

콤비네이션 에어 밸브 (Combination Air Valves)

옵션 (Option)

- 배출구 후드 (이물질 삽입 방지)
- 볼 & 차단 밸브 (밸브 유지 보수 용이)
- 유량 유입 방지기 (배관 내 오염 방지)
- 백워싱 키트 (오수 사용)

작동 시 이점

- 에어 릴리즈 밸브 및 에어/진공 밸브 기능
- 시스템 가동 시 대량의 에어 배출
- 시스템 작동 시 에어 배출
- 시스템 내 서지 방지

제품 특징

- 싱글 바디 : 하나의 밸브로 두 가지 기능
 - 경제적이며 간편함
- 듀얼 바디 : 각각 두 개의 밸브로 구성
 - 각각의 밸브는 독립하여 작동



Clean Water*



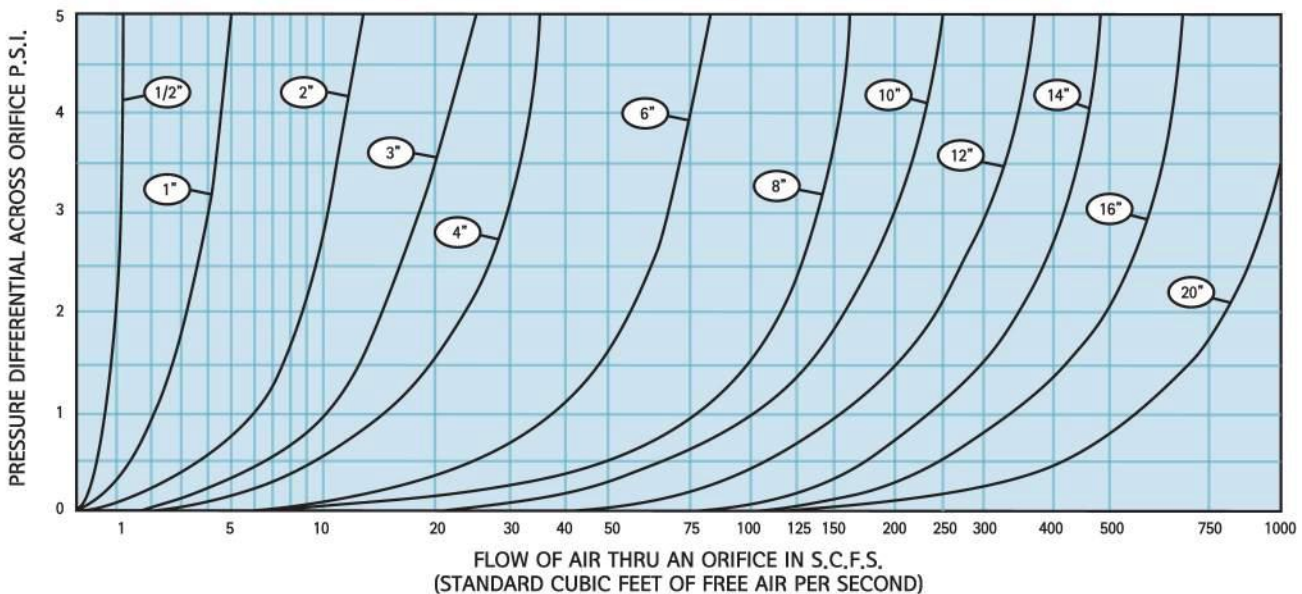
Wastewater



MATERIALS OF CONSTRUCTION

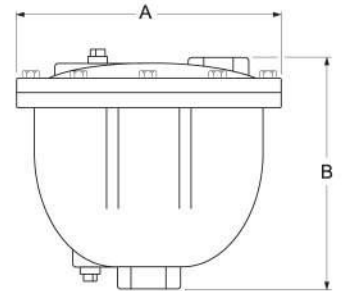
COMPONENT	STANDARD	OPTIONAL
Body and Cover	Cast Iron ASTM A126 Class B Class 125 and 250	Ductile Iron ASTM A536 Grade 65-45-12 Stainless Steel ASTM A351 Grade CF8M
Trim	Type 316 Stainless Steel	-
Coating	Universal Alkyd Primer (external)	Non-Stick Fusion Bonded Epoxy (internal & external)

