

## VENTS X star Series



Axial decorative fans for exhaust ventilation with the capacity up to 302 m<sup>3</sup>/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 Ø 100, 125 and 150 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.
- A 2 W LED lamp is integrated into the fan casing.
- 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

**X star alumat** – fan with a matt gray painted front plate.



**X star K** – fan is equipped with a backdraft damper for back flow preventing.



**X star 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.



**X star turbo** – high-powered motor.



**X star 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 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.
- Suitable for ceiling mounting.
- Both parallel or separate switching of the fan and the built-in lamp (refer wiring diagrams).
- 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.



Vents X star alumat



LED lamp, 2 W

### Accessories



Air ducts

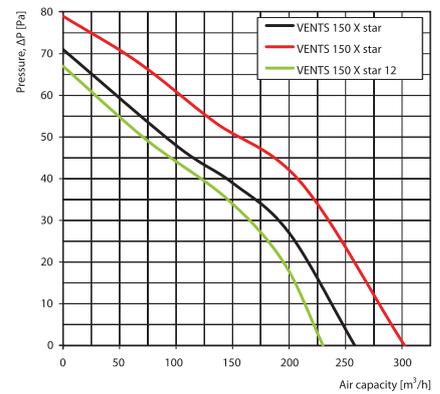
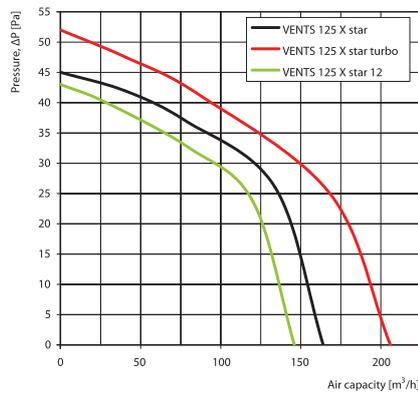
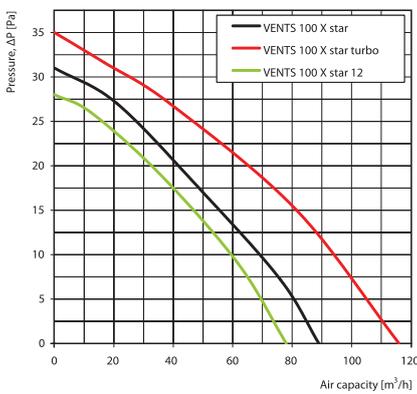
Grilles and hoods

Backdraft damper

Speed controllers

Clamps

### Aerodynamic characteristics



### Technical data

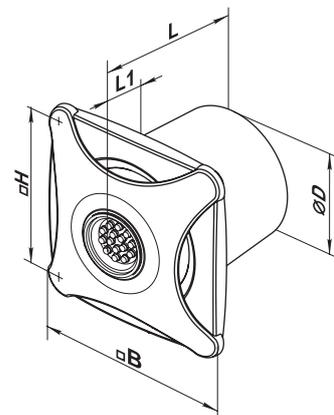
Model	Frequency [Hz]	Voltage [V]	Power Consumption [W]	Current [A]	R.p.m.	Maximum air capacity [m <sup>3</sup> /h]	Sound Pressure Level at 3 m [dB(A)]	Weight [kg]
VENTS 100 X star	50/60	220-240	16	0,085	2300	89	33	0,61
VENTS 100 X star turbo	50/60	220-240	16	0,1	2300	116	36	0,69
VENTS 100 X star 12	50/60	12	14	1,5	2200	78	32	0,60
VENTS 125 X star	50/60	220-240	16	0,1	2400	164	34	0,75
VENTS 125 X star turbo	50/60	220-240	24	0,105	2400	206	36	0,83
VENTS 125 X star 12	50/60	12	16	1,7	2300	146	33	0,73
VENTS 150 X star	50	220-240	24	0,13	2400	258	37	0,94
VENTS 150 X star (220-240 B/60 Hz)	60							
VENTS 150 X star turbo	50	220-240	29	0,13	2400	302	39	1,08
VENTS 150 X star turbo (220-240 B/60 Hz)	60							
VENTS 150 X star 12	50	12	29	2	2300	230	36	0,90
VENTS 150 X star (12 B/60 Hz)	60							

### Mounting example



### Overall dimensions

Model	Dimensions [mm]				
	Ø D	B	H	L	L1
VENTS 100 X star	100	152	120	131	36
VENTS 125 X star	125	177	140	143	42
VENTS 150 X star	150	205	165	160	42



### Certificates



The fans meet the applicable safety and electromagnetic compatibility standards.