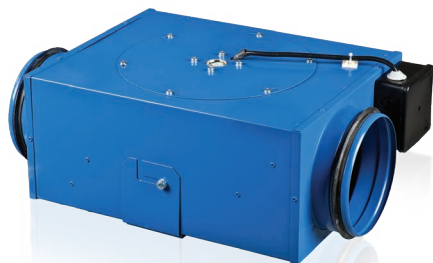


Series VENTS VKP



Centrifugal fans in the steel casing with the air flow up to **553 m³/h (50 Hz)** and **610 m³/h (up to 60 Hz)** for round ducts

■ Applications

Supply and exhaust ventilation systems for commercial, office and other public or industrial premises with limited installation 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 IP44.

■ 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

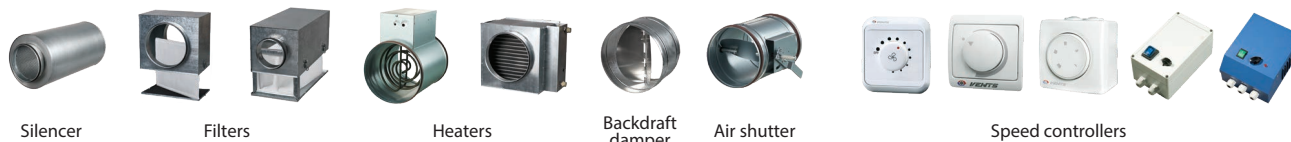
Technical data

	VKP 100		VKP 125		VKP 150 VKP 160	
Voltage [V]	1~230		1~230		1~230	
Frequency [Hz]	50	60	50	60	50	60
Power [W]	58	79	58	81	85	107
Current [A]	0.26	0.35	0.26	0.36	0.38	0.47
Max. air flow [m³/h]	240	250	340	355	553	610
RPM [min⁻¹]	2500	2730	2500	2750	2600	2810
Noise level at 3 m [dBA]	47	48	48	49	50	52
Transported air temperature [°C]	-25...+50	-25...+50	-25...+50	-25...+50	-25...+40	-25...+40
SEC class	C	C	B	B	B	B
Protection rating	IPX4		IPX4		P 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



Silencer

Filters

Heaters

Backdraft damper

Air shutter

Speed controllers

Fan overall dimensions

Type	Dimensions [mm]								Mass [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	—	376	321	2.84	3
VKP 150/125*2	149	124	300	170	—	480	—	382	6.33	2

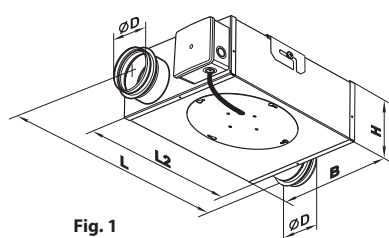


Fig. 1

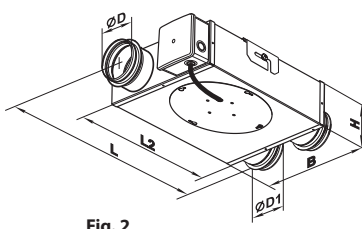


Fig. 2

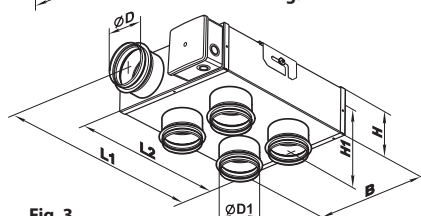
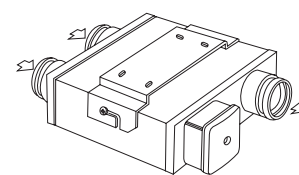
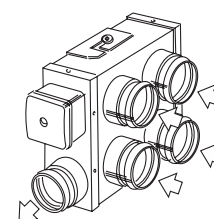


Fig. 3



2 inlets – 1 outlet



4 inlets – 1 outlet

