

## Series VENTS VOK1



Axial roof fans with the air capacity up to **1700 m<sup>3</sup>/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

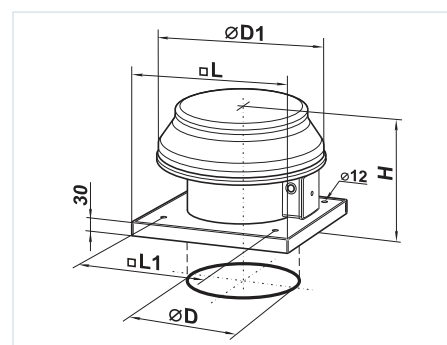
The fan is mounted on the roof directly above the ventilating duct or shaft and is firmly fixed to the flat surface by means of a connecting plate. While mounting VOK1 fans directly onto the flat roof a supporting block shall be provided to prevent water and snow drops into the vent of the ventilation 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 / 50 Hz]	230	230	230
Power [W]	43	68	110
Current [A]	0,28	0,48	0,75
Maximum air flow [m <sup>3</sup> /h]	405	1070	1700
RPM [min <sup>-1</sup> ]	1300	1300	1300
Noise level at 3 m [dBA]	32	48	54
Maximum operating temperature [°C]	50	50	50
Protection rating	IP X4	IP X4	IP X4

### Fan overall dimensions:

Type	Dimensions [mm]					Mass [kg]
	ØD	ØD1	H	L	L1	
VOK1 200	207	341	220	425	330	4,9
VOK1 250	262	401	250	425	330	6,8
VOK1 315	312	500	260	585	450	9,2



### Designation key:

Series	Impeller diameter
VENTS VOK1	200; 250; 315

### Accessories



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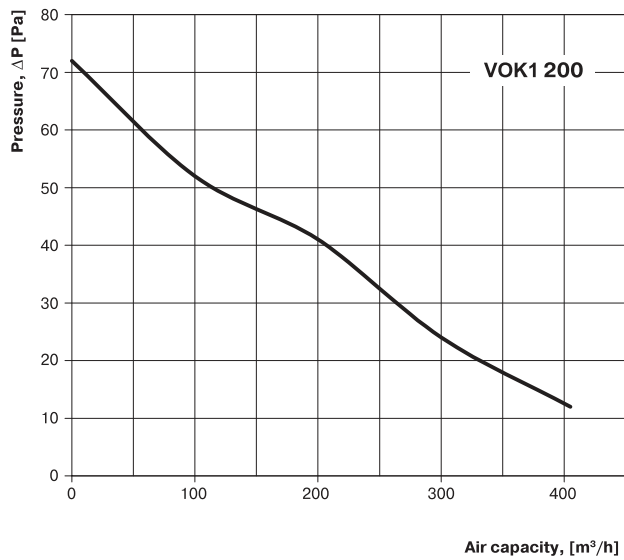


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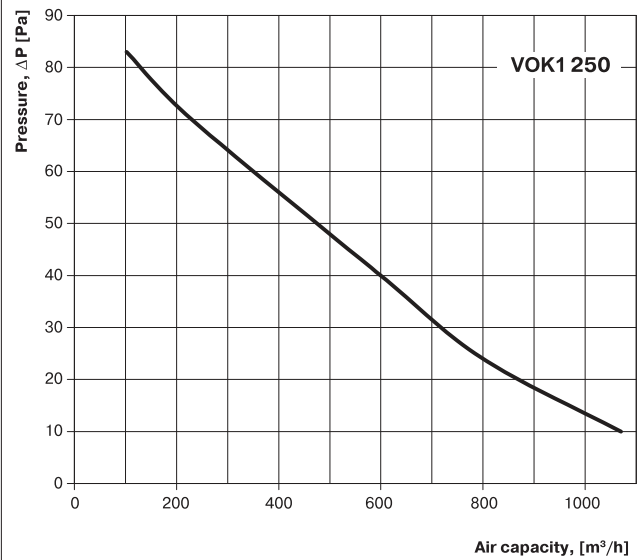
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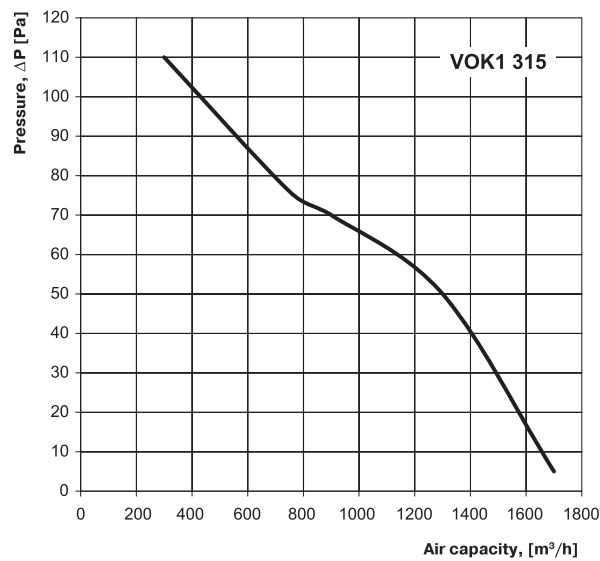
Sound-power level		Octave-frequency band [Hz]									
	Hz	Gen	63	125	250	500	1000	2000	4000	8000	
$L_{WA}$ to inlet	dBA	56	55	61	55	41	40	36	30	15	
$L_{WA}$ to environment	dBA	56	54	63	56	41	38	35	28	15	

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Sound-power level		Octave-frequency band [Hz]									
	Hz	Gen	63	125	250	500	1000	2000	4000	8000	
$L_{WA}$ to inlet	dBA	61	64	67	62	42	47	44	34	20	
$L_{WA}$ to environment	dBA	60	65	69	60	44	45	42	35	21	

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Sound-power level		Octave-frequency band [Hz]									
	Hz	Gen	63	125	250	500	1000	2000	4000	8000	
$L_{WA}$ to inlet	dBA	61	67	69	62	47	50	46	41	30	
$L_{WA}$ to environment	dBA	64	66	67	62	47	51	49	41	28	