FLOW CAPACITY OF COMBINATION AIR VALVES

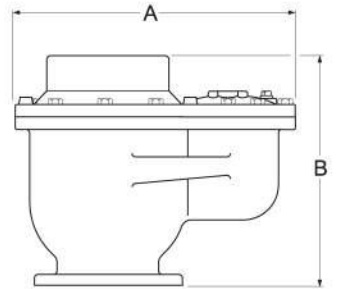


Combination Air Valves Installation Dimensions

WATER COMBINATION AIR VALVES (SINGLE BODY)						
Inlet Size	Outlet Size	Model Number	CWP PSI	Orifice Size	Dimensions	
					A	B
1" NPT	1" NPT	201C.2	300	5/64"	11 3/8"	10 1/2"
2" NPT	2" NPT	202C.2	300	3/32"	14"	13"
3" NPT	3" NPT	203C.2	300	3/32"	16"	15"
3" 125lb Flg	3" NPT	203C.14	150	3/32"	16"	16 3/4"
3" 250lb Flg	3" NPT	203C.15	300	3/32"	16"	17 1/4"
4" NPT	4" NPT	204C.2	300	3/32"	18 1/2"	17"
4" 125lb Flg	4" NPT	204C.14	150	3/32"	18 1/2"	19 3/4"
4" 250lb Flg	4" NPT	204C.15	300	3/32"	18 1/2"	20 1/4"
6" 125lb Flg	6" NPT	206C	150	3/8"	21"	20 1/4"
6" 250lb Flg	6" NPT	256C	300	7/32"	21"	20 1/4"
8" 125lb Flg	8" NPT	208C	150	3/8"	25"	23 1/2"
8" 250lb Flg	8" NPT	258C	300	7/32"	25"	23 1/2"

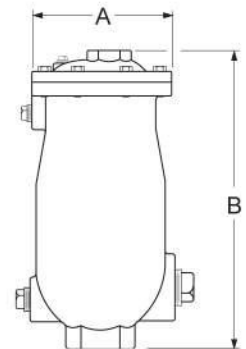


201C.2 - 204C.15
Single Body Combination
Air Valves



206C - 258C
Single Body
Combination Air Valves

WASTEWATER COMBINATION AIR VALVES (SINGLE BODY)						
Inlet Size	Outlet Size	Model Number	CWP PSI	Orifice Size	Dimensions	
					A	B
2" NPT	1" NPT	801A	150	1/8"	7"	14 15/16"
2" NPT	2" NPT	802A	150	9/64"	9 1/2"	18 1/16"
3" NPT	3" NPT	803A	150	11/64"	11"	23 1/2"
4" NPT	4" NPT	804	150	11/64"	11"	23 1/2"

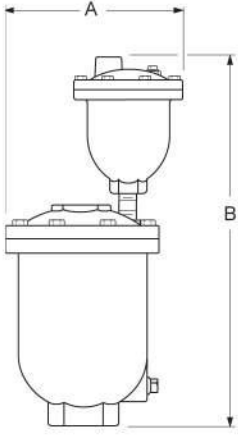


801A - 804
Wastewater
Single Body Combination
Air Valves



Surge-Suppression Air Valves and Isolation Valves in a pump discharge application.

Combination Air Valves Installation Dimensions



101S/22.9 - 103S/22.9
Dual Body Combination
Air Valves

WATER COMBINATION AIR VALVES (DUAL BODY)						
Inlet Size	Outlet Size	Model Number	CWP PSI	Orifice Size	Dimensions	
					A	B
1" NPT	1" NPT	101S/22.9	300	1/16"	7 7/8"	15 5/8"
2" NPT	2" NPT	102S/22.9	300	1/16"	10 1/4"	17 7/8"
3" NPT	3" NPT	103S/22.9	300	1/16"	10 1/4"	18 1/4"

