



NSF 372 - LEAD FREE

The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight. Material complies with state codes and standards, where applicable, requiring reduced lead content.

Notes:

Valve is designed for liquid service only. Install 5 to 10 pipe diameters downstream from pump discharge or elbows to avoid flow turbulence. The intake side of CVO 900 series check valves must be mated to a ANSI B16.5 flat faced steel flange. The discharge side can be mated to a ANSI B16.5 flat face steel flange or a wafer style butterfly valve without the use of spools or adapters.

Valve complies with MSS-SP-125-2010.

2-1/2" valve trim is threaded into body.

ITEM	PART NAME	MATERIAL	ASTM NO.
1	BODY	CAST IRON	A126 CL. B
2	SEAT	STAINLESS	T304
3	PLUG	STAINLESS	T304
4	SPRING	STAINLESS	T304
5	BUSHING	STAINLESS	T304
6	SCREW	STAINLESS	T304



FOR ADDITIONAL FLOW STRAIGHTENING SEE THE VANE FLEX AT metraflex.com/products/vane-flex

QTY	PART NUMBER	SIZE (in)	A (in)	B (in)	C (in)	D (in)	WEIGHT (lbs)	BOLTS SIZE (in)	NUMBER OF BOLTS
	CVOSSVFD9025	2-1/2	7	5-1/2	5-1/2	11/16	20	5/8	4
	CVOSSVFD903	3	7-1/2	6	6	15/16	26	5/8	4
	CVOSSVFD904	4	9	7-1/4	7-1/4	15/16	44	5/8	8
	CVOSSVFD905	5	10	8-1/2	8-1/2	15/16	56	3/4	8
	CVOSSVFD906	6	11	9-3/4	9-1/2	1	79	3/4	8
	CVOSSVFD908	8	13-1/2	12-1/2	11-3/4	1-1/8	137	3/4	8
	CVOSSVFD910	10	16	15-1/2	14-1/4	1-3/16	223	7/8	12

MAX NON-SHOCK WORKING PSI

TEMPERATURE	PSI
150°F	200
200°F	190

CUSTOMER: _____

PROJECT: _____

ENGINEER: _____

REV.	DATE
2323 W. HUBBARD ST. CHICAGO, IL 60612 TEL: 312-738-3800 FAX: 312-738-0415 WWW.METRAFLEX.COM	
VFD CHECK VALVE 125# GLOBE STYLE SILENT CHECK VALVE W/ SS TRIM	
DRAWN BY: DKISH	DATE: 1/5/2023
APPROVED:	DATE:
SCALE: NTS	DRAWING NUMBER: CVOSSVFD-900