

VENTS Quiet Series



Intellectual axial low-noise and energy-saving fan for exhaust ventilation with air capacity up to 97 m³/h

Applications

- Innovative exhaust fan with stylish design for new comfort level in shower rooms, bathrooms, kitchens and other residential premises.
- Maximum air capacity combined with low noise level provide the ideal microclimate.
- Mounting into ventilation shafts or connection to Ø100 mm.

Design

- Casing and impeller made of high-quality and durable UV-resistant plastic.
- The stylish design matches well with any interior.
- Specially designed aerodynamic profile provides high air capacity and low noise.
- The compact design enables wall and ceiling mounting.
- The shortened spigot (81 mm) for mounting into a ventilation shaft or connection to Ø100 mm air duct.
- 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 IP 45 ensures makes the fan the ideal solution for ventilation of a bathroom. The electronic components are protected with tight covers.

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 - basic model with a back valve.



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



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



Quiet V - pull-cord switch modification.



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



Quiet 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%.



Quiet TP - modification with off-delay timer with operating time from 2 to 30 min and motion sensor; reach distance up to 4 m, viewing angle up to 100°.

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 connected to the same controller.

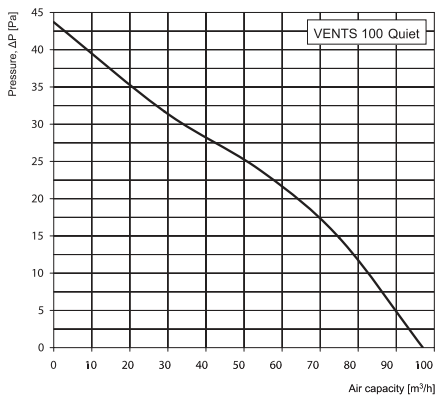
Automatic control:

- By the electronic control unit **BU-1-60** (see Electrical Accessories). The control unit is supplied separately.
- By the timer **T** (the built-in run-out 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).
- By the motion sensor and timer **TP** (if motion is detected in the reach area, the fan is switched automatically 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

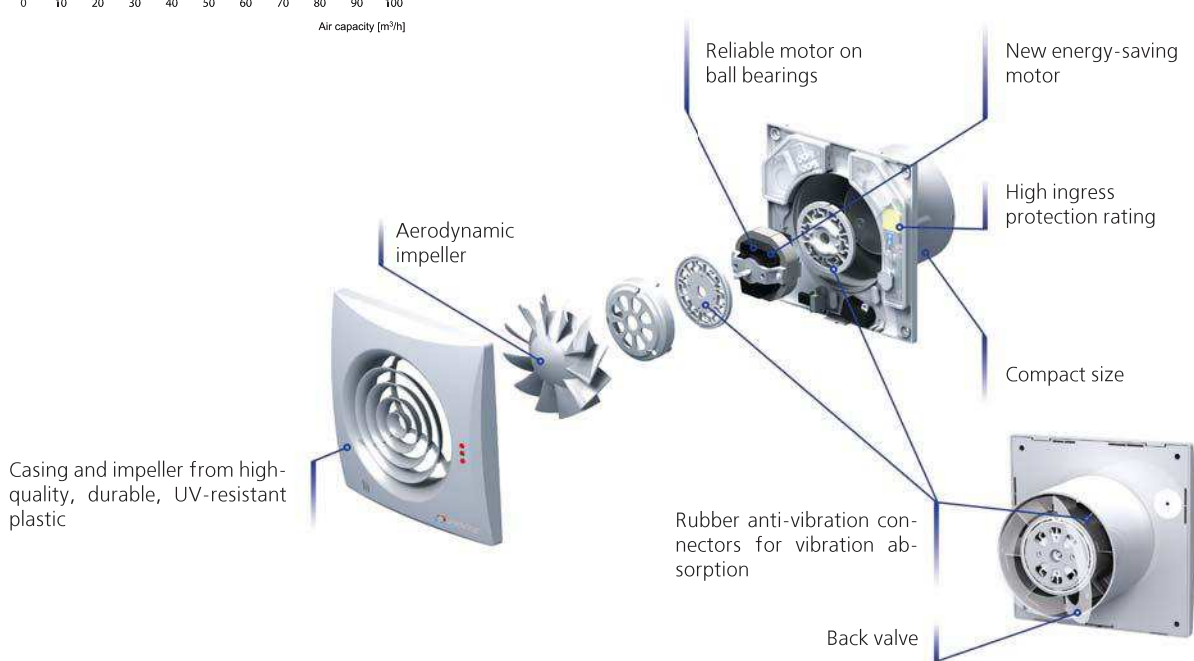
- Installation directly inside a ventilation shaft.
- Flexible air ducts may be used in case of remote location of the ventilation shaft. Connection of the air duct to the exhaust flange with a clamp.
- Wall mounting with screws.
- Suitable for ceiling mounting.

Aerodynamic characteristics



Technical data

Model	Voltage [V] at 50 Hz	Power Consumption [W]	Current [A]	Maximum air capacity [m³/h]	Sound Pressure Level at 3 m [dB(A)]	Weight [kg]
VENTS 100 Quiet	230	7,5	0,049	97	25	0,55

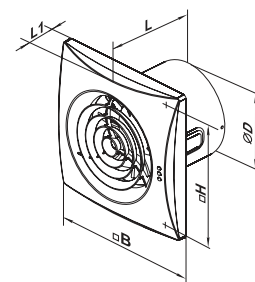


Mounting example



Overall dimensions

Model	Dimensions, mm				
	Ø D	B	H	L	L1
VENTS 100 Quiet	99	158	136	107	26



Certificates



The fans meet the applicable safety and electromagnetic compatibility standards.