VENTS F
Series

Axial fans
for exhaust ventilation
with the capacity up to 232 m³/h

Application

- Continuous or periodic exhaust ventilation of bathroom, showers, kitchens and other utility spaces.
- Ventilation shaft mounting or duct connection.
- For rectangular ventilation shafts.
- Low to medium air flow motion for short distances at low air resistance.
- Compatible with Ø 100 and 125 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 intellectual impeller design makes the fan efficiency high and the service life long.
- The special front grille design enables natural ventilation of the premises without powering up the fan if required.
- Insect screen.
- Protection rating IP34.
- Ventilation grille for natural air exhaust for application in premises with gas stoves.

Motor

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

Modifications and Options

F 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.

F turbo – high-powered motor.

F 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 connected to the same controller. Speed controllers can not be connected to the fans with T, TH, TP, VT, VTH modification.

Automatic:

- By the electronic control unit **BU–1–60** (see Electrical Accessories). The control unit is supplied separately.

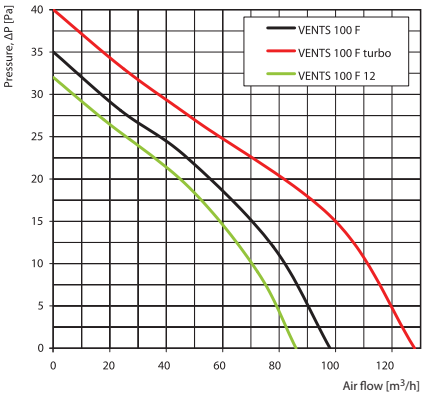
Mounting features

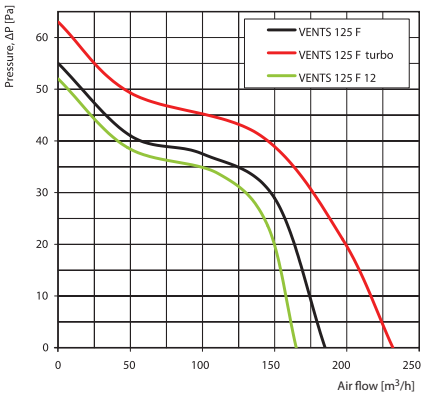
- The fan is mounted directly into the ventilation shaft.
- Flexible duct application is recommended in case of remote location of the ventilation shaft. The air duct is connected to the fan exhaust flange through a clamp.
- Fixed to wall by self-tapping screws.
- For 12 V low-voltage motor fan connection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

Accessories

Air ducts | Grilles and hoods | Backdraft damper | Speed controllers | Clamps

Aerodynamic characteristics





Technical data

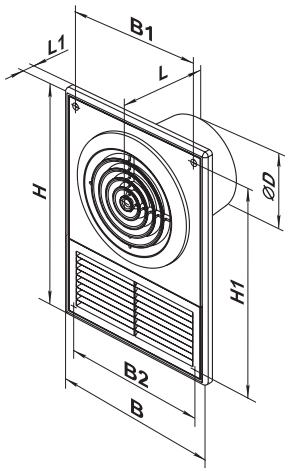
Model	Frequency [Hz]	Voltage [V]	Power Consumption [W]	Current [A]	R.p.m.	Maximum air flow [m³/h]	Sound Pressure Level [dBA]*	Weight [kg]
VENTS 100 F	50	220-240	14	0.085	2300	98	34	0.64
VENTS 100 F (220 V/60 Hz)	60	220						
VENTS 100 F turbo	50	220-240	16	0.1	2300	128	37	0.72
VENTS 100 F turbo (220 V/60 Hz)	60	220						
VENTS 100 F 12	50	12	14	1.5	2200	86	33	0.63
VENTS 125 F	50	220-240	16	0.1	2400	185	35	0.70
VENTS 125 F (220 V/60 Hz)	60	220						
VENTS 125 F turbo	50	220-240	24	0.1	2400	232	37	0.77
VENTS 125 F turbo (220 V/60 Hz)	60	220						
VENTS 125 F 12	50	12	16	1.7	2300	165	34	0.68

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

Mounting example

Overall dimensions

Model	Dimensions [mm]							
	Ø D	B	B1	B2	H	H1	L	L1
VENTS 100 F	100	182	152	160	252	226	104	13
VENTS 125 F	125	182	152	160	252	226	110	15



Certificates

IP34 The fans meet the applicable safety and electromagnetic compatibility standards.