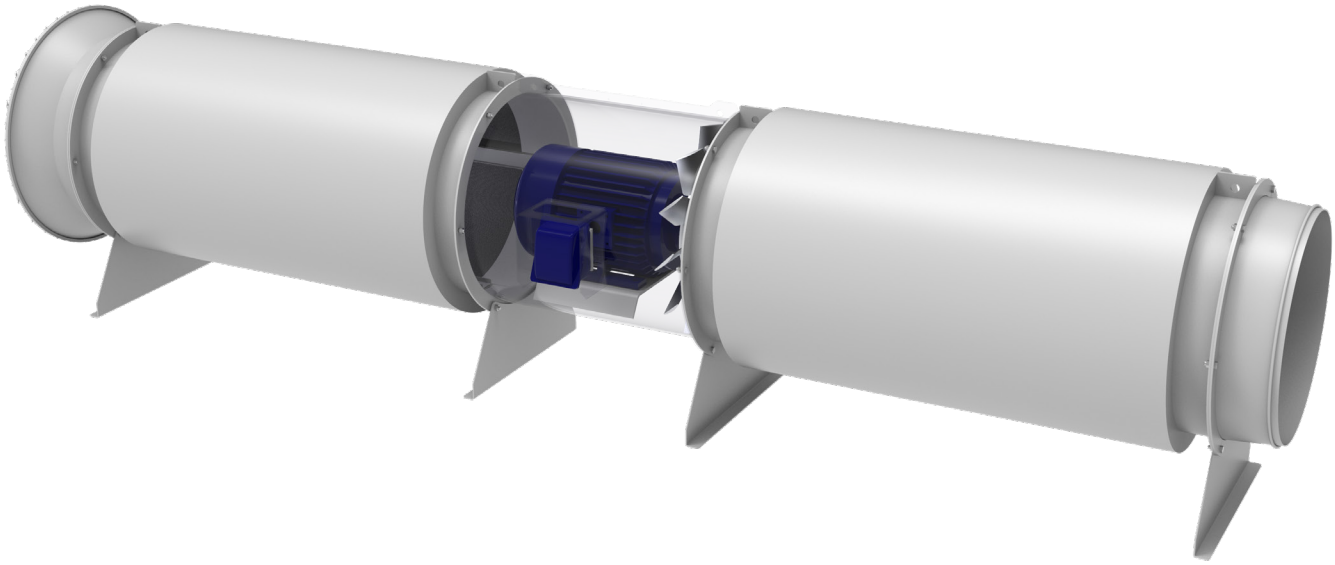
AXIAL VENTILATION FANS

CC610

IN BRIEF

The CC610 Series of Medium Pressure Axial Fans have been a developed to ventilate tight small headings. Available as single stage tube axial fans with flow rates up to 11m3/s and pressures up to 1.4kPa. The CC610 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
CC610 Single Stage Tube Axial	2995RPM	1	1.4kPa	11.5m3/s	35 Degrees	1 x 22kW
	2995RPM	1	1.4kPa	10m3/s	31 Degrees	1 x 18.5kW
	2995RPM	1	1.4kPa	8.5m3/s	26 Degrees	1 x 15kW
	2995RPM	1	1.3kPa	7.5m3/s	20 Degrees	1 x 11kW
	2995RPM	1	1.3kPa	6m3/s	15 Degrees	1 x 7.5kW

IMPELLER SPECIFICATIONS	DESCRIPTION
Blade Material	AC601 Aluminium Alloy
Design	Variable Pitch Impeller
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	7.5kW to 22kW
Internal Diameter	610mm
Casing Thickness	5mm
Casing Finish	HD Galvanising, Paint Finish on Request
Flange OD	700mm
Hole PCD	668mm PCD
Number of Holes	6
Hole Size	12mm
Hole Orientation	Offset from Top Dead Center
Lifting Mechanism	Full Length Lifting Bar with 25mm 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	132s to 180LC
Mounting	Foot Mounting
Leads	1m Extended From Casing
Terminal Box	External on Fan Casing
Terminal Box Protection	Steel Guard around Box