyclospora
- >100% removal of live Cryptosporidium (WRc Standard)
- >100% removal of Cryptosporidium (NSF Standard 53 – A.C. fine dust – 4 log challenge)
- >100% removal of E. Coli, Vibrio Cholerae (Johns Hopkins University)
- >99.999% removal of Salmonella Typhil, Shigella Dysenteria, Kiebsiella Terrigena (Hyder Labs)

Product is silver impregnated

and will not permit bacteria growth-through (mitosis)
provides a hostile environment for all microbiological organisms and will not support their growth
Ceramic elements may be cleaned 100 or more times with a soft brush or damp cloth.

Performance Features:

Easy installation

Good flow rate / Up to 1 gallon of clean water per hour (gravity flow)

Up to 300 gallons per hour (pressure flow)

Filter will accept water from floods, lake, rain, well, tap, river or stream

Semi/Annual filter replacement Cleansable with clean damp cloth

Shelf life is extended by shaking filter every 3-4 months to loosen media inside and prevent packing

Once in use, filter will last 6-8 months

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