

● **ECplus REFRIGERATION MOTORS**

EC Fans & Drives are pleased to introduce the 'ECplus' motor to the commercial refrigeration sector. Our technically advanced range of high performance, high efficiency motors and fans offer a 21st Century solution to companies seeking a high performance yet high efficiency capability, combining full functionality, variable speed control, and best in class power consumption for all customer applications.

● **INDUSTRY LEADER IN EC MOTOR TECHNOLOGY**

80%

SAVING IN ENERGY CONSUMPTION

Up to 80% is how much more energy efficient our

ECplus motors are compared to a traditional shaded pole motor.



Our Products Are Designed To Save Money And Energy - That's Being **GREEN**.

● **ECplus MOTOR ADVANTAGES**

Efficiency

- Up to 70%

Compact

- Smallest Envelope Size

Practical

- Designed as a drop-in replacement for existing AC & EC motors

Long-Life

- High quality, maintenance free ball bearings as standard

Unlimited

- Variable speed control
- Timed reverse

Standard

- Inventory reduction by purchasing one motor – up to 20 watt shaft power
- Soft start-up which prolongs the life of the integrated electronics
- 3 preset constant speeds as standard
- Locked rotor and thermal overload protection



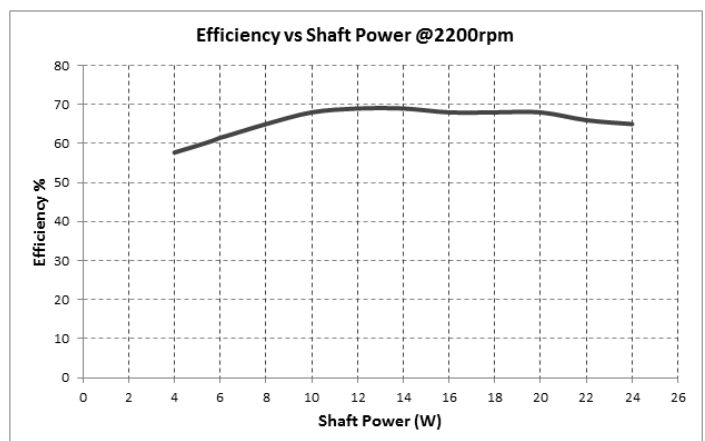
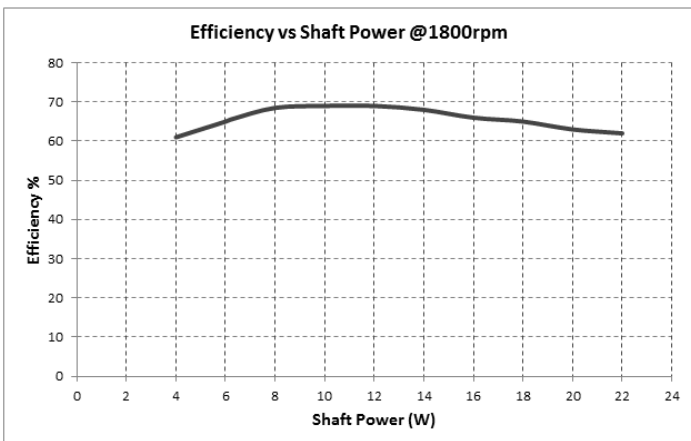
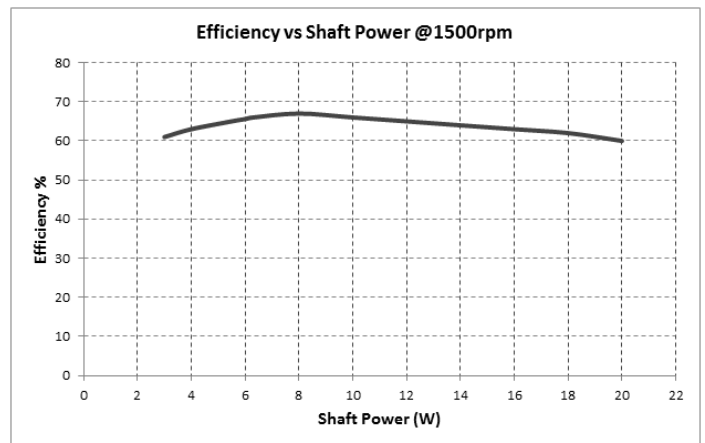
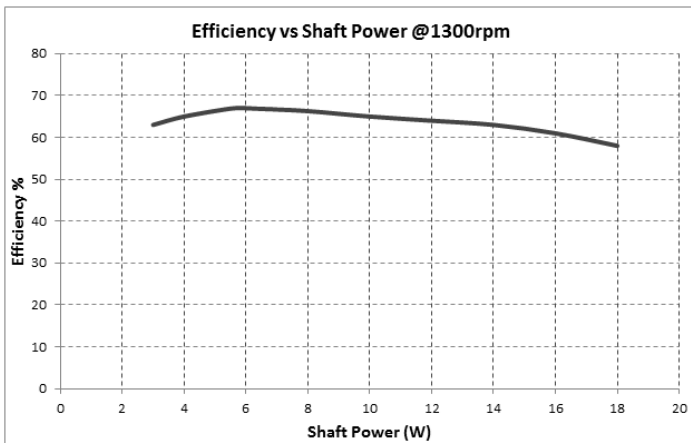
● ECplus - GENERIC SPECIFICATION

