**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.

**AXIAL WINDOW FANS**

**VENTS MAO1 Series**
Axial window fans for exhaust ventilation with the capacity up to 345 m³/h

**VENTS MAO2 Series**
Axial window fans for exhaust ventilation with the capacity up to 232 m³/h

**Back side of MAO2 fan**
Fan OFF - louver shutters CLOSED
Fan ON - louver shutters OPEN

**Accessories**
- Speed controllers
### Aerodynamic characteristics

![Aerodynamic characteristic graphs](image)

### Technical data

<table>
<thead>
<tr>
<th>Model</th>
<th>Frequency [Hz]</th>
<th>Voltage [V]</th>
<th>Power Consumption [W]</th>
<th>Tor. A</th>
<th>R.p.m.</th>
<th>Maximum air capacity [m³/h]</th>
<th>Sound Pressure Level at 3 m [dB(A)]</th>
<th>SEC class</th>
<th>Weight [kg]</th>
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</thead>
<tbody>
<tr>
<td>VENTS 125 MAO1</td>
<td>50/60</td>
<td>220-240</td>
<td>22</td>
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<td>185</td>
<td>35 [E]</td>
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<tr>
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<td>220-240</td>
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</table>

### Overall dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions [mm]</th>
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<tbody>
<tr>
<td>Ø D</td>
<td>B</td>
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<tr>
<td>VENTS 150 MAO1</td>
<td>150 212 195 – 66 60</td>
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<tr>
<td>VENTS 125 MAO2</td>
<td>– 190 173 160 58 123</td>
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</tbody>
</table>

### Mounting examples

![Mounting examples](image)

### Certificates

The fans meet the applicable safety and electromagnetic compatibility standards.