

Project : Customer : Project Code :
Quotation : Date : 21 February 2025

MaXfan Compac
50 MaXfan Compac
1 day - (Fan Only)
Lead time may vary based on stock availability at time of order. Please refresh the lead time in the project or reselect the fan before placing an order.

Table with 2 columns: Product, Value. Rows include Model Code, Fan Diameter, Fan Speed, Impeller, Installation, Fan Casing.

Table with 2 columns: Performance, Value. Rows include Requested Duty, Actual Duty, Outlet Dynamic Pressure, Velocity, Absorbed Power, Peak Power, Efficiency.

Table with 2 columns: Motor, Value. Rows include Motor Rating, Full Load Current, Starting Current, Electrical Supply, Motor Winding, Motor Type.

Table with 2 columns: Efficiency Grades, Value. Rows include ErP [FMEG] Rating, ErP [FMEG], FMEG Blade Angle, Measurement Category, VSD, Fan + Motor Efficiency, Motor Input Power.

Table with 2 columns: Environment, Value. Rows include Air Density, Smoke Venting, Operating Environment.

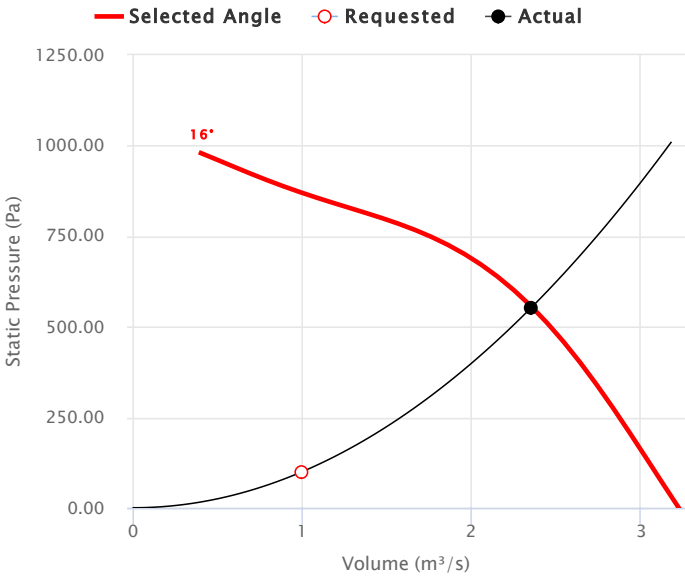
Table with 2 columns: Running Costs, Value. Rows include Power from mains, Energy Consumption, Running Cost / Year, CO2 per Year, SFP value.

PRODUCT DIMENSIONS
This drawing shows dimensions that should be used as a guide only and are subject to change. Certified drawings are available on request.

Table with 2 columns: Mechanical, Value. Rows include Casing, Impeller, Operating Temperatures.

