

Fan Code	40 Maxfan Compac
Fan Diameter / Size	400 Size / mm
Fan Speed	2840 rpm
Velocity	5.1 m/s
Blade Angle	16°
Installation Type / Form of Running	D / AB
Fan Casing	Long
Requested Duty	0.65 m³/s @ 542 Pa (static)
Outlet Dynamic Pressure	16 Pa
Duty Shaft Power	0.694 kW
Max Shaft Power	0.737 kW
Total Efficiency	52.1 %
Motor Frame	80 [Class F]
Motor Rating	1.32 kW [IE2]
Full Load Current	4.71 A
Starting Current	25.5 A
Motor Mounting	Pad
Electrical Supply	220-240 Volts 50 Hz 1 Phase
Start Type	DOL
Motor Winding	Standard
Enclosure	Standard All
ErP [FMEG] Rating	N 62 (ErP Compliant 2015)
ErP [FMEG] Target	N 58
FMEG Blade Angle [Range]	0° [0° - 0°]
Measurement Category	D (Total)
VSD	N
Fan + Motor Efficiency	55.8% (1.29 m³/s @ 375 Pa)
Motor Input Power (ErP)	0.870 kW
SFP value	1.35 W/(l/s) @ Requested Duty
Power from mains	0.87 kW
Energy Consumption	2622 kWh (3000 h/year)
Running Cost / Year	£315
Air Density	1.2 kg/m³ / 20 °C / 0 m / 50% RH
Smoke Venting	Non Smoke Venting
Product Number	EJ413456

Performance data has been derived from tests carried out in a Flakt Woods laboratory, in accordance with ISO 5801 and is specifically applicable for Ducted installations. When an electronic controller is incorporated, enhanced motor noise can occur - particularly when the operating speed is well below maximum. FWL therefore recommend using an auto transformer speed controller for noise sensitive applications. Bifurcateds are Erp exempt when used continuously at >100°C. They are not for use in the EEA at lower temperatures.

The Maxfan Compac includes a preprogrammed inverter drive to operate via 1 phase supply, offering full speed control and optimised performance.

Acoustic data has been derived from tests carried out in a Flakt Woods laboratory, in accordance with BS 848 Pt 2, 1985 / BS EN ISO 5136 under Ducted conditions. The single figure provided is the overall Inlet sound pressure level at the specified distance, under spherical, free field conditions.

Acoustic figures for adjusted running speeds have been interpolated and are for reference only.

Terms and Conditions: This offer is made subject to the terms and conditions detailed on the accompanying letter.

	Sound Spectrum (Hz)								Overall	
	63	125	250	500	1k	2k	4k	8k	Lw*	LpA @ 3m**
Inlet*	84	85	91	88	88	85	82	77	95	71
Outlet*	86	86	94	89	89	86	83	78	97	73
Breakout*	76	71	74	68	63	57	58	55	79	49

* Lw dB re 10⁻¹² W

Sound data at requested duty.

** dBA re 2x10⁻⁵ Pa

Dimensions

Wiring Diagrams

PRICES & OPTIONS