



Inline centrifugal fans in plastic casing with the air capacity up to 1700 m³/hr.

Applications

VK fans are applied for supply and exhaust ventilation systems of commercial, office and other premises.

Compatible with Ø 100, 125, 150, 200, 250 and 315 mm round air ducts. Due to the corrosion-resistant durable plastic casing, these models are the perfect solution for the installation in exhaust ventilation systems in humid premises such as bathrooms, kitchens etc.

Design

The casing is made of high-quality durable plastic. The fans are equipped with water-proof terminal boxes.

Motor

A centrifugal impeller with backward curved blades is powered by a single phase external rotor motor. The motor is equipped with self-resetting overheating protection.

The motor is equipped with ball bearings for a long service life designed for at least 40 000 operating hours.

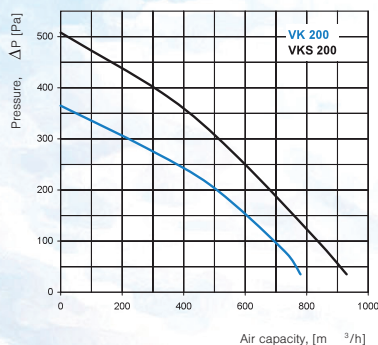
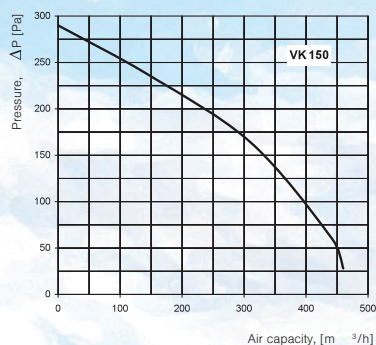
For precise features, safe operation and low noise, each impeller is dynamically balanced during assembly. Motor protection rating is IP44.

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

The fan is mounted in the ceiling with mounting brackets included into delivery set or with PVK holders, specially ordered accessory. The fan can be mounted at any angle. Electric connection and installation shall be performed in compliance with the manual and the wiring diagram on the terminal box.



ESC Code	oD	oD1	B	L	L1	L2	L3	Weight (kg)
VK150	150/160	300	310	286	30	30	30	2.45
VK200	200	340	354	276	30	30	40	3

ESC Code	Voltage [V/50Hz]	Power [W]	Current [A]	Max. Air Capacity [m ³ /h]	RPM [min]	Noise Level at 3m [dBA]	Transported Air Temp	SEC class	Protection Rating
VK150	230	80	0.35	460	2725	46	-25+55	B	IPX4
VK200	230	107	0.47	780	2660	48	-25+50	B	IPX4