

VENTS Z Series



Axial design fans for exhaust ventilation with the capacity up to 358 m³/h.

Applications

- 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 100, 125 and 150 mm air ducts.

Design

- Modern design and aesthetic look.
- The polished steel front panel with various ornamental modifications.
- 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.
- Protection rating IP 24.

Motor

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

Modifications and Options



Z 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.



Z turbo – high-powered motor.



Z 12 – modification with low-voltage motor. 12 V AC power supply.

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 ventilation shaft.
- Flexible duct application is recommended in case of remote location of the ventilation shaft. The air duct is connected to the fan exhaust flange through a clamp.
- Fixed to wall by self-tapping screws.
- For 12 V low-voltage motor fan connection to 220 V / 50 Hz power mains use the step-down transformer TRF 220/12-25 that is available upon separate order.

Front panel modifications



Z 1



Z 2



Z 3



Z 4



Z 5



Z 6

Accessories



Air ducts

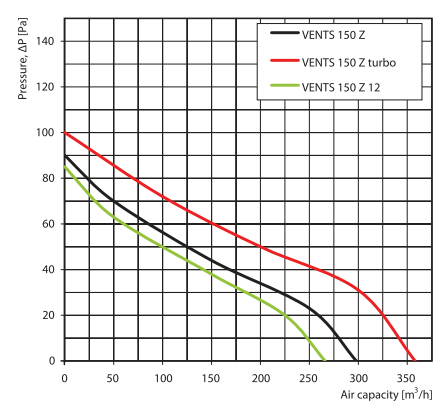
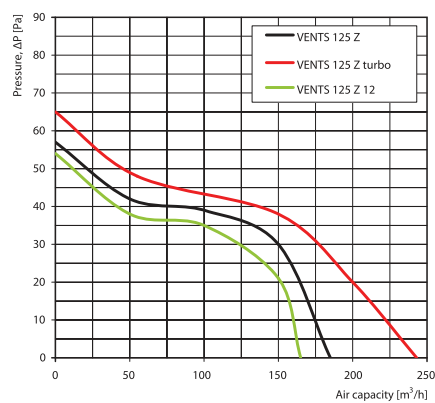
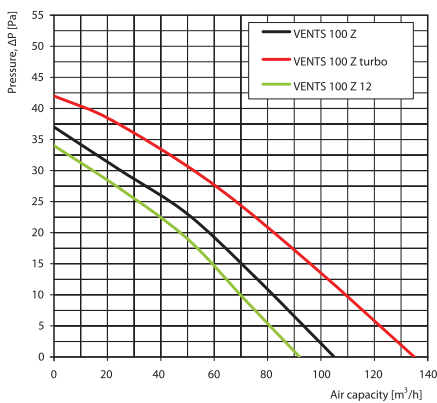
Grilles and hoods

Backdraft damper

Speed controllers

Clamps

Aerodynamic characteristics



Technical data

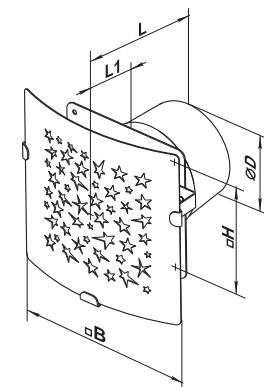
Model	Voltage [V] at 50 Hz	Power Consumption [W]	Current [A]	r.p.m.	Maximum air capacity [m³/h]	Sound Pressure Level at 3m [dB(A)]	Weight [kg]
VENTS 100 Z	220-240	14	0,085	2300	105	37	0,41
VENTS 125 Z	220-240	16	0,1	2400	185	38	0,48
VENTS 150 Z	220-240	24	0,13	2400	298	40	0,80
VENTS 100 Z turbo	220-240	16	0,1	2300	135	38	0,41
VENTS 125 Z turbo	220-240	24	0,105	2400	243	39	0,48
VENTS 150 Z turbo	220-240	30	0,13	2400	358	44	0,80
VENTS 100 Z 12	12	14	1,5	2200	92	36	0,40
VENTS 125 Z 12	12	16	1,33	2300	165	37	0,46
VENTS 150 Z 12	12	24	2	2300	266	39	0,76

Mounting examples



Overall dimensions

Model	Dimensions [mm]				
	Ø D	B	H	L	L1
VENTS 100 Z	100	181	120	143	56
VENTS 125 Z	125	208	140	143	56
VENTS 150 Z	150	231	165	166	56



Certificates



The fans meet the applicable safety and electromagnetic compatibility standards.