

LEAD-FREE 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
ANSI/NSF 372
 $\leq 0.25\%$ Lead

FLOW RATE (Cv)

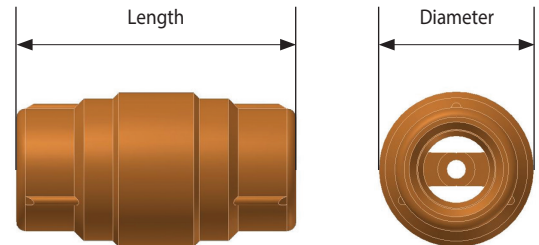
SIZE	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	*3"	**3"
GPM	2	3	6	10	20	39	64	77	191	77

C_v 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



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

OPERATING SPECIFICATIONS

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

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