



**STYLE 700  
WAFER STYLE  
SILENT CHECK VALVE**

**NOTE:**  
Valve is designed for liquid service only. Install 3 to 4 pipe diameters downstream from pump discharge or elbows to avoid flow turbulence. Valve is designed to be mated to standard steel flanges.



For additional flow straightening see the Vane Flex at [www.metroflex.com/vaneflex](http://www.metroflex.com/vaneflex)  
Learn more>>

**PART**

NO. / NAME	MATERIAL / ASTM NO.
1 BODY	Cast Iron ASTM A48
2 SEAT	Bronze ASTM B584
3 PLUG	Bronze ASTM B584
4 SPRING	Stainless Steel T304
5 BUSHING	Bronze ASTM B584
6 SCREWS	Stainless Steel T304

SIZE	MAX. NON-SHOCK WORKING PSI 125# ANSI B16.1 FLANGE RATING		SIZE	MAX. NON-SHOCK WORKING PSI 250# ANSI B16.1 FLANGE RATING	
	TEMPERATURE			TEMPERATURE	
1"-10"	150°F	200°F	1"-10"	150°F	200°F
	200 PSI	190 PSI		400 PSI	370 PSI

OTHER MATERIALS AND RESILIENT SEATS ARE AVAILABLE...  
CONTACT FACTORY

**ANSI CLASS 125/250**

QTY	Valve Size	Model Number	A	B	Cv*	Wt. (lbs.)	Notes
	2"	702	4-1/4"	2-5/8"	66	5	
	2-1/2"	7025	5	2-7/8"	88	8	
	3"	703	5-3/4"	3-1/8"	130	11	
	4"	704	7	4	228	18	
	5"	705	8-3/8"	4-5/8"	350	27	
	6"	706	9-3/4"	5-1/2"	520	29	
	8"	708	13-3/8"	6-1/2"	900	86	125# ONLY
	10"	710	16	8-1/4"	1450	129	125# ONLY

**ANSI CLASS 250**

	8"	758	13-3/8"	6-1/2"	900	86	
	10"	760	16	8-1/4"	1450	137	

\*Flow coefficient is the number of U.S. gallons/minute of 60°F water that will flow through a valve with 1 PSI of pressure drop across the valve.

CUSTOMER _____ PROJECT _____ ENGINEER _____ ARCHITECT _____ PRO. OR P.O. NO _____			
	DESCRIPTION: <b>125# &amp; 250# WAFER STYLE SILENT CHECK VALVE</b>		
	DRAWN BY: <b>ZB</b>	DATE: <b>REV 11.05</b>	DRAWING NO: <b>700-91</b>