



SERIES 212 | Composite Valves

Composite, Engineered Plastic Valves

Applications

Water purification, conditioning and distribution in commercial/industrial markets with membrane based reverse osmosis systems. Reverse osmosis systems are found in several drinking water applications including restaurants, food and beverage equipment, and grocery store vegetable misting.

Features & Benefits

• Tested and certified by NSF international:



- NSF 61-G: Drinking Water System Components (includes Lead Free requirements)
- NSF 169: Special Purpose Food Equipment and Devices
- NSF 42: Drinking Water Treatment Units – Material and Structural Integrity Requirements
- NSF 372: Drinking Water System Components – Lead Content Certification

• Modular design with FasN™ technology, the world's first universal connection system

- The new ASCO FasN technology enables a quick and reliable connection system
- Available in Turn & Lock, NPT Thread, and Solvent Bond

• Up to 150 psi and 180°F

- ASCO provides the most reliable valve on the market, with the highest performance

• Increased reliability

- ASCO's innovative design is tested for up to 1 million cycles

• Manual override option

- Allows for manual operation of the valve for system filling and troubleshooting

• Low power coils: 6.3 W in AC and 6.9 W in DC normally closed versions

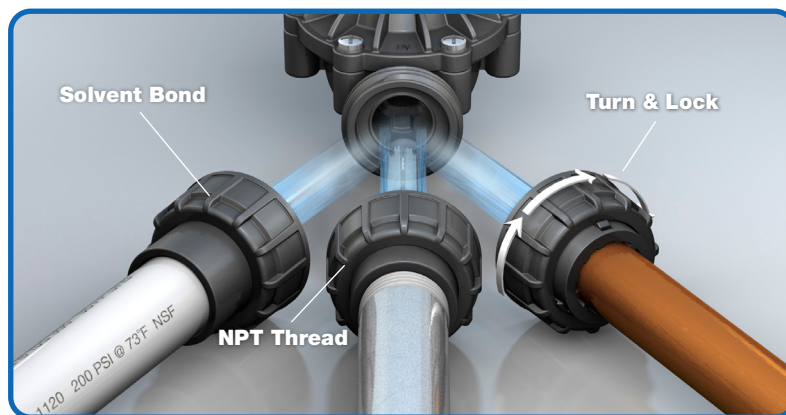
• Wide Range: From 3/8" to 1"



FasN Connection System

Reliable and secure connections

- Easy to install
- Save time when replacing a valve
- Ability to mix the types of connections on a single valve
- Fit with Copper (CTS), PEX or PVC pipe



Specifications

Pipe/Tubing Type	FasN End Connection	Port Size	MOPD (Water)	Fluid Temperature	Operation	Wattage
NPT Thread	NPT Threaded Pipe	3/8"	150 psi (10.3 bar)	180°F (82°C)	Normally Closed	AC = 6.3W DC = 6.9W
Copper (CTS), PEX Tubing	Turn & Lock	1/2"				
PVC* Pipe	Solvent Bond	3/4"			Normally Open**	AC = 11W DC = 10W
		1"				

*For PVC tubing, limitation on Fluid temperature is 73°F/23°C for NSF 61-G, 122°F/50°C for NSF 372

** For NO version with DC coils, maximum MOPD on water is 90 psi, with AC Coil is 120 psi



EMERSON