

LOG-5 BACTERIA REDUCTION

Bacteria Reduction in Everpure Filters Featuring Precoat Technology with MicroPure™-II Media

- Cold Drink Applications: 2DC, 4DC, AC², 4C², MC² & XC²
- Hot Drink Applications: OCS², BH² & MH²
- Ice Applications: i2000² & i4000²

Bacteria Reduction by Mechanical Means

Many Pentair-Everpure's water filters featuring MicroPure™-II media are labelled to 0.5 micron. This is the limit that NSF tests to when awarding certification for Standard-42 (Class-I particulate reduction). We are however pleased to inform you that water filters listed above have been confirmed to a log-5 reduction* (99.999% reduction) in 0.2µm bacteria.

NSF/ANSI Standards – including Bacteriostatic Effect

NSF remains the cornerstone of all performance testing, and the water filters listed above already meet the demanding standards set out by NSF/ANSI-42 (Aesthetic Effects) and NSF/ANSI-53 (Health Effects).

While details of these certifications can be found on NSF website listings and on our product literature, we wish to draw your attention to one particular aspect of NSF/ANSI-42, which is a **Bacteriostatic Effect** claim. The significance of this should not be underestimated; Pentair-Everpure's NSF-42 BE certification is only made possible because of the design features in our precoat filters and the use of our proprietary MicroPure™-II media. Our NSF/ANSI-42 BE certification means that – unlike many water filters on the market – the Pentair systems with this certification limit the passage or growth bacteria that may already exist in the incoming water.



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*testing with the small bacterium *Pseudomonas diminuta* was performed by Vitens laboratory, the Netherlands, an ISO 17025 accredited lab. The tests were performed under test conditions specified in the ASTM F838-05 protocol for the validation of 0.2 µm sterilizing grade filters.

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