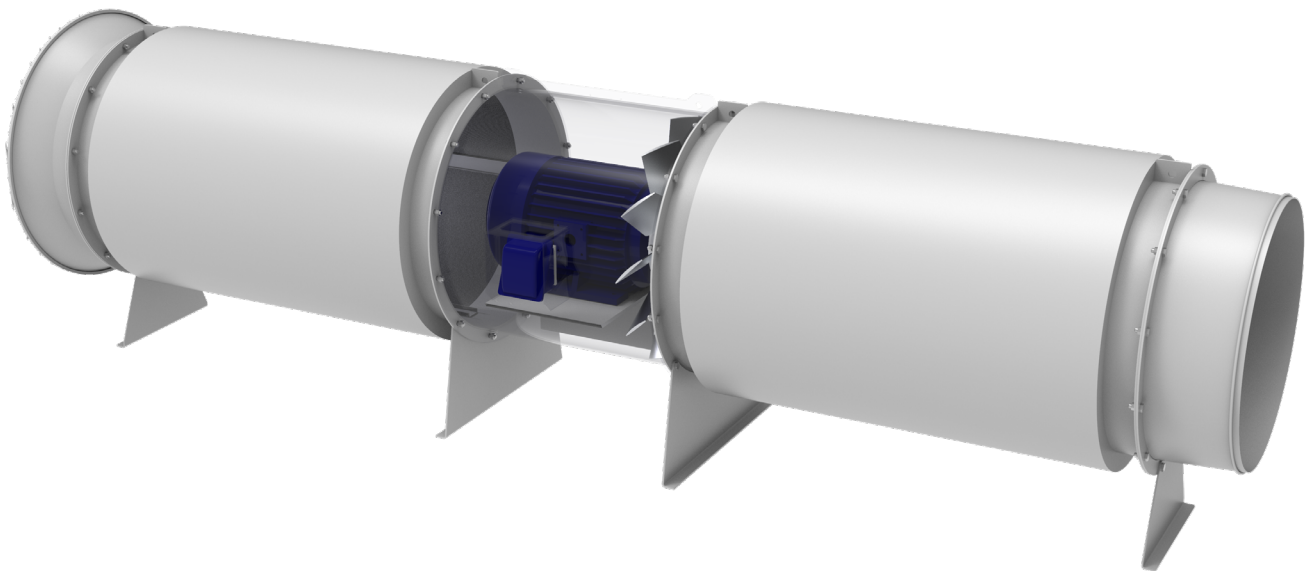


CC760

IN BRIEF

The CC760 Series of Medium Pressure Axial Fans have been developed to ventilate tight small headings. Available as single stage tube axial fans with flow rates up to 18m³/s and pressures up to 2.1kPa. The CC760 is completely customisable to meet a range of duties as required. Various impeller designs are available to meet your application.



KEY POINTS

- 1 Tube Axial Single Stage Design
- 2 Ducted Applications
- 3 Variable Pitch Impellers
- 4 Single Stage Operation
- 5 Flow Rates from 18m³/s to 5m³/s
- 6 Pressures from 200Pa to 2100Pa per Stage
- 7 Flexible to meet a range of duties

SPECIFICATIONS

DESCRIPTION	FAN SPEED	STAGES	PEAK PRESSURE	MAX VOLUME	BLADE ANGLES	MOTOR SIZE
CC760 Single Stage Tube Axial	2995RPM	1	2.1kPa	14.5m ³ /s	24 Degrees	1 x 37kW
	2995RPM	1	2.1kPa	13m ³ /s	21 Degrees	1 x 30kW
	2995RPM	1	2.1kPa	10m ³ /s	15 Degrees	1 x 22kW
	2995RPM	1	2.1kPa	8m ³ /s	12 Degrees	1 x 15kW

IMPELLER SPECIFICATIONS	DESCRIPTION
Impeller Material	AC601 Aluminium Alloy
Design	Variable Pitch
Casting Method	Sand Casting
Finish	Bare Aluminium, Epoxy Coatings on Request

FAN SPECIFICATIONS	DESCRIPTION
Fan Design	Single Stage Tube Axial
Fan Stages	Single Stage
Motor Power	15kW to 37kW
Internal Diameter	762mm
Casing Thickness	5mm
Casing Finish	HD Galvanising, Paint Finish on Request
Flange OD	855mm
Hole PCD	813mm
Number of Holes	12
Hole Size	14mm
Hole Orientation	Offset from Top Dead Center
Lifting Mechanism	Full Length Lifting Bar with 40mm Holes
Serial Numbering	Laser Cut Stainless Steel Plates
Airflow And Rotor Direction	PolyCarbonate Arrows on Casings

MOTOR SPECIFICATIONS	DESCRIPTION
Windings	H Class Custom Specification
Insulation	Double H Class Insulation
Efficiency	>94%
Voltage	415V, 525V, 690V and 1000V
Frequency	50Hz / 60Hz
Poles	2P, 4P
Speed	1485RPM / 2995RPM
Frame	D160M to D200LA
Mounting	Foot Mounting
Leads	1m Extended From Casing
Terminal Box	External on Fan Casing
Terminal Box Protection	Steel Guard around Box