

VENTS Lumis Series



Exhaust axial fan
with integrated light source.
Air flow
up to 115 m³/h

Application

- Continuous or periodic exhaust ventilation of bathroom, 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.
- The 10 watt LED backlight lamp is integrated in the casing with a working life of 40 000 hours.
- The lamp colour temperature is 3000 K (warm light).
- Protection rating IP24.

Motor

- Reliable motor with low energy demand.
- Designed for continuous operation and requires no maintenance.
- Equipped with overheating protection.

Modifications and options



Lumis 100 K – the fan is equipped with a back valve to prevent air back drafting.



Lumis 100 L – the motor is equipped with ball bearings for long service life (appr. 40 thousand hours) and fan mounting at any angle. The bearings are maintenance-free and contain enough grease for the entire operating period.



Lumis 100 turbo – high-powered motor.

Control

Manual:

- The fan is controlled with a room light switch (not included in the delivery).
- Speed control with a thyristor speed controller, refer to the Electric accessories. Several fans may be connected to one controller.

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.

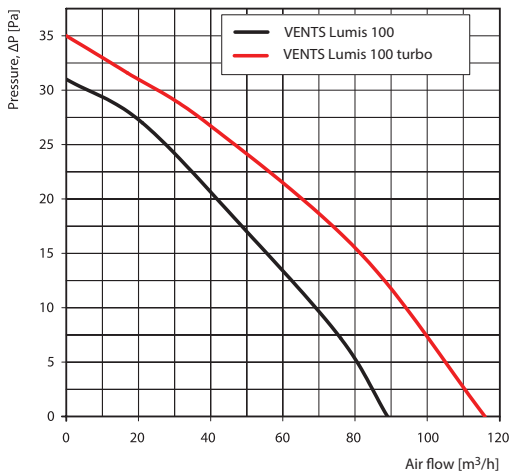
Mounting features

- 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



Aerodynamic characteristics



Technical data

Model	Frequency [Hz]	Voltage [V]	Power Consumption [W]	Current [A]	R.p.m.	Maximum air flow [m ³ /h]	Sound Pressure Level [dBA]*	Weight [kg]
VENTS Lumis 100	50	220-240	24	0.135	2410	92	33	0.79
VENTS Lumis 100 (220 V/60 Hz)	60	220						
VENTS Lumis 100 turbo	50	220-240	26	0.15	2400	115	37	0.87
VENTS Lumis 100 turbo (220 V/60 Hz)	60	220						

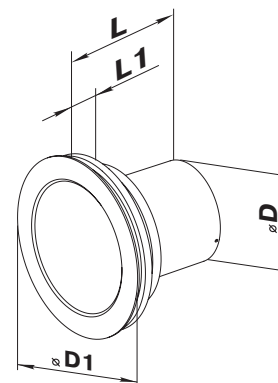
*Sound pressure level measured in free space at a distance of 3 meters from the fan.

Mounting example



Overall dimensions

Model	Dimensions [mm]			
	Ø D1	Ø D	L	L1
VENTS Lumis 100	178	99.4	133.5	46
VENTS Lumis 100 turbo	178	99.4	133.5	46



Certificates

The fans meet the applicable safety and electromagnetic compatibility standards.