

ENERGY SAVING

EC Fan

High Performance & Long Lifetime

Combine AC with DC advantage

Titan EC motor runs on a DC voltage, but with an AC supply.

Long Lifetime

Low temperature rise of motors extend a motor's lifetime

High Performance

Larger fan speed range than that of AC Fan

Energy Saving

Reduce over 80% power consumption than AC motors

80%
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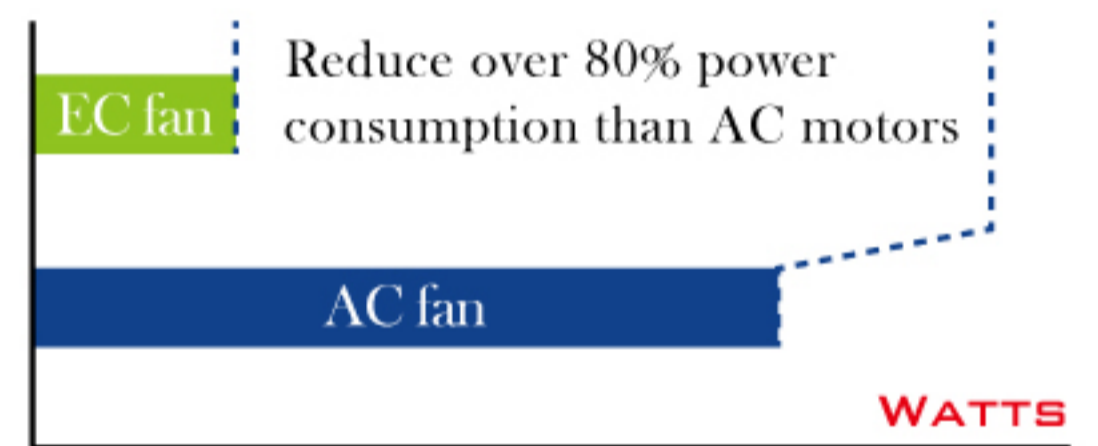


Comparison of EC Fan and AC Fan

	Power Consumption (W)	Bearing Temperature Rise (°C)	Rated Speed (RPM)	Airflow (CFM)	Static Pressure (mmAq)	Noise Level (dBA)
TFD-P12038 EC Fan	5.3W	+15.4	2650	83.9	7.24	41.7
AC Fan 12038	28.0W	+68	2580	78.4	6.93	41.0
TFD-P17251 EC Fan	8.9W	+14.7	2675	203.5	7.6	44.5
AC Fan 17251	47.6W	+72	2520	164.3	5.4	44.8

As the data of power consumption shows that EC motors are around 80% more efficient than AC motors and with low temperature rise, featuring longer life time.

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Specification

	TFD-P17251H220B	TFD-P15050H22B	TFD-P14025H22B	TFD-P12038H22B	TFD-P12025H22B
Outline. Dimension	170 X 150 X 51 mm	150 X 150 X 50 mm	140 X 140 X 25 mm	120 X 120 X 38 mm	120 X 120 X 25 mm
Operating Voltage	110-270 V				
Rated .voltage	220 V				
Starting Voltage	≤110V on/off				
Power consumption(Max)	30W	60W	6W	15W	5W
Speed	3500±10%RPM	5000±10%RPM	2500±10%RPM	3500±10%RPM	2900±10%RPM
Airflow	280CFM	342CFM	121.5CFM	134CFM	74.9CFM
Air .Static Pressure)	20.30mmH2O	33.7mmH2O	5mmH2O	11.9mmH2O	6.5mmH2O
Noise Level(Max)	61.24dB	<75.8dB	<47.2dB	<58dB	<39.5dB
Life expectancy	50000 hrs at temp40°C				



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