

## 800 mm External Rotor Axial Fan

This axial fan features an external rotor motor and is designed for compact structure. It is suitable for high-volume air movement in industrial and HVAC applications.



### Overview

#### High-Performance 800mm External Rotor Axial Fan

The YWF800 series is a professional-grade external rotor axial fan designed for high-efficiency air movement in industrial and HVAC environments. Engineered for durability, it features a robust steel construction with a corrosion-resistant coating and maintenance-free ball bearings, ensuring a long service life. This unit is designed for continuous operation and offers flexible installation options, making it an ideal solution for refrigeration, ventilation, and air conditioning systems.

#### Key Features

- Compact structure
- Professional design
- Fine process control
- Easy installation
- Efficient and low noise
- Long service life

### Technical Specifications

#### Protection Rating

IP44 • IP54

Blade Diameter	800 mm
Number of Blades	5
Insulation Class	Class B, Class F
Mode of Operation	Continuous operation (S1)
Certifications	UL, CE, CCC

### Construction & Materials

#### Material Specifications

Component	Material
Guard Grille	Phosphated steel, black plastic coated
Wall Ring	Re-galvanised steel, black plastic coated
Blades	Sheet steel
Rotor	Black plastic coated

## Motor & Electrical

Bearing Type	Maintenance-free ball bearings
Motor Protection	Without TOP, TOP wired internally
Protection Class	Class I