



Beyond flow.

Check Valves *Technical Specifications*

**No.F400: Lead-Free with Stainless Steel Poppet**



**DESCRIPTION/FEATURES**

Our No.F400 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 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 as all purpose check valve for multiple applications, including hot water, cold water, steam, oil, gas, compounds and chemicals. 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.*

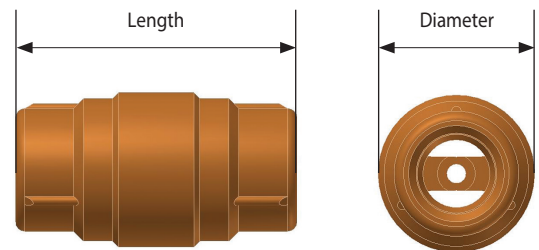
**MATERIAL SPECIFICATIONS**

Part Name	Material
Body	Cast Bronze C89833 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.



**DIMENSIONS**

PIPE SIZE	F400 SERIES PART NO.	OVER-ALL LENGTH	VALVE DIAMETER	VALVE WEIGHT
3/8"	F400-038	2.63"	1.16"	0.50 lb
1/2"	F400-050	2.69"	1.40"	0.65 lb
3/4"	F400-075	3.31"	1.62"	0.90 lb
1"	F400-100	3.69"	2.00"	1.25 lb
1-1/4"	F400-125	4.57"	2.41"	2.00 lb
1-1/2"	F400-150	4.88"	2.69"	2.35 lb
2"	F400-200	5.56"	3.34"	3.80 lb
2-1/2"	F400-250	6.79"	3.81"	7.40 lb
*3"	F400-300-F	7.40"	4.71"	11.70 lb
**3"	F400-300	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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