

## VENTS Quiet-Style Series



Intellectual axial low-noise and energy-saving fan for exhaust ventilation with air flow up to 90 m<sup>3</sup>/h

### Application

- 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 mm.

### Design

- Casing, impeller and frontpanels made of high-quality and durable UV-resistant plastic.
- Specially designed impeller aerodynamic profile provides high air flow and low noise.
- The compact design enables wall and ceiling mounting.
- The shortened spigot for mounting into a ventilation shaft or connection to Ø 100 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 ensures makes the fan the ideal solution for ventilation of a bathroom. The electronic components are protected with tight covers.

### Colour modifications



Quiet-Style A  
(with a decorative aluminium surface-mounted panel)

### Motor

- Low energy demand 7.5 W due to new high-efficient motor.
- Maintenance-free bearings contain enough grease for 40 000 hrs non-stop operation.
- Motor on special anti-vibration dampers for vibration absorbing and silent operation.
- Motor equipped with overheating protection.

### Modifications and Options



**Quiet-Style T** – off-delay timer modification with operating time from 2 to 30 min.



**Quiet-Style TH** – off-delay timer modification with the operating time from 2 to 30 min and humidity sensor with threshold from 60 to 90 %.



**Quiet-Style V** – pull-cord switch modification.



**Quiet-Style VT** – modification with pull-cord switch and off-delay timer with operating time from 2 to 30 min.



**Quiet-Style VTH** – modification with pull-cord switch, off-delay timer with operating time from 2 to 30 min and humidity sensor with threshold from 60 to 90 %.

### Control

#### Manual control:

- Manual control with a room light switch. The switch is not included into delivery set.
- The fan is controlled by the built-in pull cord switch **V**. Not applied in case of ceiling mounting.
- Speed control is possible through a thyristor speed controller, see Electrical Accessories. Several fans may be connected to the same controller. 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 threshold within 60-90 % the fan 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).

### Mounting features

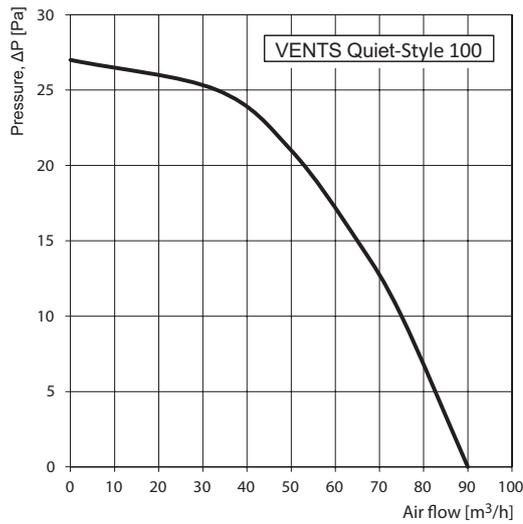
- Installation directly inside a ventilation shaft.
- Flexible air ducts may be used in case of remote location of the ventilation shaft. Connection of the air duct to the exhaust flange with a clamp.
- Wall mounting with screws.
- Suitable for ceiling mounting.



### Technical data

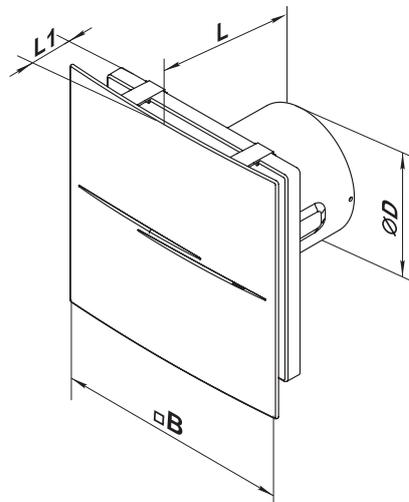
| Model                               | Frequency [Hz] | Voltage [V] | Power Consumption [W] | Current [A] | Maximum air capacity [m <sup>3</sup> /h] | Sound Pressure Level at 3 m [dBA] | Weight, kg | IP   |
|-------------------------------------|----------------|-------------|-----------------------|-------------|--|-----------------------------------|------------|------|
| VENTS Quiet-Style 100               | 50             | 220-240     | 7.5                   | 0.050       | 90                                       | 26                                | 0.66       | IP45 |
| VENTS Quiet-Style 100 (220 V/60 Hz) | 60             | 220         |                       |             |  |                                   |            |      |

### Aerodynamic characteristics



### Overall dimensions

| Model                 | Dimensions [mm] |     |     |    |
|-----------------------|-----------------|-----|-----|----|
|                       | ∅ D             | □ B | L   | L1 |
| VENTS Quiet-Style 100 | 99              | 200 | 130 | 49 |



### Certificates



The fans meet the applicable safety and electromagnetic compatibility standards.