# **VENTS LD** Series



Axial decorative fans for exhaust ventilation with air capacity up to 310 m<sup>3</sup>/h

#### Application

- Continuous or periodic exhaust ventilation of bathroom, showers, kitchens and other utility spaces
- Ventilation shaft mounting or duct connection.





**LD** alumat

#### Design

quality durable ABS

Motor

panel.

front panel.

silver (matt).

silver (gloss).

period.

aluminium front panel.

Various decorat the natural aluminu

Protection rating IP34.

requires no maintenance.



efficiency high and the service life long.

Reliable and low-watt electric motor.

Equipped with overheating protection.

LDA - the fan with a ground alumunium front

LDA gold – the fan with a gold-tinted aluminium

LDA chrome - the fan with a mirror finish

LD alumat - the fan with a front panel painted

LD alulak - the fan with a front panel painted

LD K – fan is equipped with a b

LD Lethe 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

-powered motor.

ipped with a regu<mark>lated ti</mark>mer

operating time from 2 to 30

operati

damper for back flow prever

contain enough grease for the entire operating

LD1 - shortened branch pipe model.

Modifications and Options



IV

The intellectual impeller design makes the fan

Designed for continuous operation and











adjustable from 2 to 30 minutes.









timer with the operating time adjustable from 2 to 30 minutes and a humidity sensor with the operating threshold range 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 by the built-in pull cord switch V. Not applied in case of ceiling mounting.
- 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 modifications.

- By the BU-1-60 electronic control unit (see Electrical Accessories). The control unit is supplied separately.
- By the **T** timer (the built-in turn-off delay timer enables the fan operation within 2 to 30 minutes after the fan switching off).
- By the humidity sensor and the **TH** timer (if the humidity level in the room exceeds the sensor threshold adjustable value within 60-90 % the fan switches automatically on and operates until the humidity level drops to the standard level, after that the fan continues operating within the time period according to the timer setting, then shuts down).

## Mounting features

- The fan is mounted directly into the ventilation shaft.
- In case of remote location of the ventilation shaft flexible air ducts may be used. The air duct is connected to the fan exhaust flange through a
- Fixed to the wall by means of screws.
- Suitable for ceiling mounting.

To connect a fan with a 12 V low voltage motor ains, it is necessary to step-down transformer (e.g. the TRF purchase





















#### Accessories

Air ducts

Speed controllers

Clamps















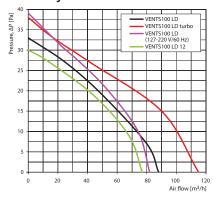


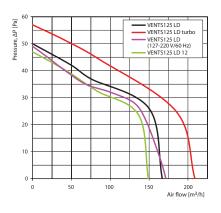
Grilles and hoods

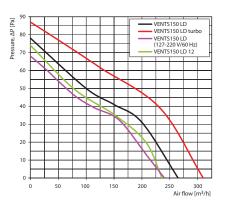
Backdraft damper

# 

# Aerodynamic characteristics







### Technical data

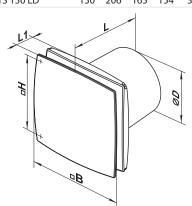
- recillical data								
Model	Frequency [Hz]	Voltage [V]	Power Consumption [W]	Current [A]	R.p.m.	Maximum air flow [m³/h]	Sound Pressure Level at 3 m [dBA]	Weight [kg]
VENTS 100 LD	50/60	220-240	14	0.085	2300	88	33	0.60
VENTS 100 LD turbo	50/60	220-240	16	0.1	2300	115	36	0.68
VENTS 100 LD (127-220 V/60 Hz)	60	127 220	10 9	0.115	2500	82	33	0.60
VENTS 100 LD 12	50/60	12	14	1.5	2200	77	32	0.59
VENTS 125 LD	50/60	220-240	16	0.1	2400	167	34	0.74
VENTS 125 LD turbo	50/60	220-240	24	0.105	2400	209	36	0.84
VENTS 125 LD (127-220 V/60 Hz)	60	127 220	16 15	0.119 0.102	2400	172	35	0.74
VENTS 125 LD 12	50/60	12	16	1.7	2300	149	33	0.72
VENTS 150 LD	50	220-240	24	0.13	2400	265	37	0.96
VENTS 150 LD (220-240 V/60 Hz)	60							
VENTS 150 LD turbo	50	220-240	29	0.13	2400	310	39	1.10
VENTS 150 LD turbo (220-240 V/60 Hz)	60							
VENTS 150 LD (127-220 V/60 Hz)	60	127 220	25 25	0.175 0.388	2350	240	37	0.96
VENTS 150 LD 12	50	12	29	2	2300	236	36	0.92

# Mounting example



#### Overall dimensions

Model		Dimensions [mm]						
	Wodel	ØD	В	Н	L	L1		
	VENTS 100 LD	100	152	120	126	30		
	VENTS 100 LD1	100	152	120	111	30		
	VENTS 125 LD	125	177	140	135	34		
	VENTS 125 LD1	125	177	140	116	34		
	VENTS 150 LD	150	206	165	154	36		



# Certificates











