

No. F300 Check Valve

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

SKU: F300



Type: Check Valve / Material: Lead-Free Bronze / Seal: Buna-S / Fluid Type: Drinking Water / Special Use: NSF Certified

Lead-Free Check Valve with Buna-S Rubber Poppet

The No. F300 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. F300 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.

Dimensions

Part Number	Pipe Size	Flow Rate (Cv)	Overall Length	Valve Diameter	Valve Weight
F300-038	3/8"	2 GPM	2.63"	1.16"	0.50 lb.
F300-050	1/2"	4 GPM	2.69"	1.40"	0.45 lb.
F300-075	3/4"	6 GPM	3.31"	1.62"	0.80 lb.
F300-100	1"	13 GPM	3.69"	2.00"	1.05 lb.
F300-125	1-1/4"	24 GPM	4.57"	2.41"	1.80 lb.
F300-150	1-1/2"	38 GPM	4.88"	2.69"	2.25 lb.
F300-200	2"	61 GPM	5.56"	3.34"	3.10 lb.
F300-250	2-1/2"	69 GPM	6.79"	3.81"	7.15 lb.
F300-300-F	3" *	110 GPM	7.40"	4.71"	11.80 lb.
F300-300	3" **	69 GPM	6.79"	3.81"	6.60 lb.
F300-400	4"	205 GPM	10.00"	5.80"	21.70 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
Stem	303 Stainless Steel
Poppet	Buna-S Rubber
Spring	302 Stainless Steel
Cup Washer	304 Stainless Steel
Locknut	18/8 Stainless Steel
Country of Origin	Made in the USA
Max. Temperature	225°F
Working Pressure	400 psi
Cracking Pressure	1-2 lbs.
Opt. Cracking Pressure	1/2, 5, or 10 lbs.

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