

Check Valves



DESCRIPTION/FEATURES

The No. 2400 is electroless nickel plated inside and outside, with all other internal parts of stainless steel. The proprietary stainless steel poppets are finely machined for a metal-to-metal seal. Designed to operate in any position, a sensitive spring has been added to close the poppet automatically. Each valve is tested twice for casting integrity and backflow prevention. All valves are 100% American-Made and built to last.

APPLICATIONS

For food, beverage and other applications where exposed brass is not acceptable. Steam 75 lbs.

FLOW RATE (Cv)

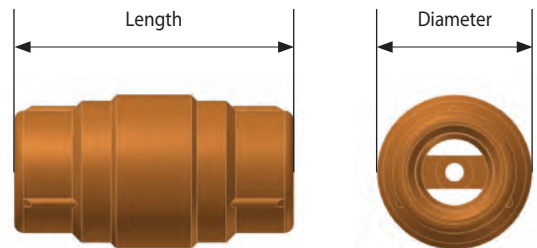
SIZE	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	*3"	**3"
GPM	1.8	2.6	5.4	8.2	16.7	32.2	51.6	68.5	185.0	68.5

C_v is flow (GPM) with a 1 psi differential pressure.

MATERIAL SPECIFICATIONS

Part Name	Material
Body	Cast Bronze C84400 AMS26074B Nickel-Plated
Stem	303 Stainless Steel
Poppet	303 Stainless Steel*
Spring	302 Stainless Steel
Cup Washer	302 Stainless Steel
Locknut	316 Stainless Steel
Country of Origin	Made in the USA

* 1" – 3" sizes contain a 304 stainless steel poppet



OPERATING SPECIFICATIONS

Maximum Temperature	300°F
Working Pressure	200 psi
Cracking Pressure	1-2 lbs
Optional Cracking Pressure	1/2, 5 or 10 lbs
pH Factor	4.6

DIMENSIONS

PIPE SIZE	2400 SERIES PART NO.	OVER-ALL LENGTH	VALVE DIAMETER	VALVE WEIGHT
3/8"	2400-038	2.63"	1.16"	0.50 lb
1/2"	2400-050	2.69"	1.40"	0.65 lb
3/4"	2400-075	3.31"	1.62"	0.90 lb
1"	2400-100	3.69"	2.00"	1.25 lb
1-1/4"	2400-125	4.57"	2.41"	2.00 lb
1-1/2"	2400-150	4.88"	2.69"	2.45 lb
2"	2400-200	5.56"	3.34"	3.90 lb
2-1/2"	2400-250	6.79"	3.81"	7.40 lb
*3"	2400-300-F	7.40"	4.71"	11.70 lb
**3"	2400-300	6.79"	3.81"	6.70 lb

NEW

NPT threaded. *New valve: Standard female thread on both ends, C_v factor of 185.0 ** Original valve: 2-1/2" valve body with 3" male thread on both ends, C_v factor of 68.5.