

심정 에어 밸브 (Well Service Air Valves)

작동 시 이점

- 펌프 기동 시 에어 배출
- 펌프 및 장비보호를 위해 에어 유입
- 펌프 기동 시 서지 방지
- AWWA C512 및 NSF 61

제품 특징

- 스테인리스 스틸 플로트 - 수명보장 (Guarantee)
- 입구와 토출 측 사이즈 같음
- 듀얼 포트 스로틀링 장치 - 1/2" - 3" (15mm - 80mm)
- 일정 배기 장치 (Regulated-Exhaust Device) - 4" 이상

듀얼 포트 스로틀링 장치 (Dual Port Throttling Device)

- 일정 에어 배출량 조절 가능
- 펌프 정지시 시스템 내 에어 유입

일정 배기 장치 (Regulated-Exhaust Device)

- 디스크는 펌프 서지를 방지하기 위해 배기량을 제한
- 서지 억제를 위해 배기량을 조절
- 진공 유량 풀 포트 (Full vacuum flow port) 제공



1 - 3 inch
25mm - 80mm



4 inch & larger
100mm 이상



*WATER QUALITY



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 Stainless Steel ASTM A351 Grade CF8M
Trim	Type 316 Stainless Steel (Air Valve) Bronze ASTM B584 C83600 (Reg. Exh. Dev.)*	-
Coating	Universal Alkyd Primer (external)	Non-Stick Fusion Bonded Epoxy (internal & external)

*(Reg. Exh. Dev.) = Regulated-Exhaust Device

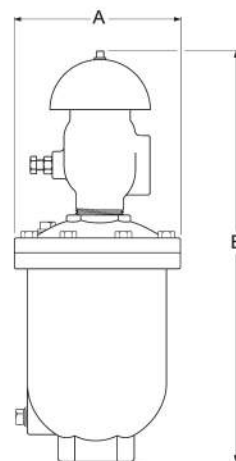
WELL SERVICE AIR VALVE SIZING			
VALVE SIZE	NO HEAD PUMP CAPACITY, GPM	MODEL NUMBER	
		150 PSI MODEL	300 PSI MODEL
1/2"	0 - 350	100ST	
1"	351 - 1,350	101ST	
2"	1,351 - 4,000	102ST	
3"	4,001 - 7,000	103ST	
4"	7,001 - 11,000	104SS	154SS
6"	11,001 - 24,000	106SS	156SS
8"	24,001 - 50,000	108SS	158SS
10"	50,001 - 70,000	110FSS	160FSS
12"	70,001 - 110,000	112FSS	162FSS

Well Service Air Valves Installation Dimensions

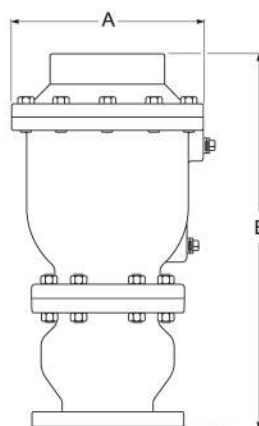
Well Service Air Valve with Dual Port Throttling Device					
Inlet Size	Outlet Size	Model Number	CWP PSI	Dimensions	
				A	B
1/2" NPT	1/2" NPT	100ST	300	6 1/8"	11 3/4"
1" NPT	1" NPT	101ST*	300	7"	14 3/4"
2" NPT	2" NPT	102ST*	300	9 1/2"	20 1/8"
3" NPT	3" NPT	103ST*	300	9 1/2"	22 1/8"

*UL Listed for fire pump service

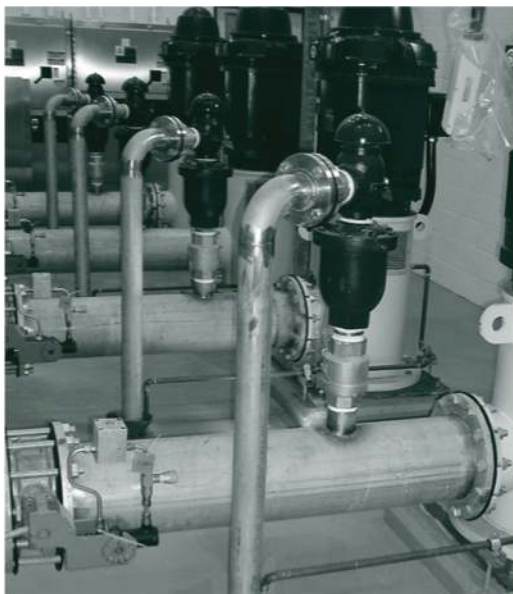
Well Service Air Valve with Regulated-Exhaust Device					
Inlet Size	Outlet Size	Model Number	CWP PSI	Dimensions	
				A	B
4" 125lb Flg	4" NPT	104SS	150	11 1/2"	22 3/4"
4" 250lb Flg	4" NPT	154SS	300	11 1/2"	22 3/4"
6" 125lb Flg	6" NPT	106SS	150	14"	28 1/2"
6" 250lb Flg	6" NPT	156SS	300	14"	28 1/2"
8" 125lb Flg	8" NPT	108SS	150	17 1/4"	35 5/16"
8" 250lb Flg	8" NPT	158SS	300	17 1/4"	35 5/16"
10" 125lb Flg	10" 125lb Flg	110FSS	150	20 1/4"	40 1/16"
10" 250lb Flg	10" 125lb Flg	160FSS	300	20 1/4"	40 1/16"
12" 125lb Flg	12" 125lb Flg	112FSS	150	24"	44 5/16"
12" 250lb Flg	12" 125lb Flg	162FSS	300	24"	44 5/16"



100ST - 103ST
Well Service Air Valves with
Dual Port Throttling Device



104SS - 162FSS
Well Service Air Valves with
Regulated-Exhaust Device



3" Well Service Air Valve on Vertical Pump discharge.