

DURGO AIR ADMITTANCE VALVES (AAV)

Faster. Better. Smarter.

Air Admittance Valves (AAV) provide an acceptable means for ventilating a plumbing drainage system without venting through the roof or to open atmosphere. AAVs ensure that no sewer gases or liquids will enter the building through the valve.

The AAV closes by gravity, sealing at zero-differential pressure and remains closed under positive internal pressure (back pressure). It opens under negative pressure to allow proper drainage to occur without siphoning of fixture traps.

AAVs are offered with adapters in three different sizes to handle all applications.

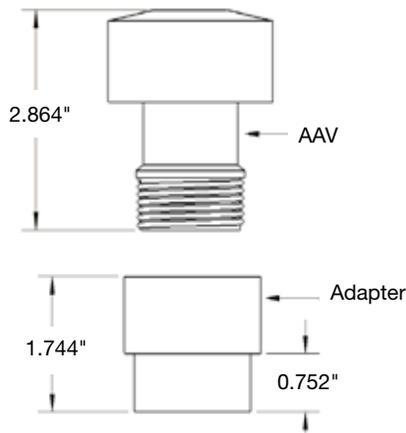
- Junior: Perfect for horizontal runs in residential applications
- Senior: Great for stack or branch systems
- US90 3": For large or commercial requirements
- Wall Box and Louver offers a recessed clean look for AAVs in visible locations

Code Approvals

- Manufactured in compliance with ASSE 1051, ASSE 1050 (Except Durgo Jr.)
- Installation shall be in accordance with local code requirements

COMPLIANCES/LISTINGS

- Senior & US90 3" - ASSE 1050 & 1051
- Durgo Jr. ASSE 1051
- ANSI/NSF 14 Compliant



Part Number	Description
P-3700	Durgo Senior 1 1/2" - 2" w/White ABS Adapter (20 DFU)
P-3701	Durgo Senior 1 1/2" - 2" w/PVC Adapter (20 DFU)
P-3702	Durgo Junior 1 1/2" - 2" w/White ABS Adapter (20 DFU)
P-3703	Durgo Junior 1 1/2" - 2" w/PVC Adapter (20 DFU)
P-3704	Durgo US90 3"
OBAV-200	AAV Wall Box w/Louver Faceplate
OBAV-3702	AAV Wall Box w/Louver Faceplate & Durgo Junior 1 1/2" - 2" w/White Adapter
OBAV-3703	AAV Wall Box w/Louver Faceplate & Durgo Junior 1 1/2" - 2" w/PVC Adapter
Accessories/Replacement Parts	
P-00961	White AAV Wall Box Louver Faceplate
P-3705	1 1/2" White ABS Adapter
P-3706	1 1/2" PVC Adapter

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Legacy of **INNOVATION**

Specialty Products™

Drainage Pipe Size	Drainage Pipe Size	Maximum DFU's	Air Flow Rate	Air Flow Rate
DN	NPS		(cfm)	(L/s)
mm	(in)			
31.8	1-1/4"	1	1	0.47
38.1	1-1/2"	3	1	0.47
50.8	2.0"	6	2	0.94
76.2	3.0"	20	4	1.88
101.6	4.0"	160	8	3.76

Drainage Pipe Size	Drainage Pipe Size	Maximum DFU's	Air Flow Rate	Air Flow Rate	
Drainage Stack Pipe Size		Maximum Allowable Pressure Loss		Minimum Air Flow Requirement	
mm	inches	mm of water	inches of water	L/s	CFM
40	1 1/2"	25	1	1.9	4
50	2"	25	1	3.8	8
65	2 1/2"	25	1	5.7	12
75	3"	25	1	10.9	23
100	4"	25	1	22.2	47

Note: The air flow rates are based on the maximum air flow determined by Dawson and Kalinske using a stack having a water flow of 7/24 diameter and an air flow of 17/24 diameter.

Product Submittal	
Job Name:	Date:
Part Number:	Quantity:
Architect:	
Contractor:	

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