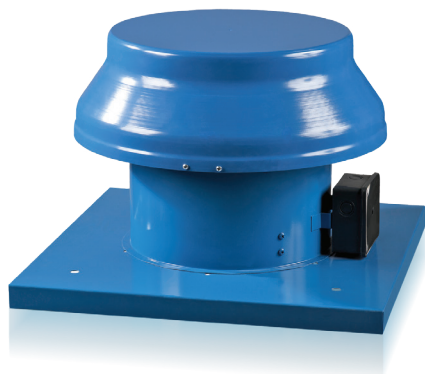


AXIAL ROOF FANS

 Series
VENTS VOK1


Axial roof fans with the air capacity up to **1700 m³/h** in the steel casing with the horizontal exhaust of air

Applications

Exhaust ventilation system for various premises suitable for roof mounting. Compatible with Ø 200 to 315 mm round air ducts.

Design

The fan casing is made of steel with polymeric coating, impeller is made of aluminium.

Motor

Single phase asynchronous motor with external rotor and built-in thermal protection with automatic restart. Ball bearings ensure long service life. Motor protection rating IP 44.

Speed control

Both smooth or step speed control is performed by means of the thyristor or autotransformer controller. Several fans can be connected to one controller under condition that the total power and operating current do not exceed the rated controller values.

Mounting

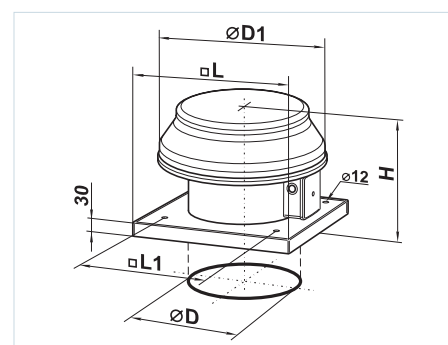
The fan is mounted on the roof directly above the ventilating duct or shaft and is firmly fixed to the flat surface by means of a connecting plate. While mounting VOK1 fans directly onto the flat roof a supporting block shall be provided to prevent water and snow drops into the vent of the ventilation shaft. Electrical connection and installation shall be performed in compliance with the manual and wiring diagram on the terminal box.

Technical data

	VOK1 200		VOK1 250		VOK1 315	
Voltage [V]	1~ 230					
Frequency [Hz]	50	60	50	60	50	60
Power [W]	43	33	68	76	110	104
Current [A]	0.28	0.21	0.48	0.51	0.75	0.7
Max. air capacity [m ³ /h]	405	470	1070	1050	1700	1650
RPM [min ⁻¹]	1300	1615	1300	1450	1300	1365
Noise level at 3 m [dBA]	32	31	48	48	54	54
Max. transported air temperature [°C]	40					
Protection rating	IP 24 (VKOM IP X4)					

Fan overall dimensions

Type	Dimensions [mm]					Weight [kg]
	ØD	ØD1	H	L	L1	
VOK1 200	208	345	280	425	330	6.1
VOK1 250	262	405	300	425	330	7.2
VOK1 315	314	555	380	585	450	11.5


Designation key

Series	Impeller diameter
VENTS VOK1	200; 250; 315

Accessories


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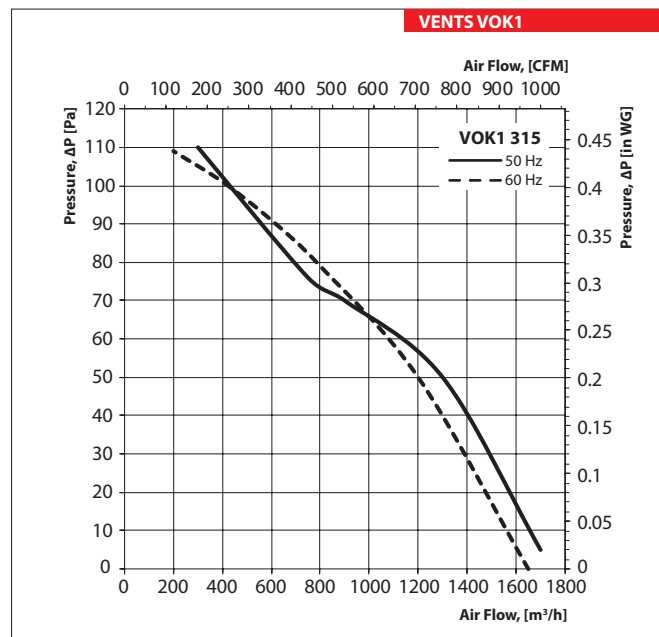
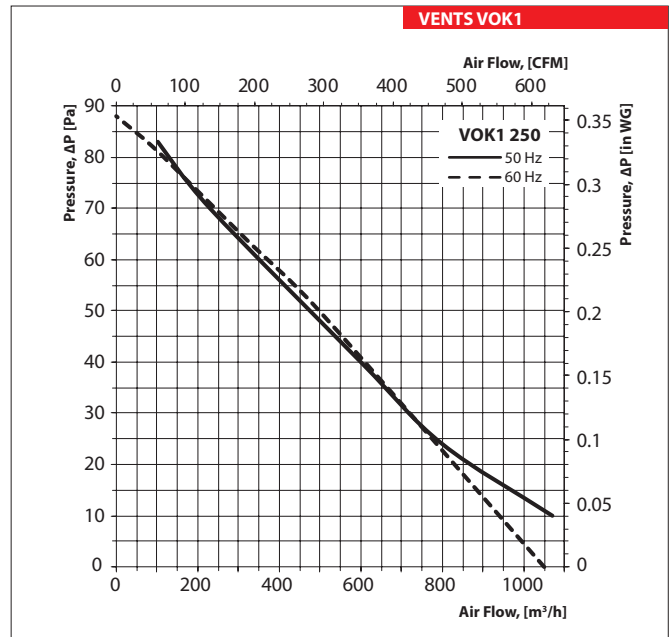
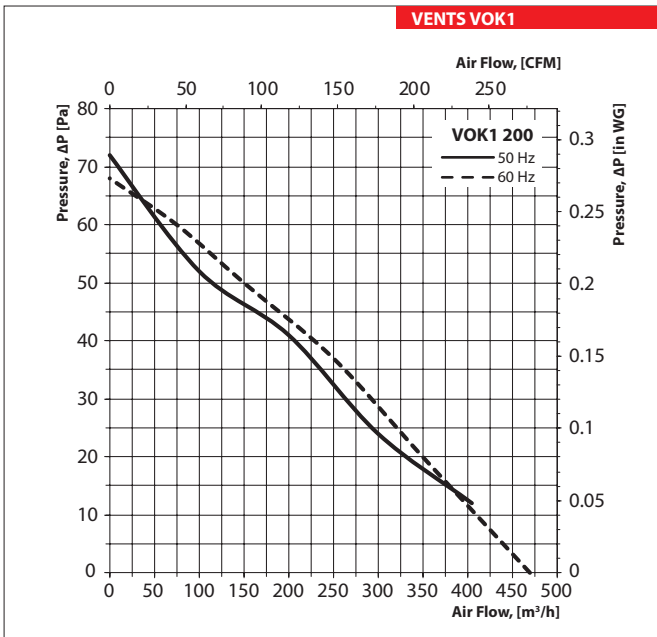
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FAN SERIES VENTS VOK1



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