

Emerson's NSF-Certified valves prevent water contamination in clean water application

RESULTS

- Use of NSF certified valves used within RO systems simplifies certification process system certification
- Multiple end connector options including NPT, Solvent Bond, and the Turn&Lock (push to connect) allow for flexibility in design
- Patented design reduces installation complexity by eliminating the need for a separate plumbing union



APPLICATION

Reverse Osmosis System

CHALLENGE

A Reverse Osmosis system manufacturer was designing a commercial-sized unit to provide clean drinking water for an office building. The system had to be certified by NSF to be safe for potable water applications, so all components that went into the system also needed to have NSF certifications. The manufacturer needed to reduce time and labor during assembly, which meant that all components needed quick delivery and had to be easy to install.

SOLUTION

Emerson delivered the ASCO™ Series 212 valve within five days. The ASCO valve is designed to be used in potable water applications and is certified by NSF to be compliant to NSF/ ANSI 327, 61-G, 169, and 42. The product is available on short lead times, so delivery is quick. With numerous NSF certifications and patented FasN™ end connectors, installation is made easy for NPT, Solvent Bond, and or PEX/ Copper applications (with the Turn & Lock Connectors). The FasN™ design also eliminates the need for an additional plumbing union.

Emerson delivers ASCO™ valves to meet the manufacturers requirements for their redesigned commercial sized unit for clean drinking water.

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