

진공 상쇄 밸브 (Vacuum Breaker Air Valves)

작동시 이점

- 배관 및 탱크 내 진공 보호
- 서지 현상에 대한 완충 작용
- 0.25psi (0.017bar) 진공에서 개방

제품 특징

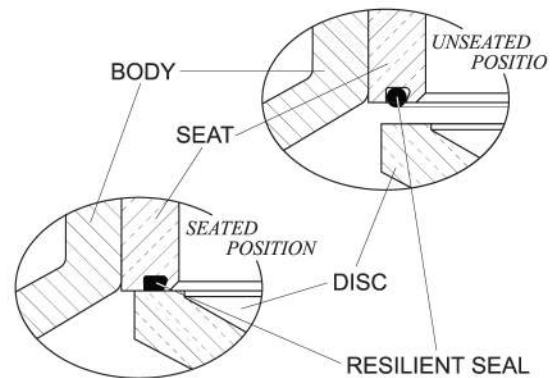
- 탄성 실링으로 완전한 밀폐
- 전 유량범위에서 최대 진공 보호

옵션 (Option)

- 배출구 후드 (이물질 삽입 방지)
- 에어 릴리즈 밸브
- 유량 유입 방지기 (배관 내 오염 방지)

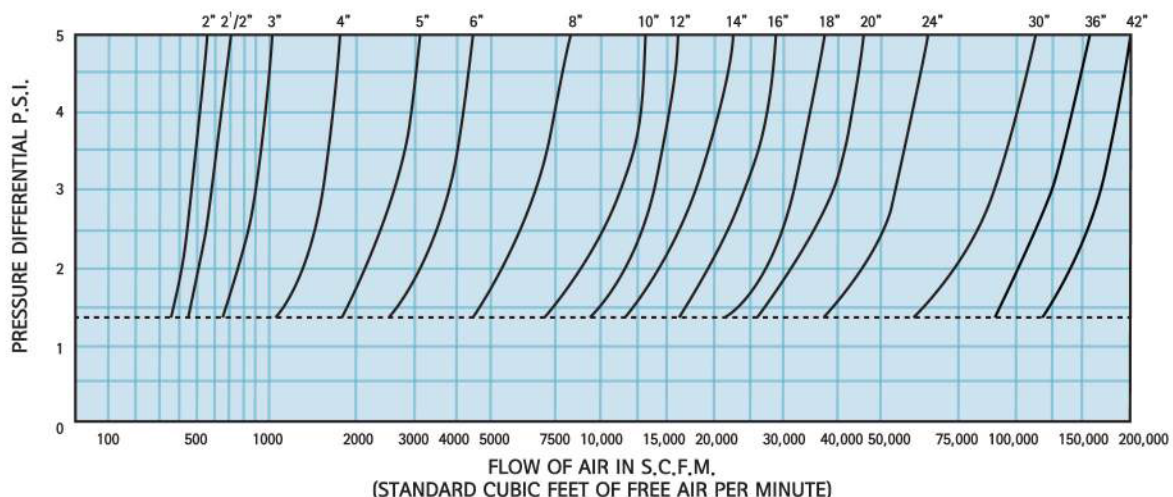


Vacuum Breaker with optional
Air Release Valve



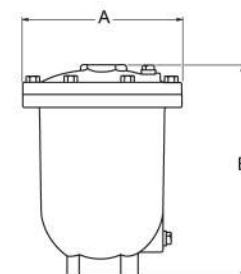
MATERIALS OF CONSTRUCTION		
COMPONENT	STANDARD	OPTIONAL
Body and Cover	Cast Iron ASTM A126 Class B Class 125 and 250	Ductile Iron ASTM A536 Grade 65-45-12
Trim	Bronze, ASTM B584, C83600	Stainless Steel ASTM A351 Grade CF8M
Coating	Universal Alkyd Primer	Non-Stick Fusion Bonded Epoxy (internal & external)

VENTING CAPACITY FOR VACUUM BREAKERS



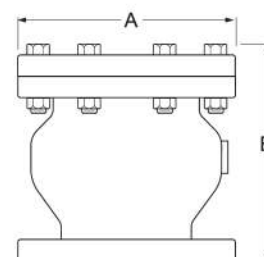
Vacuum Breaker Valves Installation Dimensions

