LOW-NOISE AND ENERGY-SAVING AXIAL FANS

Series
Vents Quiet-Mild

Innovative axial low-noise and energy-saving fans for exhaust ventilation with air flow up to 370 m³/h

Applications
- Innovative exhaust fan with stylish design for new comfort level in shower rooms, bathrooms, kitchens and other residential premises.
- Maximum air flow combined with low noise level provide the ideal microclimate.
- Mounting into ventilation shafts or connection to Ø 100, 125, 150 mm.

Design
- Casing and impeller made of high-quality and durable UV-resistant plastic.
- Specially designed impeller aerodynamic profile provides high air flow and low noise.
- The shortened spigot for mounting into a ventilation shaft or connection to Ø 100, 125, 150 mm air ducts.
- The fan is equipped with a specially designed back valve to prevent back flow and heat losses during the fan standby.
- The fan exhaust spigot incorporates specially designed air rectifiers to reduce air turbulence, increase air pressure and lower noise level.
- High ingress protection rating makes the fan the ideal solution for ventilation of a bathroom.
- The electronic components are protected with tight covers.
- The fans VENTS 150 Quiet-Mild and VENTS 150 Quiet-Mild Extra are additionally equipped with a special vibration absorbing sealant along the fan contour.

Motor
- Reliable ball bearing motor with low energy demand from 7.5 W.
- Maintenance-free bearings contain enough grease for 40 000 hrs non-stop operation.
- The motor rests on rubber anti-vibration connectors to ensure low-noise operation of the fan.
- The motor is equipped with overheating protection.
- Vents 150 Quiet-Mild model is equipped with a two speed motor. Vents 150 Quiet-Mild Extra model is equipped with a two speed high-powered motor.

Modifications and options
- Quiet-Mild Extra – modification with a high-powered motor.
- Quiet-Mild T – turn-off delay timer modification (from 2 to 30 min).
- Quiet-Mild TH – turn-off delay timer modification (from 2 to 30 min) and humidity sensor with set point from 60 to 90 %.
- Quiet-Mild V – pull-cord switch modification.
- Quiet-Mild VT – modification with pull-cord switch and turn-off delay timer (from 2 to 30 min).
- Quiet-Mild VTH – modification with pull-cord switch, turn-off delay timer (from 2 to 30 min) and humidity sensor with set point from 60 to 90 %.
- Quiet-Mild TP – modification with turn-off delay timer (from 2 to 30 min) and motion sensor (reach distance from 1 to 4 m, viewing angle up to 100°).
- Models VENTS 150 Quiet-Mild with modification T/TP/VT/VTH additionally supplied with turn-on delay timer adjustable from 0 to 2 minutes.

Operation modes of fans
150 Quiet-Mild and 150 Quiet-Mild Extra

Operation modes for T modifications of VENTS 150 Quiet-Mild and VENTS 150 Quiet-Mild Extra models are selected by setting the switch.

Mode 1 (single-speed mode)
- The fan is turned off by default. The fan starts operating at the low speed when the switch is closed or the sensors are activated.

Mode 2 (single-speed mode)
- The fan is turned off by default. The fan starts operating at the high speed when the switch is closed or the sensors are activated.

Mode 3 (two-speed mode)
- The fan operates at the low speed by default. The fan switches to the high speed when the switch is closed or the sensors are activated.

Mode 4 (two-speed mode)
- The fan is turned off by default.
- The fan starts operating at the low speed when the switch is closed. The fan switches to the high speed when the humidity sensor is activated.

Control
- Manual control:
  - Manual control with a room light switch. The switch is not included in the delivery set.
  - The fan is controlled by the built-in pull cord switch V. Not applied in case of ceiling mounting.
  - Speed control is performed with a thyristor speed controller or with P2-1-300 speed switch (only for fans VENTS 150 Quiet-Mild and VENTS 150 Quiet-Mild Extra), see Electrical Accessories).

- Operation modes for T modifications of VENTS 150 Quiet-Mild and VENTS 150 Quiet-Mild Extra, see Electrical Accessories. Speed controllers can not be connected to the fans with T, TH, VT, VTH modification.

- Automatic control:
  - By the electronic control unit BU–1–60 (see Electrical Accessories). The control unit is supplied separately.
  - By the timer T (the built-in turn-off delay timer enables the fan operation within 2 to 30 minutes after the fan switching off).
  - By the humidity sensor and timer TH (if the humidity level in the room exceeds the sensor set value within 60-90 % the fans switches automatically on and operates until the humidity level drops to the standard level, after that the fan continues operating within the set time period and shuts down).
  - By the motion sensor and timer TP (if motion is detected in the reach area, the fan is switched automatically on and operates within the set time period from 2 to 30 min. Reach distance up to 4 m, the max. viewing angle 100°).

Mounting features
- Installation directly inside a ventilation shaft.
- Flexible air ducts may be used in case of remote location of the ventilation shaft. Connection of the air duct to the exhaust flange with a clamp.
- Wall mounting with screws.
- Suitable for ceiling mounting.

Colour modifications
100/125/150 Quiet-Mild red RAL 3013
100/125/150 Quiet-Mild vintage
100/125/150 Quiet-Mild alu lak
100/125/150 Quiet-Mild chrome
100/125/150 Quiet-Mild black sapphire
### Technical data

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<tbody>
<tr>
<td>VENTS 100 Quiet-Mild</td>
<td>–</td>
<td>50</td>
<td>220-240</td>
<td>7.5</td>
<td>0.049</td>
<td>97</td>
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### Design features

- Reliable motor on ball bearings
- New energy-saving motor
- High ingress protection rating
- Compact dimensions
- Rubber anti-vibration connectors for vibration absorption
- Back valve
- Aerodynamic impeller
- Casing and impeller are made of high-quality, durable, UV-resistant plastic
- Aerodynamic characteristics

### Aerodynamic characteristics

- [Air flow vs Pressure graph for VENTS 100 Quiet-Mild](#)
- [Air flow vs Pressure graph for VENTS 125 Quiet-Mild](#)
- [Air flow vs Pressure graph for VENTS 150 Quiet-Mild Extra](#)

### Overall dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>Ø [mm]</th>
<th>D [mm]</th>
<th>B [mm]</th>
<th>H [mm]</th>
<th>L [mm]</th>
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### Certificates

The fans meet the applicable safety and electromagnetic compatibility standards.