

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

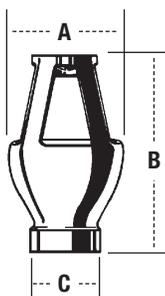
Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

Air Gaps, Elbows and Test Cocks for Reduced Pressure Zone Assemblies

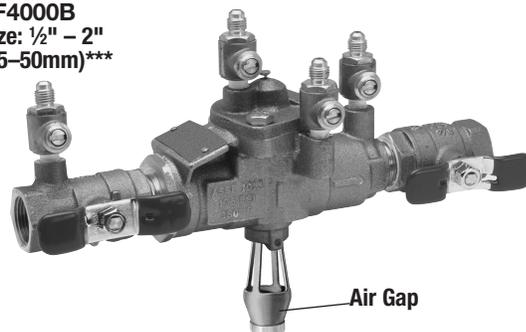
Air Gaps

The Ames Air Gap Drain is designed to collect water that is being discharged by the relief valve, due to minor check valve fouling and/or to line pressure fluctuations.

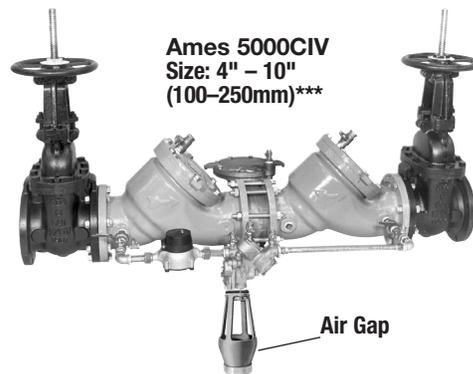
Ames 400/500 Air Gap 2 1/2" - 10"



Ames 4000B/ LF4000B Size: 1/2" - 2" (15-50mm)***



Ames 5000CIV Size: 4" - 10" (100-250mm)***



Ames 4000SS Size: 2 1/2" - 10" (65-250mm)***



ORDERING CODE	SIZES/SERIES	DIMENSIONS			WEIGHT				
		A in.	A mm	B in.	B mm	C in.	C mm	lbs	kgs
7014267	1/2", 3/4" 4000B/LF4000B	2 3/8	60	3 1/8	79	1/2	13	.63	.28
0691853	1", 1 1/4", 1 1/2" 4000B/LF4000B	3 1/4	83	4 7/8	124	1	25	1.50	.68
0691866	2" 4000B/LF4000B	4 3/8	111	6 3/4	171	2	51	3.25	1.47
0691842	2 1/2" - 10" 4000SS/5000SS	8	203	11 1/4	286	2	51	1.50	0.68
7014384	3" - 6" 4001/5001	8	203	11 1/4	286	5 3/4	146	1.50	0.68
7017299	4" - 10" 4000CIV	6 3/8	162	9 5/8	244	3	76	6.25	2.83
0690511	2 1/2" - 6" 4000SS vertical	8	203	9 1/4	235	2 3/4	70	10.3	4.67
7011361	4000RP/5000RPDA (epoxy)	10 3/4	273	6 1/4	159	2 5/8	67	6.7	3.04
7019628	2 1/2" - 10" 400/500 w/Splash Guard	7 1/2	190	12	304	2	51	1.5	.68
7018894	2 1/2" - 10" 400/500 Splash Guard	4 1 1/16	119	2 7/16	62	—	—	.5	.23
0064661	3/4"-1" 400B AG	2 3/8	60	3 1/8	79	1/2	13	0.63	0.28
0064662	1 1/4"-2" 400B AG	4 3/8	111	8 1/2	216	2	51	3.5	1.6

NOTICE

The Air Gap Drain is not designed to collect the full discharge capacity of the relief valve.

NOTICE

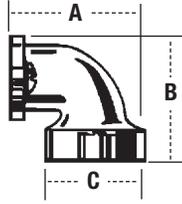
The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

Ames Fire & Waterworks product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Ames Fire & Waterworks Technical Service. Ames Fire & Waterworks reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Ames Fire & Waterworks products previously or subsequently sold.