COMMENTS

FAN PERFORMANCE CURVE



ACOUSTICS

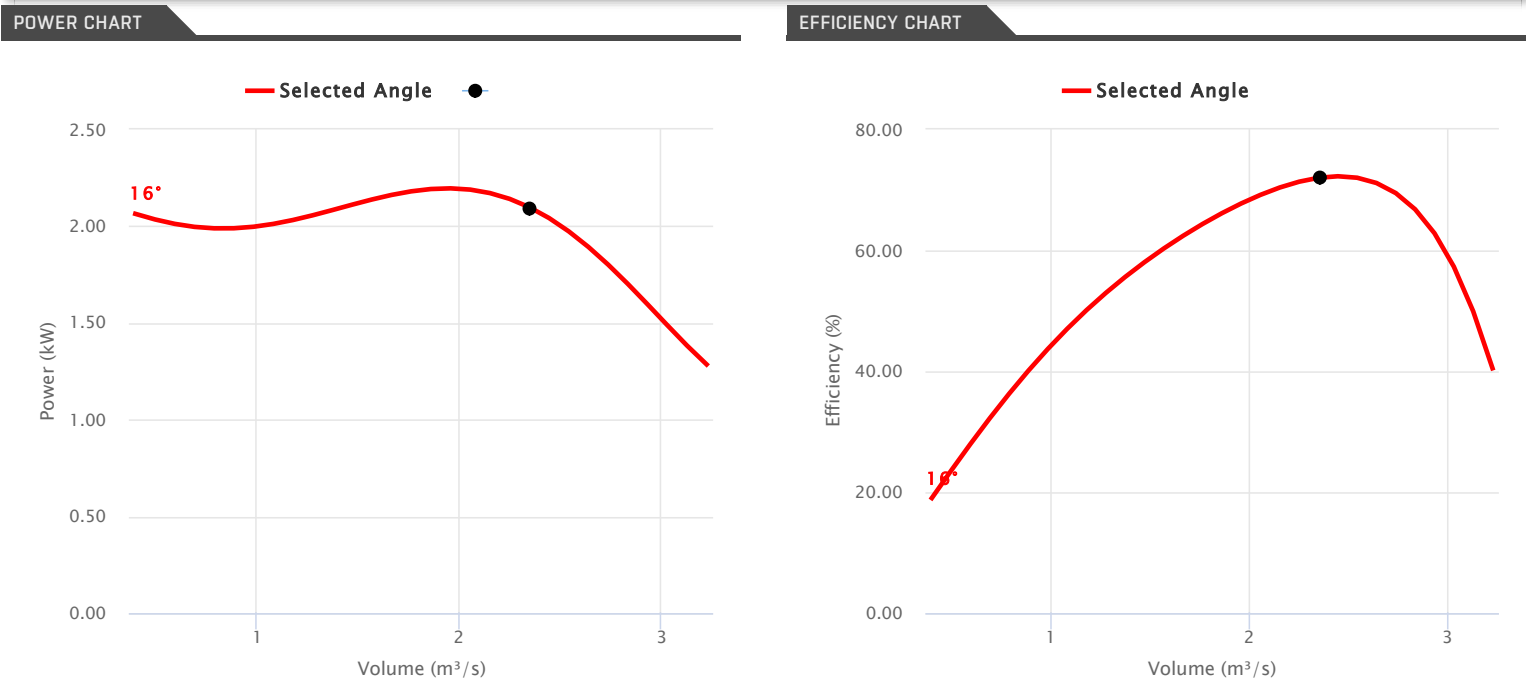
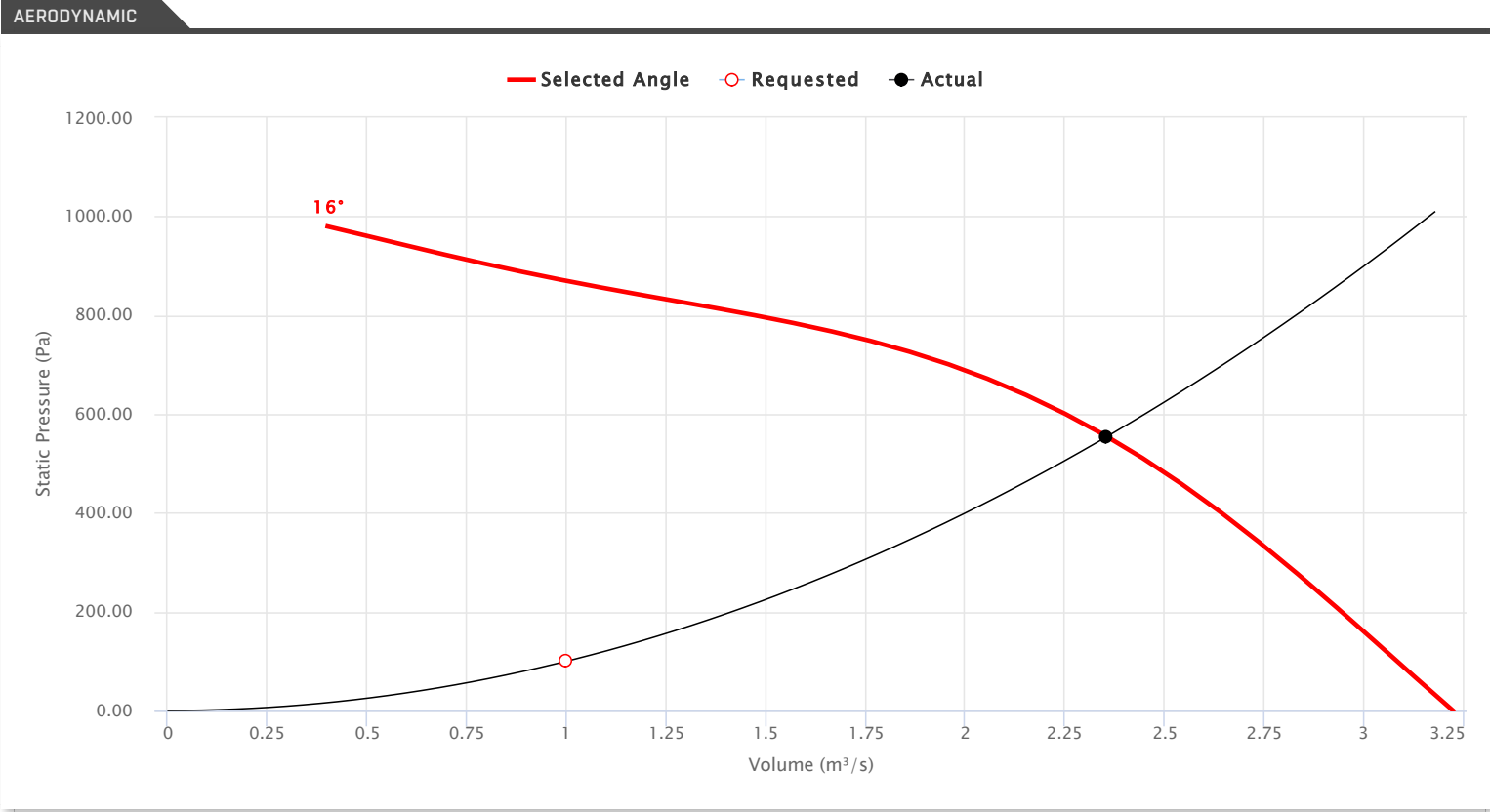
Table with 3 main sections: Sound Spectrum (Hz), Overall, and Distance (3 m). Rows include Inlet, Outlet, Breakout.

Sound Data At Requested Duty. * Lw dB re 10 -12 W ** dBA re 2x10 -5 Pa

FAN & ACCESSORIES

Table with 4 columns: Item Description, Part Number, Qty, Lead-Time. Rows include 50 MaXfan Compac, IEDXB20 - 1ph to 3ph Inverter.

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ACOUSTICS

	Sound Spectrum (Hz)								Overall	
	63	125	250	500	1k	2k	4k	8k	Lw*	LpA @ 3 m **
Inlet	86	82	90	91	89	88	84	81	96	74
Outlet	88	82	93	92	89	89	84	82	98	74
Breakout	78	64	71	69	64	61	62	58	79	50

Sound Data At Requested Duty . * Lw dB re 10⁻¹² W ** dBA re 2x10⁻⁵ Pa

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PRODUCT DIMENSIONS

ACCESSORY DIMENSIONS

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MAXFAN COMPAC

ACOUSTIC NOTES

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, motor noise may increase slightly - particularly when the operating speed is well below maximum. We therefore recommend using an auto transformer speed controller for noise sensitive applications. Bifurcated Axial fans are ErP exempt, where the in-duct air temperature is continuously greater than 100°C. This fan variant should not be used within EEA countries at lower temperatures.