

AMG3240 / AMG5063 / AMG7580 / AMG100 AIR ADMITTANCE VALVES

BASIC FUNCTION:

- Device to regulate and secure the drainage network, pressure-balancing valves improve waste water flow.
- It helps to maintain water seal , regulates pressures, eliminate gurgles and bad smells risings.

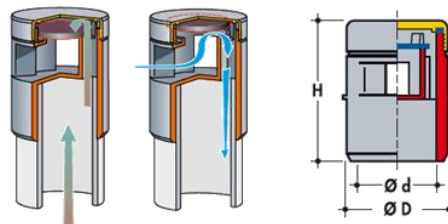


AMG3240
AMG5063
AMG7580
AMG100

DESCRIPTION:

The valves consist of :

- A PVC body
- A waterproofing membrane
- A screw cap with a gasket



TECHNICAL CHARACTERISTICS:

- Material (body and cap) : polyvinyl chloride (PVC)
- Material (membrane) : plasto-elastomer
- Color : light grey
- Connection diameters : \varnothing 32 to 110 mm

Reference	\varnothing D	\varnothing d	H
AMG3240	40	32	68
AMG5063	63	50	84
AMG7580	80	75	97
AMG100	110	100	132

IMPLEMENTATION:

The implementation must comply with the local regulations. The pressure balancing valve must be installed in a vertical position.

The unique design of Nicoll valves allows them to be installed by solvent-welding :

- In the attic, instead of a roof penetration solution*, thus avoiding thermal bridges.
- Below the overflow level of the sanitary devices.

Thanks to the removable cap, Nicoll valves provide access to the network for maintenance.

*Extract from the Standard Departmental Health Regulations – Article 42 (NB : check the Health Regulations of the concerned Department)

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There must be no obstacle to the circulation of air between the public sewer or the waste water treatment device and the outside atmosphere, through the sewage pipes and downspouts of the buildings, in particular when the connection requires the installation of a lifting station.

In order to meet this obligation, the wastewater downspouts must be extended outside the attic by a vent with an interior section at least equal to that of the said downspout.

The vents may however be replaced by air intake devices which have been recognized as suitable for use by a technical opinion issued in accordance with the provisions on the order establishing a commission responsible for formulating technical opinions on processes, materials, elements or equipment used in construction.

The installation of these devices can be carried out provided that at least one vent provides ventilation :

- A descent of waste water per building or per individual dwelling house ;
- One wastewater descent per group of twenty dwellings or equivalent premises located in the same building ;
- Any descent of more than 24 meters in height ;
- Any descent from 15 to 24 meters in height not equipped with an intermediate air inlet device ;
- The descent located at the upstream end of the collector collecting the effluents from the various descents.

These air intake devices can only be installed in uninhabited and ventilated attics or spaces or in service rooms equipped with a permanent ventilation system (wc, showers rooms, etc ...), exclusion of kitchens. They must be easily accessible without dismantling construction elements and effectively oppose any diffusion into the premises of emanation from the descent.

In any case, these devices cannot replace the vents necessary for the ventilation of on-site sanitation installations.

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No new waterfall can be established outside the buildings facing the street.
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