

## Series VENTS Quiet-Mild Duo



Two-speed axial low-noise and low energy fans for exhaust ventilation with air flow up to 170 m<sup>3</sup>/h

### Application

- Innovative exhaust fan with stylish design.
- Ideal for intermittent or continuous ventilation of bathroom, showers, kitchens and other utility spaces.
- Two-speed ventilation up to 170 m<sup>3</sup>/h.
- Permanent low-speed operation mode ensures continuous minimum air exchange in the room.
- Ventilation shaft mounting or connection to Ø 100 and 125 mm air ducts.

### Design

- The casing and the impeller of the fan are made of high-quality durable plastic, UV resistant.
- The aerodynamic design of the impeller ensures high air flow and low noise level.
- The compact design enables wall and ceiling installation.
- A shortened spigot for mounting into a ventilation shaft or direct connection to Ø 100 mm and 125 mm air ducts.
- The fan is equipped with a specially designed backdraft damper to prevent back flow and heat losses during the fan standby.
- The fan outlet pipe incorporates specially designed air rectifiers to reduce air turbulence, noise level and increase air pressure.
- High ingress protection rating makes the fan the ideal bathroom ventilation solution. The electronic components are protected with tight covers.

### Motor

- Low energy demand from 4 W due to a new two-speed high-efficient motor on ball bearings.
- Maintenance-free bearings contain enough grease for 40 000 hrs continuous operation.
- The motor on special anti-vibration dampers for vibration absorbing and silent operation.
- The motor is equipped with overheating protection.

### Modifications and options\*



**Quiet-Mild Duo V:** modification with a pull cord switch.



**Quiet-Mild Duo T:** modification with a turn-off delay timer and an interval timer (integrated function of automatic ventilation activation). Once in 6, 14 or 24 hours the fan is switched on for up to 30 minutes to ventilate a premise with the low speed. On elapsing of the set turn-off delay time the fan switches off automatically.



**Quiet-Mild Duo TH:** modification with a turn-off delay timer (delay time from 2 to 30 min) and a humidity sensor with an adjustable threshold from 60 to 90 %.

\* VENTS Quiet-Mild 100 Duo and VENTS Quiet-Mild 125 Duo with modifications T and TH are supplied with an integrated turn-on delay timer to avoid unnecessary switching of the fan if you use your bathroom shortly and frequently.

After humidity increases or after signalling from the external switch, the fan switches to a higher speed not immediately, but after a set time period (1 min).

### Operation modes of the fans with modifications T, TH:

The fan operates at Speed 1 by default. The fan switches to Speed 2 when the switch is closed or the humidity sensor is activated.

### Control

#### Manual:

- The fan is controlled by a room light switch. It is not included in the delivery set.
- The fan is controlled with a built-in pull cord switch "V". This option is not applicable for ceiling mounting.
- Speed control with a thyristor speed controller or a P2-1-300 speed switch, see Electrical Accessories. Several fans may be connected to the same controller. Speed controllers cannot be connected to the T and TH fan modifications.

#### Automatic:

- Speed control with a **BU-1-60** electronic control unit, refer to Electric accessories. The control unit is supplied separately.
- By the timer **T**. The built-in turn-off delay timer enables fan operation at high speed 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 to a high speed and operates until the humidity level drops to the standard level. After that, the fan continues operating within the set time period and then reverts to the standard operation mode with the low speed.

### Mounting features

- The fan is mounted directly into the ventilation shaft.
- Flexible duct connection is recommended in case of the remote ventilation shaft location. The air duct is connected to the fan exhaust spigot through a clamp.
- Fixing to wall with screws.

### Colour modifications



Quiet-Mild Duo  
red RAL 3013



Quiet-Mild Duo  
Vintage



Quiet-Mild Duo  
Aluminum Lacquer

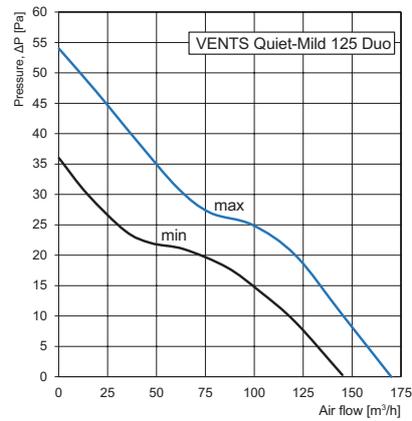
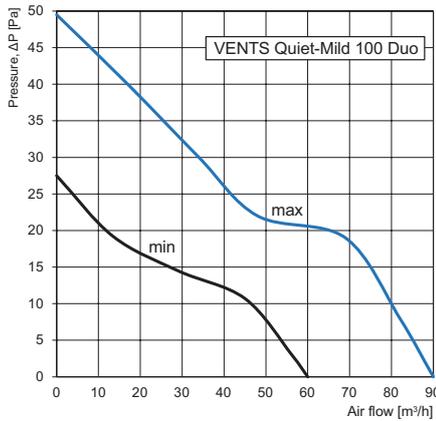


Quiet-Mild Duo  
Chrome



Quiet-Mild Duo  
Black sapphire

### Aerodynamic characteristics

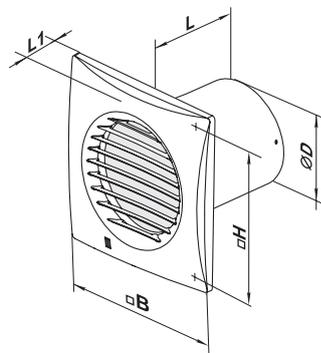


### Technical data

| Model                    | Speed | Frequency [Hz] | Voltage [V] | Power [W] | Current [A] | Maximum air flow [m³/h] | Sound pressure level at 3 m distance [dBA] | Weight [kg] | SEC class |
|--------------------------|-------|----------------|-------------|-----------|-------------|-------------------------|--|-------------|-----------|
| VENTS Quiet-Mild 100 Duo | min.  | 50/60          | 230         | 4         | 0.029       | 60                      | 22   | 0.55        | IP45      |
|                          | max.  |                |             | 7.5       | 0.052       | 90                      | 25   |             |           |
| VENTS Quiet-Mild 125 Duo | min.  | 50/60          | 230         | 9.5       | 0.065       | 145                     | 28   | 0.78        | IP45      |
|                          | max.  |                |             | 13.5      | 0.09        | 170                     | 32   |             |           |

### Overall dimensions

| Model                    | Overall dimensions [mm] |     |     |    |    |
|--------------------------|-------------------------|-----|-----|----|----|
|                          | ∅ D                     | B   | H   | L  | L1 |
| VENTS Quiet-Mild 100 Duo | 99                      | 158 | 136 | 81 | 26 |
| VENTS Quiet-Mild 125 Duo | 123,5                   | 182 | 158 | 91 | 27 |



### Certificates



The fans meet the applicable safety and electromagnetic compatibility standards.