

AC Axial Flow Fan YWF900

This AC axial fan is designed for industrial refrigeration and central refrigeration plant applications. Its robust construction and optimized blade design ensure high airflow with minimal noise.



Overview

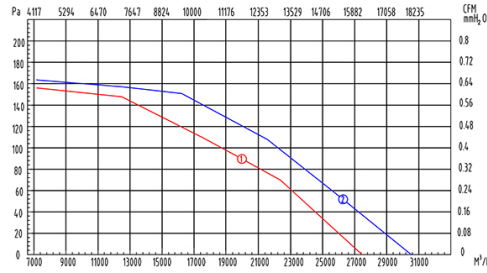
High-Performance Industrial Axial Fan

The YWF900 is a robust AC axial flow fan designed for demanding industrial refrigeration and central plant applications. It features a compact external rotor motor design that ensures efficient air movement with low noise levels and a long service life. With its professional construction and IP54/IP44 protection ratings, this fan provides reliable continuous operation in professional HVAC&R environments.

Key Features

- Compact and professional structure
- Efficient operation with low noise output
- Long service life for industrial use
- Easy installation design
- Fine process control manufacturing

Technical Performance



Pressure vs. Flow Rate performance curve illustrating static and total pressure across various air flow volumes.

Performance Metrics

900 mm

Blade Diameter

30500 m³/h

Max Air Flow

1000 RPM

Max Speed

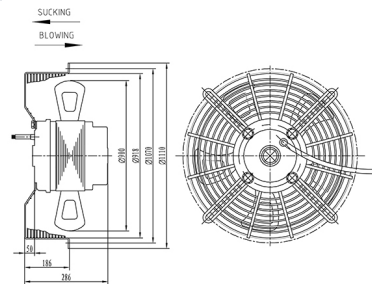
82 dB(A)

Max Noise

Model Specifications (YWF6D900)

Parameter	50Hz Value	60Hz Value
Voltage (V)	400Y	400Y
Current (A)	2.9	3.7
Input Power (W)	1400	2050
Speed (RPM)	900	1000
Air Flow (m³/h)	27500	30500
Noise dB(A)	77	82

Construction & Materials



Technical dimensions for YWF900 showing Ø900mm blade diameter and mounting depth specifications.

Material Composition

Component	Material & Finish
Guard Grille	Steel, phosphated and black plastic coated
Wall Ring	Sheet steel, re-galvanised and black plastic coated
Blades	Sheet steel
Rotor	Coated in black plastic

Number of Blades

5

Electrical & Protection

Compliance Approvals

UL • CE • CCC

Protection & Insulation

IP54, IP44, Insulation Class B, Insulation Class F, Protection Class I

Installation & Operation

Mode of Operation

Continuous operation (S1)

Bearings

Maintenance-free ball bearings

Air Flow Direction

S (Counter-clockwise) or B (Clockwise) seen on rotor

Cable Exit

Lateral