

ASCO™ 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 operator option

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

Low power coils

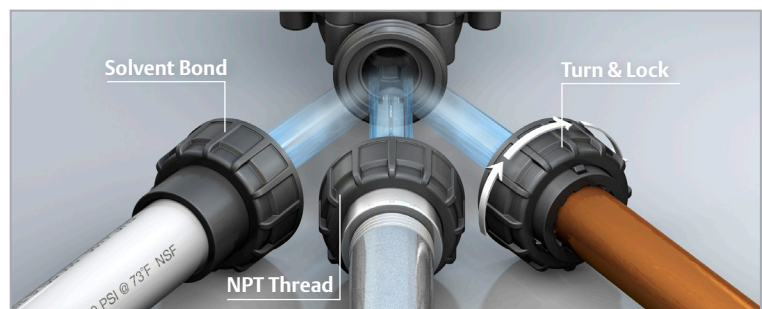
- 6.3 W in AC and 6.9 W in DC normally closed versions

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
Copper (CTS), PEX Tubing	Turn & Lock	1/2"				DC = 6.9W
PVC ① Pipe	Solvent Bond	3/4"			Normally Open ②	AC = 11W
		1" ③				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

② For NO version with DC coils, MOPD on water is 90 psi, with AC Coil is 120 psi

③ For 1" NSF 61-G valves with PVC tubing, maximum fluid temperature is 73 °F/23 °C; for all other 1" valves, maximum fluid temperature is 122 °F/50 °C

For more information:
www.Emerson.com/asco

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