

### VENTS VV Series



Axial window fan with automatic louver shutters for exhaust ventilation with the capacity up to 455 m<sup>3</sup>/h

### VENTS VVR Series



Axial window fan with automatic louver shutters and reversing motor for exhaust and supply ventilation with the capacity up to 455 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.
- Equipped with automatic louver shutter for air back flow prevention.
- Protection rating IP 24.

#### Motor

- Reliable and low-watt electric motor.
- Designed for continuous operation and requires no maintenance.
- Equipped with overheating protection.
- **VVR** series fans are equipped with a reversing motor for combination of air exhaust and air supply functions.

#### Control

##### Manual:

- The fan is controlled by a room light switch. It is not included in the delivery package.
- 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, TP, VT, VTH modification.

##### Automatic:

- By the electronic control unit BU-1-60 (see Electrical Accessories). The control unit is supplied separately.

#### Mounting features

- The fan is mounted directly into the window opening.

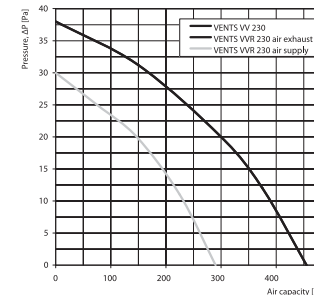
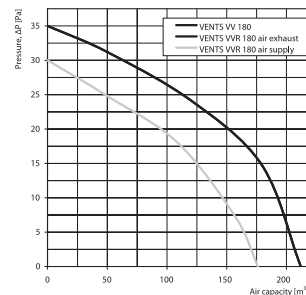


Fan ON - louver shutters OPEN



Fan OFF - louver shutters CLOSED

#### Aerodynamic characteristics



#### Technical data

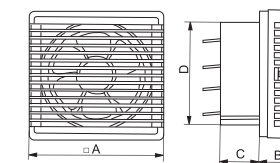
Model		Frequency [Hz]	Voltage [V]	Power Consumption [W]	Current [A]	R.p.m.	Maximum air capacity [m <sup>3</sup> /h]	Sound Pressure Level at 3 m [dB(A)]	Weight [kg]
VENTS VV 180	air exhaust	50/60	220-240	25	0,10	1400	212	31	1,6
	air exhaust						212	31	1,6
VENTS VVR 180	air exhaust	50/60	220-240	25	0,10	1400	176	31	1,6
	air supply						176	31	1,6
VENTS VV 230	air exhaust	50/60	220-240	29	0,13	1300	455	32	2,2
	air exhaust						455	32	2,2
VENTS VVR 230	air exhaust	50/60	220-240	29	0,13	1300	290	32	2,2
	air supply						290	32	2,2

#### Mounting example



#### Overall dimensions

Model	Dimensions [mm]			
	A	B	C	D
VENTS VV 180	230	65	87	177
VENTS VVR 180	230	65	87	177
VENTS VV 230	295	74	85	237
VENTS VV 230	295	74	85	237



#### Accessories

Speed controllers



#### Certificates



The fans meet the applicable safety and electromagnetic compatibility standards.