

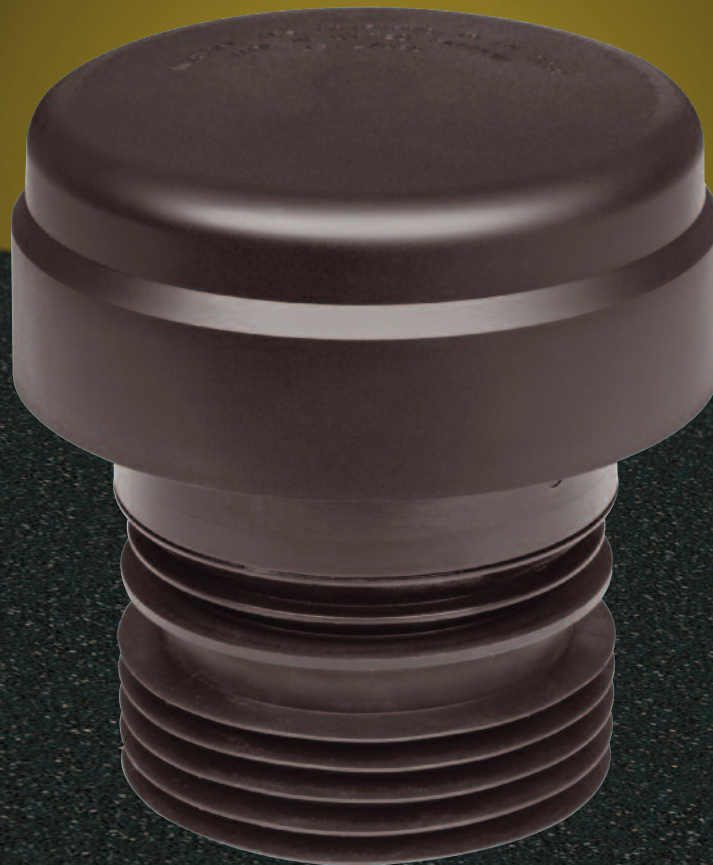
**NEW**

C/S/b	(52.6)	In6	
November 2018			

**M'ALPINE**  
Plumbing Products

## Internal/External Air Admittance Valve for 110mm Soil Pipe

- Incorporates a stainless steel mesh in the air intake which eliminates insect and debris ingress
- Complies with BS EN 12380:2002
- Designation Class A1
- Air Flow Capacity (litres per second) 40
- Range of temperature: -20°C to +60°C
- Can be installed above or below the flood level of connecting appliances
- LGA Quality Certificate - certifies the product's high and constant quality and confirms the performance capability



Code	Class	Air Flow Capacity (Litres per second)	Colour
Ventapipe 100 with dual-fit synthetic rubber finger seal outlet for 4"/110mm pipe			
VP100E	A1	40	Black



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Plumbing Products

# Internal/External Air Admittance Valve for 110mm Soil Pipe

McAlpine recommend that Air Admittance Valves be installed internally within the building.

AAVs should be located preferably in a non-habitable space such as a duct or roof space with adequate ventilation and must be accessible for maintenance.

AAVs must be installed in the vertical position.

## Internal Advantages

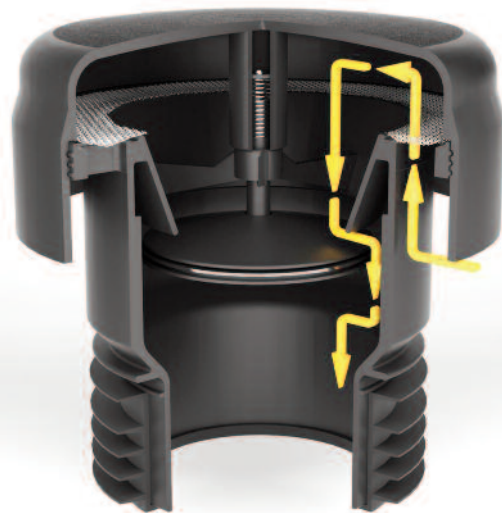
- Enables ventilating pipes to be terminated inside the building thereby avoiding roof penetration
- Allows greater flexibility in design of new drainage systems
- Allows greater flexibility when installing additional appliances to existing drainage systems
- Eliminates problems of freezing associated with external pipes
- Suitable for use with either plastic or metal pipes
- Offers cost savings in both material and labour

However, it may be advantageous in certain circumstances, be it design or otherwise, to allow the installation of an AAV into an external soil stack.

## External Advantages

- The external soil stack may be terminated below the roofline which reduces the amount of soil pipe and fittings required
- The AAV may be installed at a minimum height of 200mm above the highest wet branch connection
- Fitted externally the AAV is easy to access for maintenance if required
- Reduces installation time and materials

Valve open



Valve closed



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