Axial fans for exhaust ventilation with the capacity up to 342 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 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.
- Insect screen.
- Protection rating IP 34.

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

**Modifications and Options**
- **PF 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.
- **PF turbo** – high-powered motor.
- **PF press** – 5-blade low-noise impeller with improved aerodynamics for higher fan capacity.
- **PF 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, TR, 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.
- 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

![Aerodynamic characteristics graph]

### Technical data

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage [V] at 50 Hz</th>
<th>Power Consumption [W]</th>
<th>Current [A]</th>
<th>r.p.m.</th>
<th>Maximum air capacity [m³/h]</th>
<th>Sound Pressure Level at 3 m [dB(A)]</th>
<th>Weight [kg]</th>
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<tbody>
<tr>
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### Overall dimensions

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<tr>
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### Certificates

![Certificates]

The fans meet the applicable safety and electromagnetic compatibility standards.