

### VENTS M10K2 Series



Axial window fans for exhaust ventilation with the capacity up to 232 m<sup>3</sup>/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.

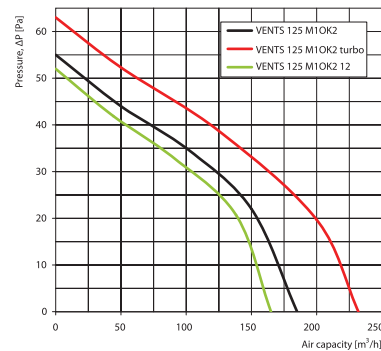
##### Automatic:

- 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

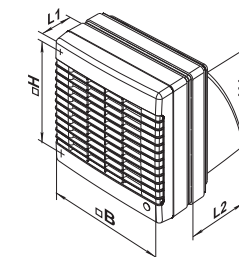
Model	Frequency [Hz]	Voltage [V] / 50 Hz	Power Consumption [W]	Current [A]	R.p.m.	Maximum air capacity [m <sup>3</sup> /h]	Sound Pressure Level at 3 m [dB(A)]	SEC class	Weight [kg]
VENTS 125 M10K2	50/60	220-240	22	0,1	2400	185	35	E	1,15
VENTS 125 M10K2 turbo	50/60	220-240	24	0,105	2400	232	37	E	1,31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



#### Accessories

Speed controllers



#### Certificates

The fans meet the applicable safety and electromagnetic compatibility standards.