No. F2400 Check Valve

For food, beverage and other applications where exposed brass is not acceptable. Steam 125 lbs. Model F2400 is a nonstock item. Please contact us for availability.

SKU: F2400

Type: Check Valve / Materials: Lead-Free Bronze, Nickel-Plated Bronze / Seal: Stainless Steel / Fluid Types: Drinking Water, Food and Beverage, Steam / Special Use: NSF Certified

Nickel-Plated Lead-Free Check Valve with Stainless Steel Poppet

The No. F2400 is certified by NSF to contain less than 0.25% lead by weighted average and is compliant with CA, LA, MD, VT state laws and U.S. Safe Water Drinking Act. The No. F2400 is electroless nickel plated inside and outside, with all other internal parts of stainless steel. The proprietary stainless steel poppets are finely machined for a metal-to-metal seal. Designed to operate in any position, a sensitive spring has been added to close the poppet automatically. Each valve is tested twice for casting integrity and backflow prevention. All valves are 100% American-Made and built to last.

Dimensions

Part Number	Pipe Size	Flow Rate (Cv)	Overall Length	Valve Diameter	Valve Weight
F2400-038	3/8"	2 GPM	2.63"	1.16"	0.50 lb.
F2400-050	1/2"	3 GPM	2.69"	1.40"	0.45 lb.
F2400-075	3/4"	6 GPM	3.31"	1.62"	0.80 lb.
F2400-100	1"	12 GPM	3.69"	2.00"	1.20 lb.
F2400-125	1-1/4"	22 GPM	4.57"	2.41"	1.90 lb.
F2400-150	1-1/2"	35 GPM	4.88"	2.69"	2.35 lb.
F2400-200	2"	64 GPM	5.56"	3.34"	3.35 lb.
F2400-250	2-1/2"	77 GPM	6.79"	3.81"	7.15 lb.
F2400-300-F	3" *	191 GPM	7.40"	4.71"	11.55 lb.
F2400-300	3" **	77 GPM	6.79"	3.81"	6.60 lb.

Cv is flow (GPM) with a 1 psi differential pressure. NPT threaded. **New valve: Standard female threads on both ends, Cv factor of 185. **Original valve: 2-1/2" valve body with 3" male thread on both ends, Cv factor of 69.

Materials & Operational Specifications

Part Name	Specs
Body	Cast Bronze C89833 or C87500
Nickel-Plating	AMS 26074B
Stem	303 Stainless Steel
Poppet	303 Stainless Steel*
Spring	302 Stainless Steel
Cup Washer	304 Stainless Steel
Locknut	18/8 Stainless Steel
Country of Origin	Made in the USA
Max. Temperature	350°F
Working Pressure	400 psi
Cracking Pressure	1-2 lbs.
Opt. Cracking Pressure	1/2, 5, or 10 lbs.
pH Factor	4.6

* 1-1/2" – 3" sizes contain a 304 stainless steel poppet

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