

ICC-ES Report

PMG-1030

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Reissued 01/2019
This report is subject to renewal 01/2020

EVALUATION SUBJECT:

MAGIC VENT[®] MICRO AIR ADMITTANCE VALVES (AAVs)

DIVISION:

22 00 00—PLUMBING

SECTION:

22 13 19.36—AIR ADMITTANCE VALVES

Report Holder:

RECTORSEAL, LLC

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ICC-ES PMG Product Certificate

PMG-1030



Effective Date: January 2019

This listing is subject to re-examination in one year.

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A Subsidiary of the International Code Council®

CSI: Division: 22 00 00—PLUMBING
Section: 22 13 19.36—Air Admittance Valves

Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product: Magic Vent® Micro Air Admittance Valves (AAVs)

Listee: RectorSeal, LLC
2601 Spenwick Drive
Houston, Texas 77055-1035
www.rectorseal.com

Compliance with the following codes:

2018, 2015, 2012 and 2009 *International Plumbing Code*® (IPC)
2018, 2015, 2012 and 2009 *International Residential Code*® (IRC)

Compliance with the following standards:

ASSE 1051-2009, Individual and Branch Type Air Admittance Valves for Sanitary Drainage Systems
NSF/ANSI 14-2017, Plastic Piping System Components and Related Materials

Identification:

The Magic Vent® Micro Air Admittance Valves (AAVs) described in this report must be identified by a label bearing the model number of the product, the manufacturer's name or trademark (RectorSeal, LLC), and ICC-ES PMG listing mark.

Installation:

Magic Vent® Micro AAVs must be installed in accordance with the requirements of IPC Section 917 or IRC Section P3114, as applicable, and the manufacturer's published installation instructions.

A minimum of one vent must terminate in the open air outdoors for each building drain when AAVs are installed.

Installation of Magic Vent® Micro AAVs to vent a special waste or chemical waste system is outside the scope of this listing.

Models:

Magic Vent® Micro AAVs are air admittance valves conforming to ASSE 1051 and NSF 14. Magic Vent® Micro AAVs are available with a 1½-inch-diameter (38 mm) female pipe thread connection for connection to 1½-inch-diameter (38 mm) vent pipes. Adapters are available for solvent cementing to 1½- and 2-inch-diameter (38 and 50.8 mm) Schedule 40 DWV pipe in ABS and polyvinyl chloride (PVC).

Magic Vent® Micro AAVs consist of a body, screen plate and cap of acrylonitrile-butadiene-styrene (ABS) and a diaphragm.

The Magic Vent® Micro AAVs are used as a vent termination for individual vents and branch vents.

Conditions of Listing:

1. Each Magic Vent® Micro AAVs must be located a minimum of 4 inches (102 mm) above the horizontal branch drain or fixture drain being vented.
2. Each Magic Vent® Micro AAVs must be accessible for service, repair and replacement.
3. The Magic Vent® Micro AAVs must be installed within the maximum developed length of the vent and a minimum of 6-inches (152.4 mm) above insulation materials. The AAV's must not be installed in a supply or return air plenum of an HVAC system or in areas where temperatures exceed 150 °F (66 °C).
4. The Magic Vent® Micro AAVs must be installed in the vertical upright position. The maximum offset from the vertical upright position must not exceed 15 degrees (0.083 π rad) from plumb.
5. The Magic Vent® Micro AAVs must be installed after the drainage system has been pressure tested.
6. The Magic Vent® Micro AAVs are manufactured by RectorSeal, LLC in Houston, TX under a quality control program with annual surveillance inspection by ICC-ES.