



NSF/ANSI 55: ULTRAVIOLET MICROBIOLOGICAL WATER TREATMENT SYSTEMS

NSF helps manufacturers of point-of-use (POU) / point-of-entry (POE) ultraviolet systems to verify claims that their products disinfect contaminated water. There are two optional classifications when it comes to certification to NSF/ANSI 55:

Class A systems (40 mJ/cm²) are designed to disinfect and/or remove microorganisms, including bacteria and viruses, from contaminated water to a safe level. Class A systems may claim to disinfect water that may be contaminated with pathogenic bacteria, viruses, Cryptosporidium or Giardia.

Class B systems (16 mJ/cm²) are designed for supplemental bactericidal treatment of public or other drinking water that has been deemed acceptable by a local health agency. Class B systems may claim to reduce normally occurring nuisance microorganisms.

The scope of this standard also includes material safety and structural integrity testing.

Why certify with NSF?

- > As the developer of this standard, we are well versed in testing and certifying products to its specifications.
- > We run the world's largest POU/POE test facility with 30 state-of-the-art water filter test rigs.
- > Our capabilities extend to include full chemical, microbiological and physical testing.
- > The NSF mark is recognized and respected by health officials and consumers as a symbol of product quality and integrity.
- > Our staff includes experienced toxicologists, chemists and engineers.

For additional information about this standard or NSF certification, please contact americas@nsf.org.

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