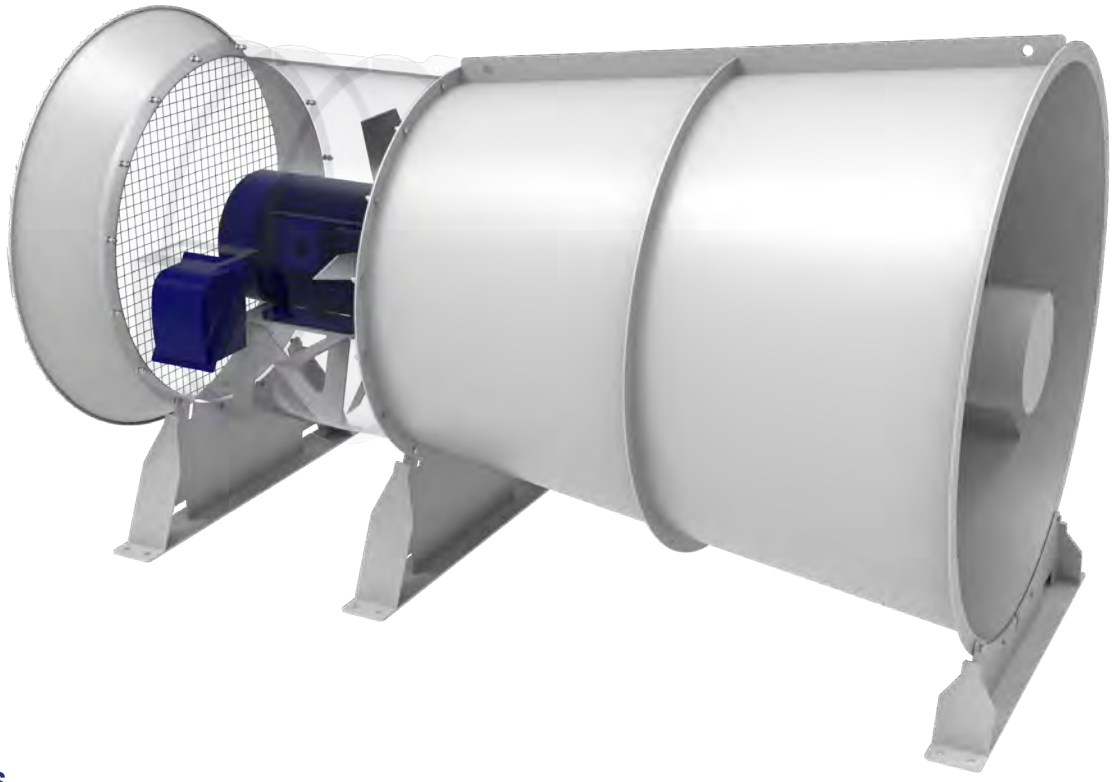
AXIAL VENTILATION FANS

CC1524

IN BRIEF

The CC1524 Series of Axial Fans are designed for low pressure booster applications. Utilising a high efficiency variable pitch impeller the CC1524 is available in a variety of sizes to match the desired duty. Available only as single stage fans.



KEY POINTS

1. Tube Axial Fan Design
2. Booster Applications Only
3. Variable Pitch Impeller
4. Single Stage Configurations
5. 1495RPM, 990RPM or 785RPM
6. Flow Rates from 10m3/s to 60m3/s
7. Pressures from 50Pa to 1300Pa

SPECIFICATIONS

DESCRIPTION	FAN SPEED	STAGES	PEAK PRESSURE	MAX VOLUME	BLADE ANGLES	MOTOR SIZE
CC1524 Single Stage Tube Axial	1495RPM	1	1.4kPa	65m3/s	28 Degrees	1 x 110kW
	1495RPM	1	1.4kPa	58m3/s	25 Degrees	1 x 90kW
	1495RPM	1	1.5kPa	51m3/s	22 Degrees	1 x 75kW
	1495RPM	1	1.5kPa	45m3/s	19 Degrees	1 x 55kW
	1495RPM	1	1.5kPa	38m3/s	16 Degrees	1 x 45kW

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

FAN SPECIFICATIONS	DESCRIPTION
Fan Design	Tube Axial
Fan Stages	Single Stage Operation
Motor Power	30kW to 110kW
Internal Diameter	1524mm
Casing Thickness	6mm
Casing Finish	HD Galvanising, Paint Finish on Request
Flange OD	1670mm
Hole PCD	1610mm
Number of Holes	16
Hole Size	22mm
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	4P, 6P
Speed	1485RPM, 990RPM
Frame	D225, D250, D280
Mounting	Foot Mounting
Leads	1m Extended From Casing
Terminal Box	External on Fan Casing
Terminal Box Protection	Steel Guard around Box