Series
VENTS Simple

Axial fans for exhaust ventilation
with air capacity
up to 85 m³/h

Application

● Continuous or periodic exhaust ventilation of bathrooms, showers, kitchens and other utility spaces.

● Ventilation shaft mounting or duct connection.

● Low to medium air flow motion for short distances at low air resistance.

● Compatible with Ø 100 mm air ducts.

Design

● Modern design and aesthetic look.

● The casing and the impeller are made of high-quality durable ABS plastic, UV resistant.

● The impeller design enhances the fan efficiency and prolongs the motor service life.

● Insect screen

● Protection rating IP34

Motor

● Designed for continuous operation and requires no maintenance.

● Equipped with overheating protection.

Modifications and options

Simple V – equipped with a pull cord switch.

Simple T – equipped with a turn-off delay timer adjustable from 2 up to 30 minutes.

Simpl TH – equipped with a turn-off delay timer adjustable from 2 to 30 minutes and a humidity sensor adjustable from 60 % to 90 %.

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, refer to the Electric accessories.

● Several fans may be connected to one controller.

● Speed controllers cannot be connected to the T and TH fan modifications.

Automatic:

● Speed control with a an electronic control unit **BU-1-60**, refer to the Electric accessories.

● The control unit is available upon separate order.

● Fan control with a turn-off delay timer "**T**" that enables fan running from 2 to 30 minutes after turning the fan off.

● Fan control with a humidity sensor and turn-off delay timer "**TH**" that enables fan switching on and running until the indoor humidity drops below the set point adjustable from 60 % to 90 % and subsequent fan running within the set time before turning off.

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 flange through a clamp.

● Fixing to wall with screws.

● Suitable for ceiling mounting.

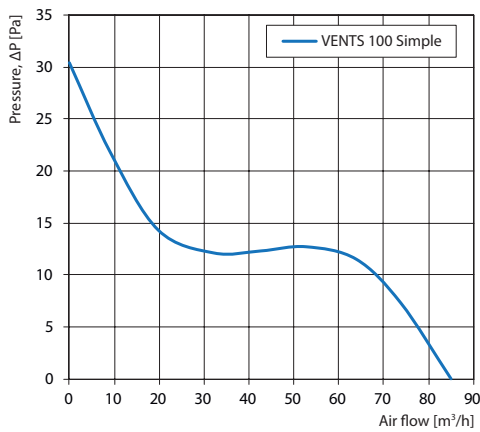## Accessories

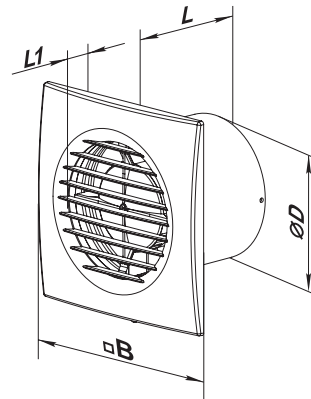| Air ducts | Grilles and hoods | Back valves | Speed controllers | Clamps |

Aerodynamic characteristics

Pressure, ΔP [Pa] vs Air flow [m³/h] — VENTS 100 Simple

Overall dimensions

Model	Dimensions [mm]			
	Ø D	B	L	L1
VENTS 100 Simple	99.5	150	83	15

Technical data

Model	Frequency [Hz]	Voltage [V]	Power [W]	Current [A]	RPM [min⁻¹]	Maximum air flow [m³/h]	Sound pressure level at 3 m distance [dBA]	Weight [kg]
VENTS 100 Simple	50/60	220-240	14	0.09	2400	85	34	0.58

Installation example

Certificates

CE ⚠ GS EHC ✓ □ IP34   The fans meet the applicable safety and electromagnetic compatibility standards.