



TECHNIKA

Backdraught valve

VOZT



Description

The backdraught valve is used to install a ventilation system in buildings along with rectangular ducts. The valve is mounted between two ducts. The valve controls the flow of air through the duct. Airflow can only move in one direction. Flaps by their own weight close the valve when there is no air flow or from the opposite side. This type of valve can also be used as a pressure support system to prevent excessive overpressure in the ducts.

The body is made of aluminium. Blades are made of galvanised steel. The rectangular valve can be used at a temperature of -20 to +100 °C, insulated accordingly with the duct system. The maximum permissible absolute humidity inside and outside the air stream is 18 g/kg.

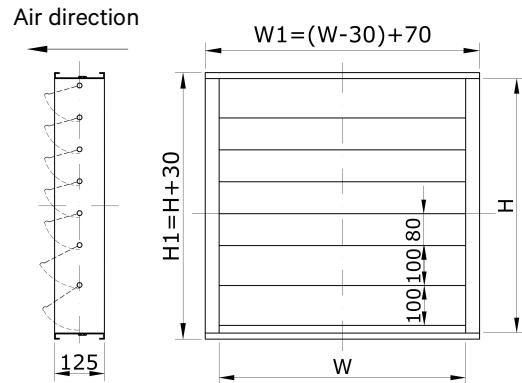
Ordering code

VOZT600400

Product
Size

Sample: VOZT600400 – rectangular back draught valve, with duct dimensions WxH - 600x400 mm.

Dimensions



Dimension H always has a pitch of 20 mm from height 260 (280, 300, 320, 340, 360, 380). Outer Dimension H1 + 30mm, 290 respectively (310, 330, 350, 370, 390, 410). The dimension W can be chosen any.

The external dimension W1 is obtained by reducing -30 mm and adding flanges +70 mm. When ordering VOZT400400, outside dimension will be 440x430 mm. The damper has flanges 15 mm high and 35 mm wide and connects to the duct flange L20 using clamps. Large valves with flange L30 are reduced by -10 mm across W and added by +70 mm. When ordering VOZT18001800, the outer dimension will be 1860x1860 mm. The valve can only be installed in the duct in a horizontal position.

	W [mm]	H [mm]
Minimum dimension	200	260
Maximum dimension	2100	2100

Weight formula [kg]	W [mm]	H [mm]
$m[\text{kg}] = 16 * W[\text{m}] * H[\text{m}]$	From 200 up to 2100	From 260 up to 2100

Technical data

