



Beyond flow.

Check Valves *Technical Specifications*

**No.F2400: Nickel-Plated Lead-Free with Stainless Steel Poppet**

**DESCRIPTION/FEATURES**

Our No.F2400 valves feature lead free NSF-certified material, containing  $\leq 0.25\%$  lead by weighted average. The lead-free series is compliant with CA, LA, MD, VT state laws and U.S. Safe Water Drinking Act. The valve is also electroless nickel plated inside and outside. The proprietary stainless steel poppets are finely machined for a metal-to-metal seal. Each valve is tested twice for casting integrity and backflow prevention. All valves are 100% American-made and built to last.



**APPLICATIONS**

Used for food, beverage and other applications where brass surfaces are not acceptable. Steam 125 lbs.



Certified to NSF/ANSI 372

**FLOW RATE (Cv)**

SIZE	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	*3"	**3"
GPM	2	3	6	10	20	39	64	77	191	77

*C<sub>v</sub> is flow (GPM) with a 1 psi differential pressure.*

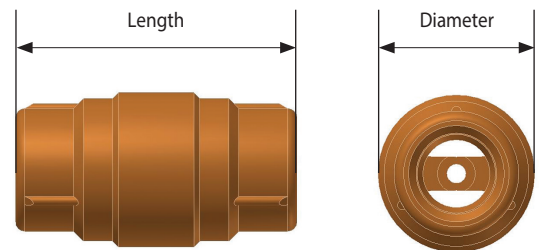
**MATERIAL SPECIFICATIONS**

Part Name	Material
Body	Cast Bronze C89833 AMS26074B Nickel-Plated or C87500
Stem	303 Stainless Steel
Poppet	303 Stainless Steel*
Spring	302 Stainless Steel
Cup Washer	304 Stainless Steel
Locknut	316 Stainless Steel
Country of Origin	Made in the USA

\*1-1/4" – 3" contain a 304 stainless steel poppet

**OPERATING SPECIFICATIONS**

Maximum Temperature	350°F
Working Pressure	400 psi
Cracking Pressure	1-2 lbs
Optional Cracking Pressure	1/2, 5 or 10 lbs.
pH Factor	4.6



**DIMENSIONS**

PIPE SIZE	F2400 SERIES PART NO.	OVER-ALL LENGTH	VALVE DIAMETER	VALVE WEIGHT
3/8"	F2400-038	2.63"	1.16"	0.50 lb
1/2"	F2400-050	2.69"	1.40"	0.65 lb
3/4"	F2400-075	3.31"	1.62"	0.90 lb
1"	F2400-100	3.69"	2.00"	1.25 lb
1-1/4"	F2400-125	4.57"	2.41"	2.00 lb
1-1/2"	F2400-150	4.88"	2.69"	2.35 lb
2"	F2400-200	5.56"	3.34"	3.80 lb
2-1/2"	F2400-250	6.79"	3.81"	7.40 lb
*3"	F2400-300-F	7.40"	4.71"	11.70 lb
**3"	F2400-300	6.79"	3.81"	6.60 lb

NPT threaded. \*New valve: Standard female threads on both ends, C<sub>v</sub> factor of 191. \*\* Original valve: 2-1/2" valve body with 3" male thread on both ends, C<sub>v</sub> factor of 77.

Strataflo ISO 90001: 2008 Certified

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