

## AIR ADMITTANCE VALVES (AAV) Specification Sheet



### DESIGN FEATURES

- Valve available in ABS & PVC
- Rated at 20 DFU for venting 1 1/2" and 2" DWV
- Tested to work effectively in temperatures ranging from -40 to 150 degrees Fahrenheit
- Valves open at -0.01 psi and seal at 0 psi and above
- AAVs offered with adapters in 3 different sizes to handle all applications;
- Junior -horizontal runs in residential
- Senior - Stack or branch systems
- US90 3"- for large or commercial requirements
- Wall Boxes and Louvers offers a recessed clean look for AAVs in visible locations

### COMPLIANCES/LISTINGS

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



3689 Arrowhead Drive, Carson City, NV 89706

Phone (800) 854-3215 Fax (800) 243-1777

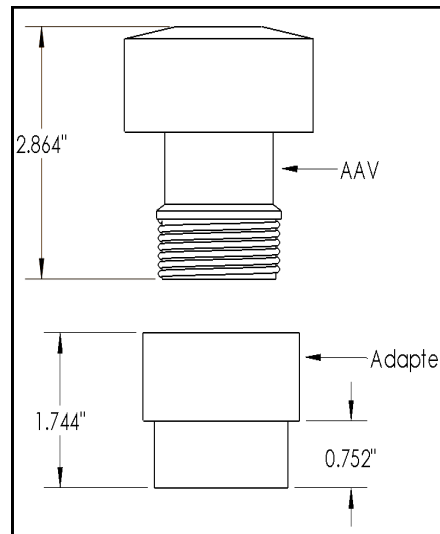
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Rev 8/19

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



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

**Table 1051**

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

**Table 1050**

Stack AAV Capacity Requirements					
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.



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