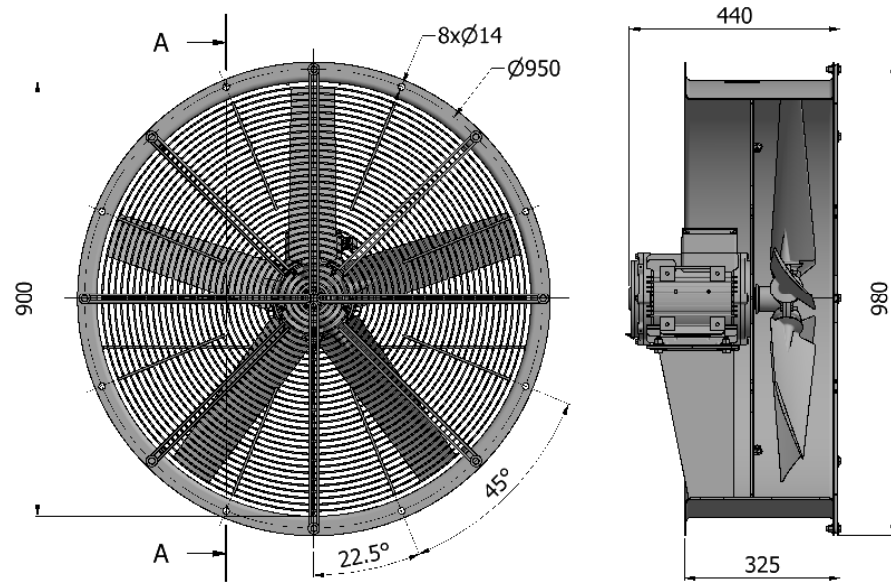


A90C-F

FLOW OPTIMISED AXIAL FAN

Dimensions



Configuration

Motor Protection Class	☐ IP55	☐ IP56	☐ IP65	☐ IP66
Wings	☐ GFR Polyamide	☐ Aluminum		
Protection Grids	☐ Rear	☐ Front		
Color (housing, motor, grids)	☐ RAL7031	☐ RAL7032	☐ RAL7033	☐ Other RAL
Operation Ambient (°C)	☐ -25~+60	☐ -25~+70	☐ -40~+60	☐ -40~+70
Corrosion Class	☐ C3	☐ C4	☐ C5	Medium/High
Tropical Environment	☐ No	☐ Yes		
Thermal Protection	☐ No	☐ Yes		

Thermal protection requires an external control unit or relay to operate.

Motor shall be equipped with an embeded space heater for below -25°C ambient and tropical environment.

Specification

Number of Poles	6	
Type	A90C-F5	A90C-F6
Frequency (±2%)	50 Hz	60 Hz
Supply Voltage (3phase)	220-240V Δ / 380-420V Y	240-280V Δ / 400-480V Y
Nominal Current	5,8 A / 3,3 A	5,3 A / 3,1 A
Input Power	1,57 kW	1,63 kW
Speed	960 rpm	1152 rpm
Sound Pressure (L _{PA} 1m/2m)	79 dB(A) / 74 dB(A)	84 dB(A) / 79 dB(A)
Air Flow	7,23 m ³ /s	7,50 m ³ /s
Weight (varies by options)	60 kg	

Air flow and sound pressure level (SPL) are given for free blowing operation with inlet&outlet guard grids. SPL values at 1m are measured from side of the fan. SPL values at 2m are calculated by inverse square law. Declared values may change according to the requested options and configurations.

Performance

