

Smoke extract axial fans



AXC(B)

Smoke extract axial fans certified for 300°C/120 min. in accordance with EN 12101-3.

Standard features:

- AXC with aerofoil impeller, adjustable pitch angle.
- Die cast aluminium hub and blades.
- Long casing, hot dip galvanized steel, to DIN EN ISO 1461.
- Spun flanges for high rigidity, to Eurovent 1/2.
- Terminal box in IP65 mounted at the outside of the casing for easy wiring.
- Motors IP54, insulation class H, in accordance with EN 60034-5/IEC 85.
- Suitable for operating temperatures of up to 55°C continuous or once for 300°C/120 min.
- Inspection hole to verify correct direction of rotation.
- Truly reversible version AXR (B) on request.

The Systemair AXC (B), AXR (B) range of long cased smoke extract axial fans is available in sizes from 315 up to 1600 mm impeller diameter. The adjustable pitch angle setting offers a wide performance and maximum flexibility to match precisely individual airflow requirements. The AXC (B) and AXR (B) axial fans have been performance tested in accordance with DIN ISO 5801, DIN 24163 and AMCA 210-99 on the Systemair fan test rig. High temperature testing at Technical University Munich, Germany. All AXC (B) fans are labeled with CE-mark and they are DIBt approved.

High efficiency impellers

The AXC die cast aerofoil aluminium impellers can be offered with full or fractional solidities, maximum efficiencies can be obtained. AXR impellers are truly reversible.

Sturdy casing

AXC and AXR axial fan casings are heavy gauge, hot dip galvanized, with spun flanges for high rigidity. Long cased execution as standard stock range.

Motors

Motors are air stream mounted. Frequency converter controllable only for standard ventilation on request. Single or two speed motors.

Multi stage fans

For higher pressure drops two stage fans are offered. Two fans in series increase the available static pressure drop.



Quality

Systemair is ISO 9001 approved. The Systemair quality is regularly monitored by TÜV Süd.

Warranty

Systemair offers a three year warranty on all AXC (B) and AXR (B) fan models. The Systemair warranty conditions apply.

Ordering code

AXR _____ Axial fan reversible
 AXC 630 - 9 / 22° - 2 (B) - G _____ Two stage, two fans in series
 B _____ Sound insulated
 _____ 300°/120 min.
 _____ 2-pole motor
 _____ Pitch angle
 _____ Number of blades
 _____ Impeller diameter
 _____ Axial fan unidirectional



QUICK SELECTION

