

Axial roof fan Tower-AL

Air capacity — up to 1700 m³/h

■ Use

- Exhaust ventilation systems installed in various premises.
- Roof mounting.
- For any types of roofs or vertical ventilation shafts.

■ Design

- Steel casing with a special polymer atmospheric resistant coating.
- Aluminium impeller.
- Horizontal air exhaust.
- The fan is equipped with a terminal block for connection to power mains.
- The fan is rated for continuous operation.
- A connecting plate with an intake opening is designed to facilitate mounting to the roof surface.

■ Motor

- Single-phase asynchronous external rotor motor with axial impeller.
- Equipped with ball bearings for longer service life.
- Overheating protection by built-in thermal switches with automatic restart.

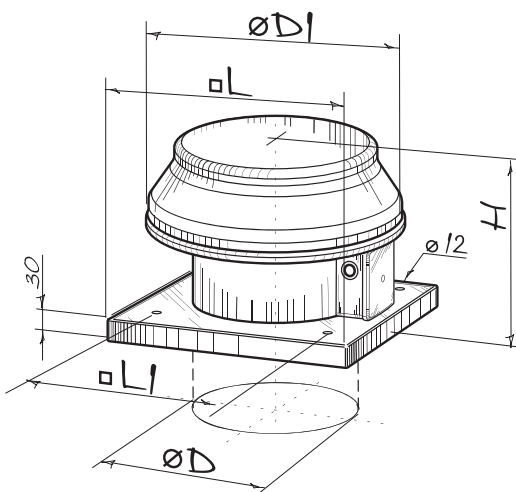
■ Speed control

- Smooth speed control with an external thyristor controller or step speed control with an external auto transformer (both available upon separate order).

■ Mounting

- Roof mounting directly above a ventilation shaft or air duct.
- The fan is connected to the air duct with the intake flange that is fixed to the fan base.
- The fan base has holes for fixing bolts that attach the fan to a stable level surface or a roof frame.
- Roof frame and intake flange available on separate order.
- Power is supplied through an external terminal box.

■ Overall dimensions



| Type | Dimensions [mm] | | | | | Weight [kg] |
|--------------|-----------------|------------------|-----|-----|-----|-------------|
| | $\varnothing D$ | $\varnothing D1$ | H | L | L1 | |
| Tower-AL 200 | 207 | 341 | 220 | 410 | 245 | 4,9 |
| Tower-AL 250 | 262 | 401 | 250 | 460 | 330 | 6,8 |
| Tower-AL 315 | 312 | 500 | 260 | 560 | 450 | 9,2 |

■ Specifications

| Parameters | Tower-AL 200 | Tower-AL 250 | Tower-AL 315 |
|--|--------------|--------------|--------------|
| Voltage [V / 50 Hz] | 230 | 230 | 230 |
| Power [W] | 43 | 68 | 110 |
| Current [A] | 0,28 | 0,48 | 0,75 |
| Maximum air capacity [m ³ /h] | 405 | 1070 | 1700 |
| RPM [min ⁻¹] | 1300 | 1300 | 1300 |
| Sound pressure level at 3 m distance [dBA] | 32 | 48 | 54 |
| Max. operating temperature [°C] | 50 | 50 | 50 |
| Ingress protection rating | IP X4 | IP X4 | IP X4 |

