



Beyond flow.

Check Valves *Technical Specifications*

No.F300: Lead-Free Check Valve with Rubber Poppet



DESCRIPTION/FEATURES

Now offering our same high quality valves with lead-free materials, certified by NSF to contain less than 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 lead-free line comes standard with a Buna-S rubber poppet, an extremely durable compound for use with potable drinking water. All other internal components of stainless steel. Each valve is tested twice for casting integrity and backflow prevention. All valves are 100% American-Made and built to last.



Certified to NSF/ANSI 372

APPLICATIONS

Used as all purpose check valve for multiple applications, including cold and warm water, ethylene, and glycol.

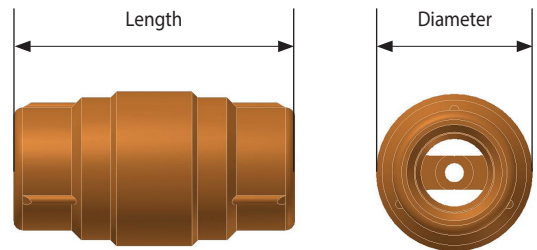
FLOW RATE (Cv)

SIZE	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	*3"	**3"	4"
GPM	2	3	5	8	17	32	52	69	185	69	240

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	Buna-S Rubber
Spring	302 Stainless Steel
Cup Washer	304 Stainless Steel
Locknut	316 Stainless Steel
Country of Origin	Made in the USA



DIMENSIONS

PIPE SIZE	F300 SERIES PART NO.	OVER-ALL LENGTH	VALVE DIAMETER	VALVE WEIGHT
3/8"	F300-038	2.63"	1.16"	0.50 lb
1/2"	F300-050	2.69"	1.40"	0.60 lb
3/4"	F300-075	3.31"	1.62"	0.90 lb
1"	F300-100	3.69"	2.00"	1.25 lb
1-1/4"	F300-125	4.57"	2.41"	2.00 lb
1-1/2"	F300-150	4.88"	2.69"	2.45 lb
2"	F300-200	5.56"	3.34"	3.90 lb
2-1/2"	F300-250	6.79"	3.81"	7.15 lb
*3"	F300-300-F	7.40"	4.71"	11.80 lb
**3"	F300-300	6.79"	3.81"	6.60 lb
4"	F300-400	10.00"	5.80"	21.70 lb

OPERATING SPECIFICATIONS

Maximum Temperature	225°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 thread on both ends, C_v factor of 185. ** Original valve: 2-1/2" valve body with 3" male thread on both ends, C_v factor of 69.

Strataflo ISO 90001: 2008 Certified

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