



Premier commercial kitchens

Design • Supply • Install



MAXFAN COMPAC 500MM (LOW PRESSURE)

The MaXfan Compac reinforces the high quality products that Fläkt Woods has provided over the years. The MaXfan Compac fan offers you; High Performance, Full Inverter Control, Operating temperature up to 80°C*, Easy Installation & Maintenance, Comparable noise levels, Compact robust lightweight design, DW172 Compliance

FEATURES

- Fans tested to ISO5801 and BS848
- High efficiency energy saving IE2 motor
- Low breakout noise levels
- Motor protection and terminal block IP55 (DW172 & Defra Compliant)
- Ambient temperatures up to 80°C (Dependant on size)
- Overheat protection as standard
- Compact robust light weight construction
- Galvanised casing for high corrosion resistance
- Full inverter control and flexibility

ELECTRICAL SUPPLY

230v/50Hz/1 Ph (3 Ph Motor) - L Type

Email: Office@premierck.co.uk

Tel: 0161-660-3055

Website: www.premierck.co.uk





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TEMPERATURE RANGE

Suitable for temperatures up to 80°C*

IMPELLERS

A unique high efficiency aerofoil section blade with a smoothed hub and clamp plate for adjustable pitch angle availability. The Fläkt Woods impellers are all high pressure die cast to offer thin aerofoil sections for low generation of noise. Every cast aluminium component is X-ray examined using Real Time Radiography inspection prior to assembly. The maximum pitch angles shown allow for speed control by frequency inverter.

MOTORS

All motors are totally enclosed air stream rated class F insulation. Constructed from aluminium or cast iron as standard with special pad mounted fixings. Although this product incorporates a three-phase electric motor, by using a matched inverter solution it is suitable for use with a single phase electrical supply on site. In addition, using a frequency inverter allows the speed to be turned down to 20% of maximum speed. Suitable for horizontal or vertical shaft operation. Supplied IP55, with removable drain plugs.

Sealed for life bearings lubricated with wide temperature range grease. The complete range of motors are fitted with Thermistor OHP as standard. Motors are IE2 efficiency class as standard.

CASINGS

The MaXfan Compac is available with a galvanised casing, complete with an externally mounted pre-wired electrical terminal box. Casings are spun from sheet steel with integral pre-drilled and radiused inlet flanges. The galvanised finish gives a high resistance to corrosion and is ideal for external as well as internal use.

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PRODUCT AND ELECTRICAL TABLE - 50 MaXfan Compac

Part Number	Fan Description	Speed	Temperature (°C)	Frame	kW	FLC (A)	SC (A)	Phase	Voltage	Inverter Model	Wiring Diagram	Breakout Sound Level dB(A) @ 3m	Fan Weight (kg)	Casing Length (mm)
EJ513266	50 MaXfan Compac	2910	65	90	2.64	9.4	52.8	1	230	9.6	CD3042	48	50.5	520

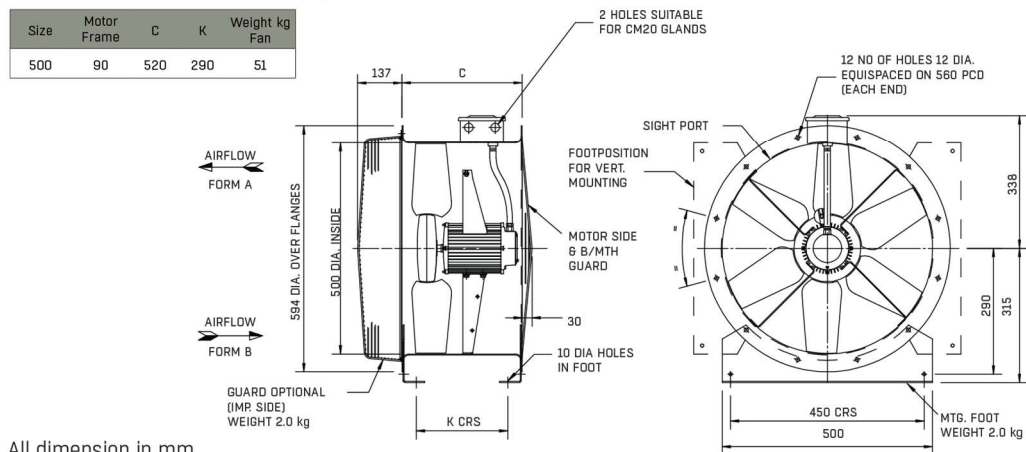
SOUND DATA - 50 MaXfan Compac

	Sound Spectrum (Hz)								Overall	
	63	125	250	500	1k	2k	4k	8k	Lw*	LpA @ 3m**
Inlet*	83	79	87	88	86	85	81	78	94	71
Outlet*	85	79	90	89	86	86	81	79	95	72
Breakout*	75	61	68	66	61	58	59	55	77	48

*Lw dB re 10^{-12} W
Ps Sound data at 2.63m3/s @ 400Pa (static)

**dBA re 2×10^{-5} Pa

DRAWING - 50 MaXfan Compac



All dimension in mm

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