THREADED VACUUM BREAKER AIR VALVE					
INLET	OUTLET	MODEL NUMBER	CWP	Dimensions	
				A	B
1/2" NPT	1/2" NPT	100VB	300	6 1/8"	8"
1" NPT	1" NPT	101VB	300	7"	11"
2" NPT	2" NPT	102VB	300	9 1/2"	14"
3" NPT	3" NPT	103VB	300	9 1/2"	14 1/2"



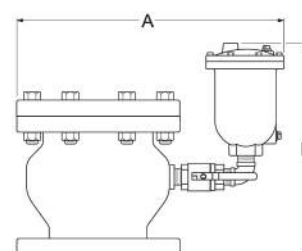
100VB-103VB
Vacuum Breaker Valves

FLANGED VACUUM BREAKER AIR VALVE						
INLET SIZE*	MODEL NUMBER		MODEL NUMBER		Dimensions	
	125lb CLASS (CWP)		250lb CLASS (CWP)		A	B
2	1802VB	200	1852VB	400	7"	8 1/2"
2.5	1825VB	200	1875VB	400	7"	8 1/2"
3	1803VB	200	1853VB	400	7 1/2"	10"
4	1804VB	200	1854VB	400	9"	11 1/4"
5	1805VB	200	1855VB	400	10"	13"
6	1806VB	200	1856VB	400	11"	14 1/4"
8	1808VB	200	1858VB	400	13 1/2"	18"
10	1810VB	200	1860VB	400	16"	21 1/2"
12	1812VB	200	1862VB	400	19"	21 3/8"



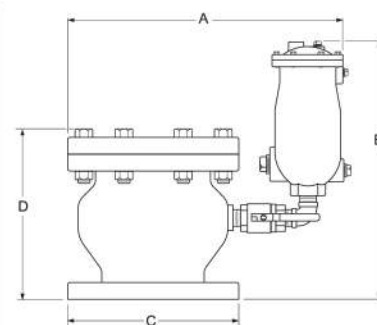
1802VB-1862VB
Vacuum Breaker Valves

FLANGED VACUUM BREAKER WITH AIR RELEASE VALVE						
INLET SIZE*	MODEL NUMBER		MODEL NUMBER		Dimensions	
	125lb CLASS (CWP)		250lb CLASS (CWP)		A	B
3	1803VB/38	150	1853VB/38.5	300	16"	15"
4	1804VB/38	150	1854VB/38.5	300	17 3/8"	15 7/8"
5	1805VB/38	150	1855VB/38.5	300	18 3/4"	16 3/4"
6	1806VB/38	150	1856VB/38.5	300	20"	17 1/4"
8	1808VB/38	150	1858VB/38.5	300	22 3/4"	18 1/4"
10	1810VB/38	150	1860VB/38.5	300	25 5/8"	19 3/4"
12	1812VB/38	150	1862VB/38.5	300	28 3/4"	19 1/8"



1803VB/38 - 1862VB/38.5
Vacuum Breaker Valves

FLANGED VACUUM BREAKER WITH AIR RELEASE VALVE FOR WASTEWATER SERVICE							
INLET SIZE*	MODEL NUMBER	MODEL NUMBER with Air Release Valve		Dimensions			
		125lb CLASS (CWP)		A	B	C	D
3	1803VBS	1803VBS/48A	200	16"	20 5/16"	7 1/2"	10"
4	1804VBS	1804VBS/48A	200	17 3/8"	21 5/16"	9"	11 1/4"
5	1805VBS	1805VBS/48A	200	18 3/4"	22 1/16"	10"	13"
6	1806VBS	1806VBS/48A	200	20"	22 9/16"	11"	14 1/4"
8	1808VBS	1808VBS/48A	200	22 3/4"	23 9/16"	13 1/2"	18"
10	1810VBS	1810VBS/48A	200	25 5/8"	25 1/16"	16"	21 1/2"
12	1812VBS	1812VBS/48A	200	28 3/4"	24 7/16"	19"	21 3/8"



1803VBS - 1812VBS/48A
Vacuum Breaker Valves

*For sizes 14" - 42" consult factory