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Data sheet

ventilation valve & vent valve DIN 14463-3

Article no.: 604251

Description

The Ventilation Valve & Vent valve is according to DIN 14463-3 PN16
Inlet G2A Outlet G11/4' Ventilation performance max. 2500l/min
DVGW Weight: 1.74kg Dimensions: 137 x 82mm Material: brass and
plastic

Application

This product is used in preventive fire protection and in particular for
venting extinguishing water pipes 'dry' or 'wet/dry'. When filling an
extinguishing water pipe with water, air must be able to escape so that
water is available at the corresponding extraction points. This is done
automatically because the valve only closes when water is present and
opens again after the water has been drained



Important standards to be observed:

DIN 14462 Fire extinguishing water equipment – Planning and installation of wall hydrant systems and extinguishing water pipes 4.1.6 Drainage

Drainage systems must be installed for water accumulating during normal operation and for testing and maintenance purposes. These must be constructed and dimensioned in accordance with DIN 1986-100 or the standards of the DIN EN 12056 series. This applies in particular to aerators and vents.

4.2.1.2.3 Ventilation The 'dry' extinguishing water pipe must be equipped with an air valve in accordance with DIN 14463-3 at the end of each riser. The ventilation volume kvLuft must be at least 2000 l/min. Stubs longer than 2 metres to the tapping points must be provided with additional air valves according to the required ventilation volume.



Installation:

The ventilator must be installed in such a way that it is protected against environmental influences. A non-closable drain must be installed to the 1 1/4" outlet. The outlet must be protected against contamination of any kind, otherwise the floating ball will neither work nor seal. The ventilator must be checked for leaks, function and contamination in accordance with the applicable standards for checking the systems.

To prevent damage to the building, personal injury and damage to the system, installation must only be carried out by suitable and trained personnel!

Before installing and using this air valve, it is essential to read the installation instructions and to observe the notes and requirements contained therein.

Warnings:

1. The planner must ensure that the ventilation capacity is sufficient by using one or more aerators and vents.
2. Pressure surges must be avoided.
3. Installation may only be carried out vertically. The 2" external thread is at the bottom and is the inlet.
4. A non shut-off pipe must be installed at the outlet/overflow (1 1/4") to prevent water damage. This pipe must end in such a way that leaking water cannot cause any damage.
5. The aerators and vents are NOT approved for wet pipes.

A sufficient stabilisation section must be installed upstream of the aerator and vent. Turbulence will impair their function and cause water damage!!

Available variants

Art. no.: 604251

without a drainpipe



Art. No.: 604251ab

with a pre-installed drainpipe

