

AXIAL DOMESTIC ELECTRIC FANS Type VKO



User's manual

APPLICATION

- Continuous or periodic exhaust ventilation of bathroom, showers, kitchens and other utility spaces.
- Exhaust or supply ventilation depending on the fan mounting type in the system.
- Designed for PVC ducting systems or flexible ducts.
- Low to medium air flow motion for short distances et low air resistance.
- Compatible with 100, 125 and 150 mm air ducts.
- Range temperature : 0 - 45°C

CONSTRUCTION

Casing and impeller : High-quality ABS, UV resistant

Protection IPX4

Reliable, low watt electric motor for continuous operation, no maintenance required

Overheating protection

VKO complies with the requirements according to the EU norms and directives, to the relevant EU-Low Voltage Equipment Directives, EU-Directives on Electromagnetic Compatibility.

TECHNICAL DATA

Type	Outlet Ø mm	Voltage 50 Hz	Power W	Current A	Speed rpm	Capacity M³/h	Noise level at 3m dB(A)
VKO 100	100	220-240 V	14 W	0,085 A	2300	105	37
VKO 125	125	220-240 V	16 W	0,100 A	2400	188	38
VKO 150	150	220-240 V	24 W	0,130 A	2400	298	40

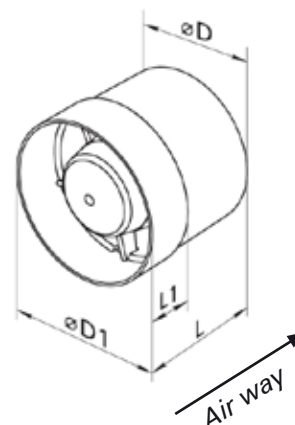
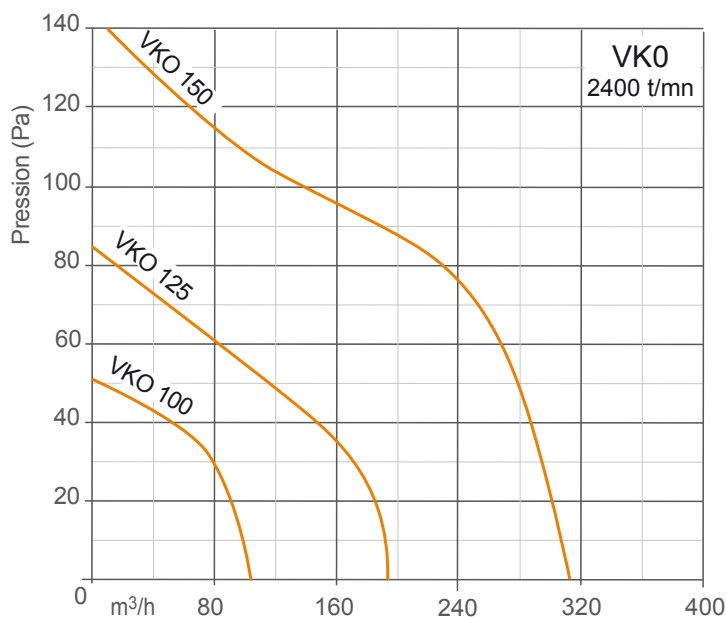
MOUNTING FEATURE

Fan operation beyond the operational temperature range as well as in rooms with ambient air containing aggressive admixes is prohibited. Precautions must be taken to avoid the back-flow of gases into the room from the open flue of gas or other fuel-burning appliances.

- The fan is controlled by a room light switch. It is not included in the delivery package.
- Speed control is possible through a thyristor speed controller. Several fans may be connected to the same regulator units.
- The fan is mounted into a matching duct size. Fastening with clamps in case of flexible duct connection.
- This fan can be mounted on horizontal or vertical flat.
- Two fans can be installed in series for higher performance.



DIAGRAMS



DIMENSIONS (MM)

Type	D	D1	L	L1	Kg
VKO 100	100	104	91	31	0,41
VKO 125	125	129	93	31	0,43
VKO 150	150	154	108	46	0,80

CONNECTION

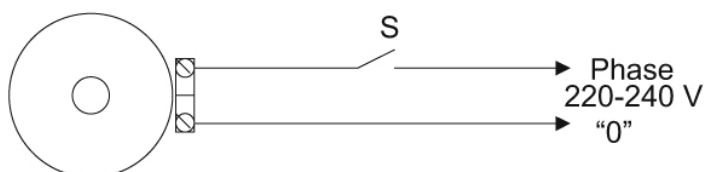
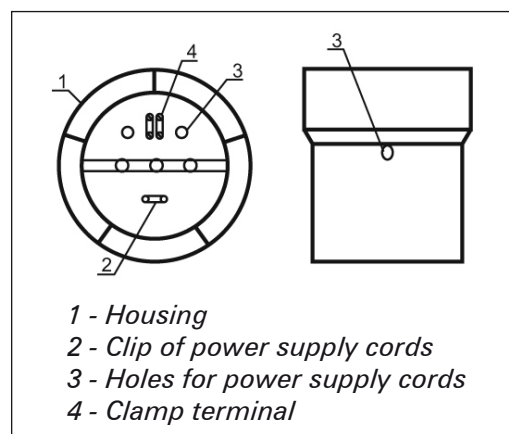
ATTENTION! All maintenance works and connection of fans are to be performed only after switching off mains.

Connection of fans to electric power supply must be performed only through switch with actuation length not less than 3 mm at all poles.

Direction of air-charging is to comply with direction of arrow on the fan case.

VKO fans are mounting in ventilation air ducts from both ends and nipped with clamps.

- Take away a protective cowl.
- Pass power supply cords through a hole 3,
- Smooth out wire rags at length 7-8 mm
- Clamp terminals 4 against stop to the metal part of the clamp and tighten them with screws.
- Fix cords with the help of clip 2.
- Reinstall protective cowl and grid back.



S is switch installed additionally.