

AW Axial Fans

Low-pressure axial wall fans up to 39.000 m³/h

- Available with AC and EC motors for 60Hz
- Installation in any position
- Noise and energy-optimised impeller

[Find more details in our online catalogue](#)



Flexible

The AW fans are **designed** for extracting air in **low-pressure systems**. They can be installed in any position and way according to your demands.

This ensures that the fans can be used in a variety of **commercial** and **industrial** applications.

Performance

The **noise-optimised** axial impellers together with the **highly efficient** external rotor motors are designed to ensure high-level performance to **minimise power consumption** and **maximise efficiency**.

Features

Construction

The square wall plate is made of galvanized steel with powder coating in RAL9005.

Sizes **200-300** with **AC motors** except AW 300E2 are available with **integrated thermostat switch**.

Sizes **315-1000** with **AC** motors and AW **300E2** are available with pre-wired integrated **thermal contact** with leads for a **motor protection device**.

The models with **EC motors** have **integrated** electronic **motor protection**.

Depending on the type, the fans are equipped with an external **terminal box**, protection class **IP44, IP54 or IP55**.

Impeller

The AW fans use **axial impellers**. These are made of **coated steel, composite** material or **aluminium**, are dynamically **balanced** and are paired with corresponding external rotor motors.

Motor

Depending on type, AW fans are equipped with an **AC** or **EC external rotor motor**. The motors are suitable for **50Hz** and **60Hz**.

Motor protection

Sizes **200-300** with **AC** motors are available with **integrated** thermal protection with manual (electrical) reset.

Sizes **200-1000** with **AC** motors are available with prewired integral **thermal contact** with leads to a **motor protection device**.

Models with **EC** motors have an **integrated** electronic, **thermal protection** including **locked-rotor protection** and **soft-start**.

Control

EC motors can be controlled by an external **signal of 0-10V**.

EC motors depending on size are also equipped with **ModBus** communication or **alarm signal**.

AC motors can be controlled by **5-step, stepless** speed regulator or **frequency inverter**.

Installation

The AW fans can be installed in **any position** on **wall** or **ceiling** in **indoor** environments.