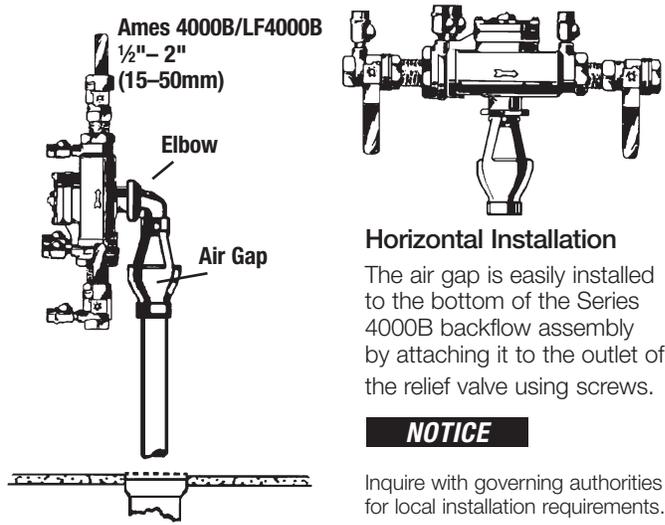


Vent Elbows

Used with Ames air gaps for vertical installation of reduced pressure zone assemblies.



ORDERING CODE	SIZES/SERIES	DIMENSIONS						WEIGHT	
		A		B		C		lbs	kgs
7012798	1/2" - 3/4" 4000B/LF4000B	—	—	—	—	—	—	—	—
7012799	1", 1 1/4", 1 1/2" 4000B/LF4000B	2 3/8"	60	2 3/8"	60	—	—	.38	.17
7016586	2" 4000B/LF4000B	3 3/8"	92	3 3/8"	92	—	—	2	.91



Horizontal Installation

The air gap is easily installed to the bottom of the Series 4000B backflow assembly by attaching it to the outlet of the relief valve using screws.

NOTICE

Inquire with governing authorities for local installation requirements.

Vertical (Up) Installation of Backflow Preventer

For vertical installations use the optional elbows as shown.

Installation Elbows

Cast Iron Elbow Kits — for N pattern Colt & Maxim Series 200 & 300

LEAD FREE*	ORDERING CODE	SIZE
	7018538	2 1/2"
7018539	3"	
7018540	4"	
7018541	6"	
7018542	8"	
7018543	10" **	

**Kits not available for Butterfly valve units
Kits consist of: *(2) grv x grv elbows and (2) Groove Couplers

Cast Iron Elbow Kits — for N and Z pattern Colt & Maxim Series 400 & 500

LEAD FREE*	ORDERING CODE	SIZE
	7018544	2 1/2"
7018545	3"	
7018546	4"	
7018547	6"	
7018548	8"	
7018549	10" **	

**Kits not available for Butterfly valve units
Kits consist of: *(2) grv x grv elbows and (2) Groove Couplers

Cap & Tether

Plastic cap and tether

(four required per backflow preventer)

- Fits 1/4" female test cocks
- Plastic dust cap and rubber tether
- ARK-TC/Ames - 1/8" - 1/4" (7017626)



SAE Brass Cap, O-ring and tether

(four required per backflow preventer)

- Fits 1/8" male x SAE test cocks
- Brass dust cap with O-ring seal and rubber tether
- ARK-SAE-TC/Ames (7017249)



Test Cock Adapter

SAE-TC Adapter/Ames

- 1/4" female SAE x 7/16" FPT
- Adapts to SAE-TC for use with pressure gauges or site tube
- SAE-TC Adapter/Ames (7017627) (not shown)

Test Cocks

For use with backflow preventers, isolation valve for gauges, isolation valves for small equipment lines. Lead Free* models available.

TC/Ames

- Full port ball valve design
- Screw driver slot to open and close
- Available 1/8" male x 1/4" female — 1/8 TC/Ames (7017250) or 1/4" male x 1/4" female — 1/4" LFTC/Ames (0425363)



SAE-TC/Ames

- Full port ball valve design
- Screwdriver slot operation
- 1/8" male x SAE — LFSAE TC/Ames (0425362)



1/2" TC Kit for Ames Colt/Maxim Series

- Fits 2 1/2"-4" Colt/Maxim Series
- Ordering Code: 7018394

3/4" TC Kit for Ames Colt/Maxim Series

- Fits 6"-10" Colt/Maxim Series
- Ordering Code: 7018395



A WATTS Brand

USA: Backflow Tel: (978) 689-6066 • Fax: (978) 975-8350 • AmesFireWater.com
USA: Control Valves Tel: (713) 943-0688 • Fax: (713) 944-9445 • AmesFireWater.com
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