

## VENTS MAO1 Series



Axial window fans for exhaust ventilation with the capacity up to 345 m<sup>3</sup>/h

## VENTS MAO2 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.

### 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 thermal actuator that provides smooth opening and shutting of automatic louver shutters for air back flow preventing.
- MAO2 Series fans are 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



**MAO1 L / MAO2 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.



**MAO1 turbo / MAO2 turbo** – high-powered motor.



**MAO1 12 / MAO2 12** – modification with low-voltage motor. 12 V AC power supply.



**MAO1 T / MAO2 T** – equipped with a regulated timer with the operating time from 2 to 30 minutes.



**MAO1 V / MAO2 V** – equipped with a pull cord switch.



**MAO1 VT / MAO2 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 TRF 220/12-25 that is available upon separate order.



Back side of MAO2 fan



Fan OFF - louver shutters CLOSED



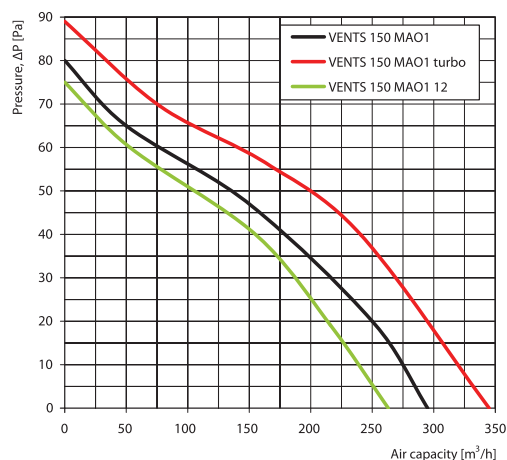
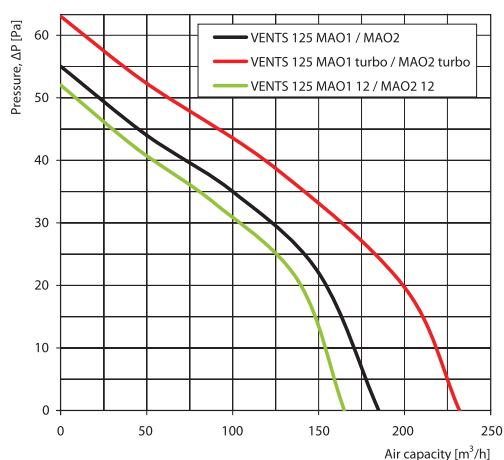
Fan ON - louver shutters OPEN

### Accessories

#### Speed controllers



## Aerodynamic characteristics

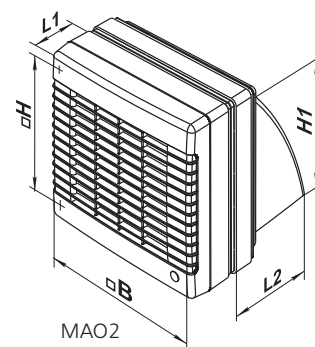
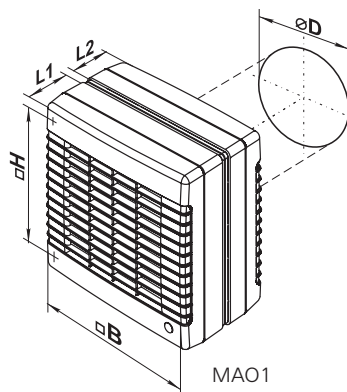


## Technical data

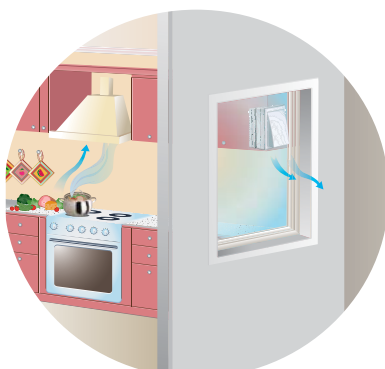
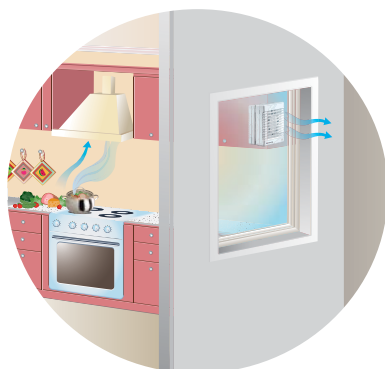
Model	Voltage [V] at 50 Hz	Power Consumption [W]	Current [A]	r.p.m.	Maximum air capacity [m³/h]	Sound Pressure Level at 3 m [dB(A)]	SEC class	Weight [kg]
VENTS 125 MAO1	220-240	22	0,1	2400	185	35	E	1,15
VENTS 150 MAO1	220-240	26	0,13	2400	295	41	E	1,53
VENTS 125 MAO1 turbo	220-240	24	0,105	2400	232	37	E	1,31
VENTS 150 MAO1 turbo	220-240	29	0,13	2400	345	43	E	1,67
VENTS 125 MAO1 12	12	16	1,7	2300	165	34	E	1,13
VENTS 150 MAO1 12	12	24	2	2300	263	40	E	1,49
VENTS 125 MAO2	220-240	22	0,1	2400	185	35	E	1,14
VENTS 125 MAO2 turbo	220-240	24	0,105	2400	232	37	E	1,24
VENTS 125 MAO2 12	12	16	1,7	2300	165	34	E	1,12

## Overall dimensions

Model	Dimensions [mm]					
	Ø D	B	H	H1	L1	L2
VENTS 125 MAO1	125	190	173	—	58	53
VENTS 150 MAO1	150	212	195	—	66	60
VENTS 125 MAO2	—	190	173	160	58	123



## Mounting examples



## Certificates

IP 24 The fans meet the applicable safety and electromagnetic compatibility standards.