

1000 SERIES CHECK VALVES

304 STAINLESS STEEL WITH VITON O-RING

SPECIFICATIONS:

- Our all stainless steel check valves are ideal for Ag Chemical Applications - **WARNING** - Not to be used with anhydrous ammonia.
- Stainless steel check valves are rated for a maximum weight of 2000lbs. in tension - (down pull).
- All parts are 304 stainless steel, including the spring, lock nut on poppet, and nut retaining cup locks spring to nut, for durability and corrosion resistance.*
- Guide bearing of Delrin® around poppet stem for straight operation and eliminates wear.
- No-spin poppet for demanding installation directly above submersible pump.
- Only require 1.5 psi to open CVSE and have a VITON O-ring seal to prevent drain back in harsh chemical environments.
- Withstands a temperature range with VITON O-ring of -4°F (-20°C) to 392°F (200°C) liquid and are rated at 450 PSI max.
- Check valves are essential for water wells, where they need to be installed above the pump between lengths of drop pipe. The no-spin poppet ensures proper functioning, while the stainless steel construction provides the strength and corrosion resistance needed for reliable performance in water well installations and harsh chemical environments.

* Exclusive to Merrill Manufacturing

RATINGS:

- Max Pressure: 450 PSI
- Minimum Temperature: -4°F
- Maximum Temperature: 392°F

CERTIFICATIONS:

- IAPMO CA. Certified



No Lead



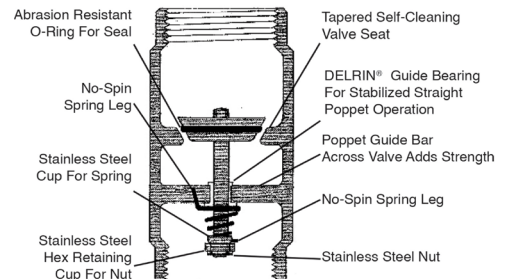
C.A. Certified



DIMENSIONS							
Part No.	Pipe Size	L in.	W in.	H in.	Ctn. Qty.	Approx. Wt./Lbs.	Master Ctn. Qty.
CVSE375	3/8"				10	0.4	100
CVSE50	1/2"	2.54	1.33	1.32	10	0.4	100
CVSE75	3/4"	2.87	1.57	1.57	10	0.5	80
CVSE100	1"	3.43	1.83	1.83	10	0.7	60
CVSE125	1-1/4"	3.90	2.19	2.24	5	1.2	40
CVSE150	1-1/2"	4.20	2.42	2.44	5	1.4	30
CVSE200	2"	5.15	3.07	3.07	5	2.5	20
CVSE300	3"	7.59	4.50	4.38	1	7.4	6
CVSE400	4"	10.8	5.70	5.67	1	15.0	3
CVMSE1025	1" FIP x 1-1/4" MIP	3.45	1.84	1.85	1	0.8	3
CVMSE200	2" FIP x 2" MIP	5.33	3.05	3.07	5	2.5	60
Includes VITON O-ring for your environmental needs.							

MIP = Male Iron Pipe
FIP = Female Iron Pipe

MATERIALS LIST	
Part Name	Material
Valve Body	304 Stainless Steel
Poppet	304 Stainless Steel
Cup for Spring	304 Stainless Steel
Spring	304 Stainless Steel
Lock Nut	304 Stainless Steel
O-Ring	Viton
Delrin® Guide Bearing	Delrin® (Polyoxymethylene)



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