

Series
VENTS VKP



Centrifugal fans in the steel casing with the air capacity up to **553 m³/h** for round ducts

■ **Applications**

Supply and exhaust ventilation systems for various premises with the limited mounting space. Suitable for connection with Ø 100 and up to 160 mm round ducts.

■ **Design**

The fan casing is made of steel with polymeric coating. The removable cover provides easy access to the motor, thus ensuring easy mounting as well as the fan and the air ducts maintenance without dismounting.

■ **Motor**

The centrifugal impeller with backward curved blades is powered by means of the single phase motor with external rotor and overheating protection with automatic restart. The motor is equipped with ball bearings for long service life designed for at least

40 000 hours. For precise features, safe operation and low noise, each turbine is dynamically balanced while assembly. Motor protection rating IP 44.

■ **Speed control**

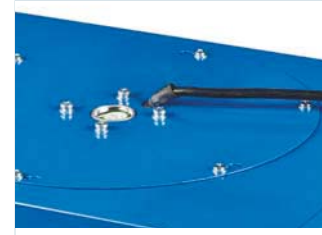
Smooth or step speed control with a thyristor or autotransformer speed controller. Several fans may be connected to one speed controller provided that the total power and operating current do not exceed the rated speed controller parameters.

■ **Mounting**

Mounting at any angle to wall is performed with fastening bracket supplied with the unit. The fan is powered through the external terminal box. Electric supply and mounting shall be performed in compliance with the manual and wiring diagram on the terminal box.



External terminal box for power supply



Easy access to motor without fan dismounting

Technical data:

	VKP 100	VKP 125	VKP 150	VKP 160
Voltage [V / 50 Hz]	230	230	230	230
Power [W]	58	58	85	85
Current [A]	0.26	0.26	0.38	0.38
Max. air capacity [m ³ /h]	240	340	553	553
RPM [min ⁻¹]	2500	2500	2600	2600
Noise level at 3 m [dBA]	47	48	50	50
Transported air temperature [°C]	-25 +50	-25 +50	-25 +40	-25 +40
Protection rating	IP X4	IP X4	IP X4	IP X4

Designation key:

Series	Exhaust spigot diameter	Intake spigot diameter	Number of intake spigots
VENTS VKP	100; 125; 150; 160	100; 125; 150; 160	_(by default) 1; 2; 4

Accessories



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Fan overall dimensions:

Type	Dimensions [mm]								Weight [kg]	Fig. no.
	ØD	ØD1	B	H	H1	L	L1	L2		
VKP 100	99	-	252	133	-	420	-	321	4.65	1
VKP 125	124	-	252	133	-	420	-	321	4.55	1
VKP 150	149	-	305	170	-	480	-	382	6.35	1
VKP 160	159	-	305	170	-	480	-	382	6.60	1
VKP 125/100*2	124	99	252	133	-	420	-	321	2.84	2
VKP 125/100*4	124	99	252	133	191	-	297	321	2.84	3
VKP 150/125*2	149	124	300	170	-	480	-	382	6.33	2

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