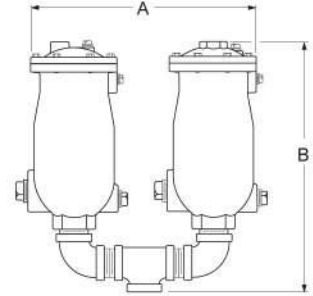


104S/38 - 166F/45.5
Dual Body Combination
Air Valves

WATER COMBINATION AIR VALVES (DUAL BODY)						
Inlet Size	Outlet Size Air/Vacuum	Model Number	CWP PSI	Orifice Size Air Release	Dimensions	
					A	B
4" Flg	4" NPT	104S/38 154S/38.5	125lb - 150 250lb - 300	3/16" 5/32"	21"	22"
6" Flg	6" NPT	106S/38 156S/38.5	125lb - 150 250lb - 300	3/16" 5/32"	24"	23"
8" Flg	8" NPT	108S/38 158S/38.5	125lb - 150 250lb - 300	3/16" 5/32"	27"	26"
8" Flg	8" NPT	108S/45 158S/45.5	125lb - 150 250lb - 300	23/64" 7/32"	30"	29"
10" Flg	10" Flg	110F/38 160F/38.5	125lb - 150 250lb - 300	3/16" 5/32"	30"	28"
10" Flg	10" Flg	110F/45 160F/45.5	125lb - 150 250lb - 300	23/64" 7/32"	33"	31"
12" Flg	12" Flg	112F/38 162F/38.5	125lb - 150 250lb - 300	3/16" 5/32"	33"	32"
12" Flg	12" Flg	112F/45 162F/45.5	125lb - 150 250lb - 300	23/64" 7/32"	37"	34"
14" Flg	14" Flg	114F/38 164F/38.5	125lb - 150 250lb - 300	3/16" 5/32"	36"	34"
14" Flg	14" Flg	114F/45 164F/45.5	125lb - 150 250lb - 300	23/64" 7/32"	40"	36"
16" Flg	16" Flg	116F/38 166F/38.5	125lb - 150 250lb - 300	3/16" 5/32"	39"	34"
16" Flg	16" Flg	116F/45 166F/45.5	125lb - 150 250lb - 300	23/64" 7/32"	44"	37"

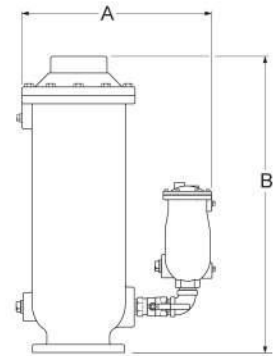
Combination Air Valves Installation Dimensions

WASTEWATER COMBINATION AIR VALVES (DUAL BODY)						
Inlet Size	Outlet Size	Model Number	CWP PSI	Orifice Size	Dimensions	
					A	B
2" NPT	1" NPT	48A/301A	150	3/16"	20 5/16"	20 5/16"
2" NPT	1" NPT	49A/301A	150	7/16"	19 1/2"	22 3/4"
2" NPT	2" NPT	48A/302A	150	3/16"	20 3/4"	25 3/4"
2" NPT	2" NPT	49A/302A	150	7/16"	20 3/4"	22 3/4"
3" NPT	3" NPT	48A/303A	150	3/16"	21 1/2"	28 1/4"
3" NPT	3" NPT	49A/303A	150	7/16"	21 1/2"	24 3/4"



48A/301A - 49A/303A Single Dual Body Wastewater Combination Air Valves

WASTEWATER COMBINATION AIR VALVES (DUAL BODY)						
Inlet Size	Outlet Size	Model Number	CWP PSI	Orifice Size	Dimensions	
					A	B
4" Flg	4" NPT	48A/304	150	3/16"	20 3/4"	36 1/2"
4" Flg	4" NPT	49A/304	150	7/16"	20 3/4"	36 1/2"
6" Flg	6" NPT	48A/306	150	3/16"	23 1/4"	36 1/2"
6" Flg	6" NPT	49A/306	150	7/16"	23 1/4"	36 1/2"
8" Flg	8" NPT	48A/308	150	3/16"	25 3/4"	41 1/4"
8" Flg	8" NPT	49A/308	150	7/16"	27 1/2"	41 1/4"



48A/304 - 49A/308 Dual Body Wastewater Combination Air Valves



Air Valves are commonly found in plant service as well as pipelines for efficiency and protection. The model shown above is a 48A/308 with flanged outlet and optional Cam-Centric® Plug Valve for isolation and maintenance.