

VENTS M10K2 Series



Axial window fans for exhaust ventilation with the capacity up to 232 m³/h

Applications

- Continuous or periodic exhaust ventilation of bathroom, showers, kitchens and other utility spaces.
- For mounting in windows.



Back side of M10K2 fan

Design

- Modern design and aesthetic look.
- The casing and the impeller are made of high-quality durable ABS plastic, UV resistant.
- The intellectual impeller design makes the fan efficiency high and the service life long.
- The fan and motor are specially designed for silent operation.
- Fan is equipped with a backdraft damper for back flow preventing.
- The fan is equipped with an external hood.
- Protection rating IP 24.

Motor

- Reliable and low-watt electric motor.
- Designed for continuous operation and requires no maintenance.
- Equipped with overheating protection.

Modifications and Options

M10K2 L – the motor is equipped with ball bearings for long service life (appr. 40 thousand hours) and fan mounting at any angle. The bearings are maintenance-free and contain enough grease for the entire operating period.

M10K2 turbo – high-powered motor.

M10K2 12 – modification with low-voltage motor. 12 V AC power supply.

M10K2 T – equipped with a regulated timer with the operating time from 2 to 30 minutes.

M10K2 V – equipped with a pull cord switch.

M10K2 VT – equipped with a pull cord switch and a regulated timer with the operating time adjustable from 2 to 30 minutes.

Control

Manual:

- The fan is controlled by a room light switch. It is not included in the delivery package.
- The fan is controlled by the built-in pull cord switch **V**.
- Speed control is possible through a thyristor speed controller (see Electrical Accessories). Several fans may connected to the same controller. Speed controllers can not be connected to the fans with T, TH, TP, VT, VTH modification.

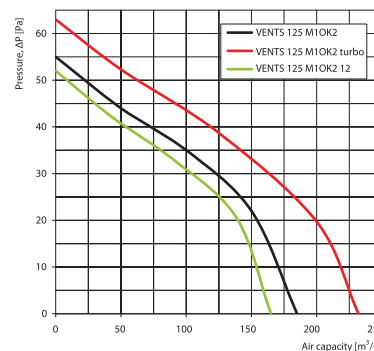
Automatic:

- By the electronic control unit **BU-1-60** (see Electrical Accessories). The control unit is supplied separately.
- By the timer **T** (the built-in run-out timer enables the fan operation within 2 to 30 minutes after the fan switching off).

Mounting features

- The fan is mounted directly into the window opening.
- For 12 V low-voltage motor fan connection to 220 V / 50 Hz power mains use the step-down transformer TRF220/12-25 that is available upon separate order.

Aerodynamic characteristics



Technical data

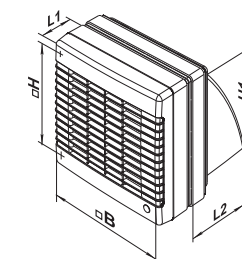
Model	Frequency [Hz]	Voltage [V] / 50 Hz	Power Consumption [W]	Current [A]	R.p.m.	Maximum air capacity [m ³ /h]	Sound Pressure Level at 3 m [dB(A)]	SEC class	Weight [kg]
VENTS 125 M10K2	50/60	220-240	22	0,1	2400	185	35	E	1,15
VENTS 125 M10K2 turbo	50/60	220-240	24	0,105	2400	232	37	E	1,31
VENTS 125 M10K2 12	50/60	12	16	1,7	2300	165	34	E	1,13

Mounting example



Overall dimensions

Model	Dimensions [mm]					
	Ø D	B	H	H1	L1	L2
VENTS 125 M10K2	–	190	173	160	58	123



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Accessories

Speed controllers



Certificates

CE, GS, ME 10, B, IP 24 The fans meet the applicable safety and electromagnetic compatibility standards.