

### MAGIC VENT® Air Admittance Valve

#### Description

Magic Vent® offers an alternative to traditional open-air venting by allowing air to enter the plumbing drainage system while preventing sewer gases from escaping into the building. This one-way valve opens when negative pressure arises in the plumbing, allowing airflow into the system. It automatically seals itself under normal conditions or when positive pressure is present, ensuring a secure and odor-free environment.

#### Applications

Performs the function of a DWV system vent stack, protecting the trap seal from siphonage without additional piping to the outdoors.

#### Instructions

Review all instructions before installing an Air Admittance Valve (AAV) and consult local plumbing codes. AAVs may terminate individual, branch, or circuit vents only for fixtures connected to a horizontal branch drain on the same floor. This drain must tie into the drainage stack no more than four branch intervals from the top of the stack. Install the AAV upright, within 15 degrees of vertical, and in an accessible, well-ventilated location protected from outdoor exposure and extreme temperatures (-40°F to 150°F). The AAV must be at least 4 inches above the horizontal branch drain, 6 inches above insulation in attic applications, and located within the maximum developed vent length allowed. Ensure the building has at least one primary vent stack extending to open air.



#### Features | Benefits

- Eliminates roof penetrations
- Great design flexibility
- Saves time and money
- Magic Trap places AAV 4" above drain pipes
- Permitted for use in accordance with: IPC 2012, Sec 917; IRC 2012; Manufactured Housing Construction and Safety Standard 2001

#### Packaging

Code	Size	Qty. per Case	Lbs. per Case	Cubic Ft per Case
97400	Magic Vent – 1 - 1/2"	12	2.90	0.29
97405	Magic Vent & PVC Adapter – 1 - 1/2" x 2"	12	4.84	0.26
97406	Magic Vent & ABS Adapter – 1 - 1/2" x 2"	12	4.32	0.26
97402	Magic Trap Kit	12	7.44	1.04

## Maximum drainage fixture units

Fixture Applications	DFU load
Traditional Public Bathroom Group (Toilet [1.6 gpf], bathtub w/shower, and sink)	6
Traditional Private Bathroom Group (Toilet [1.6 gpf], bathtub w/shower, and sink)	5
Public Toilet (1.6 gpf)	4
Private Toilet (1.6 gpf)	3
Washing Machine	3
Bathtub w/shower	2
Sink & Disposal	2
Dishwasher	2
Shower Stall (5.7 gpm or less)	2
Sink	2
Drinking Fountain	0.5

2012 International Plumbing Code Section 709 Fixture Units

Fixture Applications			
Drain, Branch or Stack Size		Maximum DFUs on Branch	Maximum DFUs on Stach
1 - 1/2"	6	3	8
2"	5	6	24
3"	4	20	72
4"	3	160	500

Source: 2015 IPC Table 710.1 (2) "Horizontal Fixture Branches & Stacks."

## Approvals

- ASSE 1051
- ICC-ES
- ICC-ES New Zealand approval cert
- NSF 14
- IPC & IRC compliant



**WARNING:** This product can expose you to chemicals including titanium dioxide, which is known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Limited Warranty



For more information on our product limited warranty, visit [RectorSeal.com](http://RectorSeal.com).

Manufactured by

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