

VENTS WV Series



Axial window fan with automatic louver shutters for exhaust ventilation with the capacity up to 455 m³/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 m³/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 regulator unit.

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



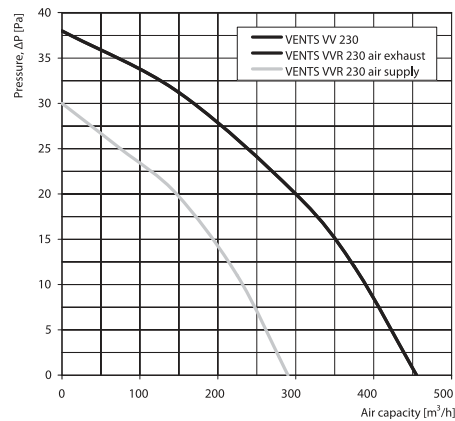
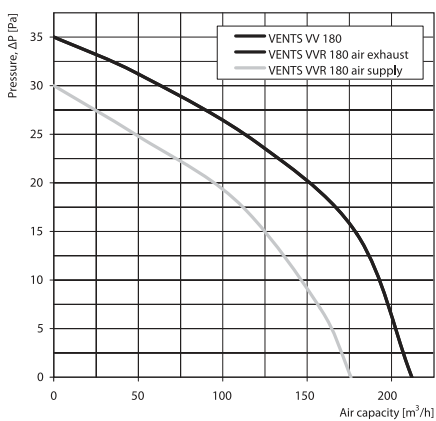
Fan OFF - louver shutters CLOSED

Accessories

Speed controllers



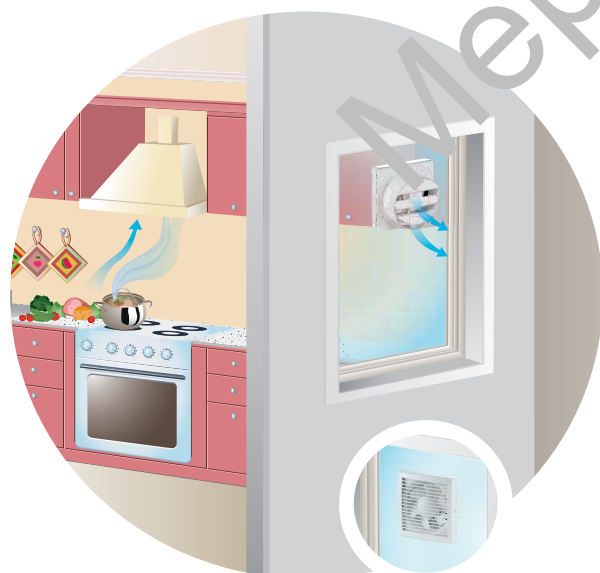
Aerodynamic characteristics



Technical data

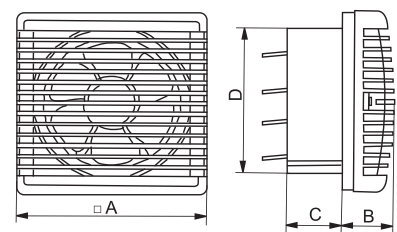
| Model | | Voltage [V] at 50 Hz | Power Consumption [W] | Current [A] | r.p.m. | Maximum air capacity [m³/h] | Sound Pressure Level at 3m [dB(A)] | Weight [kg] |
|---------------|-------------|----------------------|-----------------------|-------------|--------|-----------------------------|------------------------------------|-------------|
| VENTS VV 180 | air exhaust | 220-240 | 25 | 0,10 | 1400 | 212 | 31 | 1,6 |
| VENTS VVR 180 | air exhaust | 220-240 | 25 | 0,10 | 1400 | 212 | 31 | 1,6 |
| | air supply | | | | | 176 | 31 | |
| VENTS VV 230 | air exhaust | 220-240 | 30 | 0,13 | 1300 | 455 | 32 | 2,2 |
| VENTS VVR 230 | air exhaust | 220-240 | 30 | 0,13 | 1300 | 455 | 32 | 2,2 |
| | air supply | | | | | 290 | 32 | |

Mounting examples



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 |



Certificates



The fans meet the applicable safety and electromagnetic compatibility standards.