ITEM	SPECIFICATION
Rated voltage	120 / 230Vac (+/-10%), 50/60Hz
Temperature range	-30°C to +50°C
Rated current	0.28A±0.02A
Output Power	0 – 25W
Rated speed	300 to 2300rpm (+/-1%)
Speed Selection	3 discrete programmable speeds
Direction of rotation	CCW, CW, reversible
Reverse Speed	Timed reverse option available
Motor Protection	Thermally Protected
Ground Protection	Double Insulation
Insulation Class	Class B
Bearing	608 sealed roller bearings
Approvals	UL / TÜV (in progress)
Ingress Protection	IP54 (IP55 on request) all directions

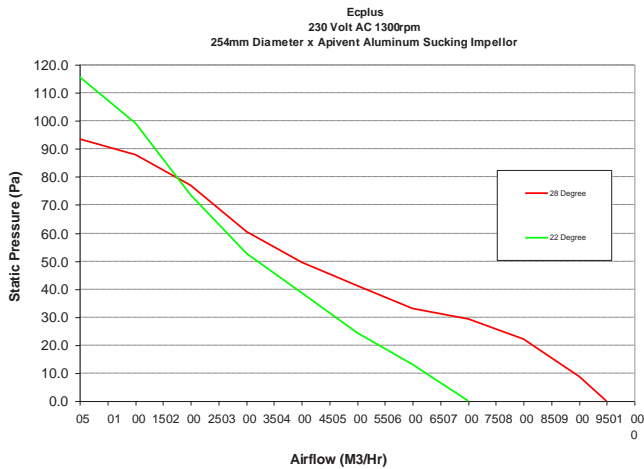
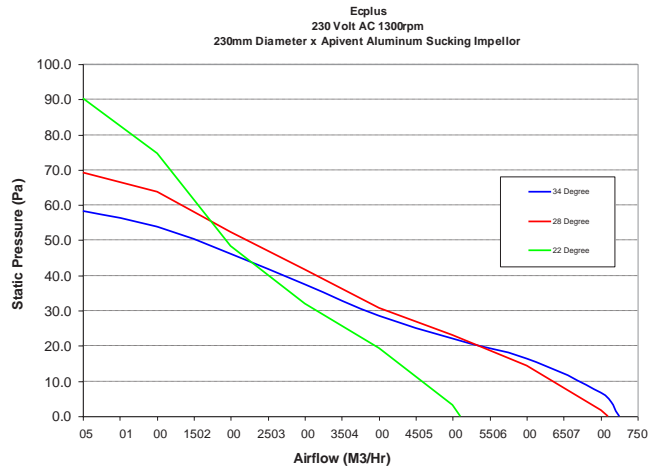
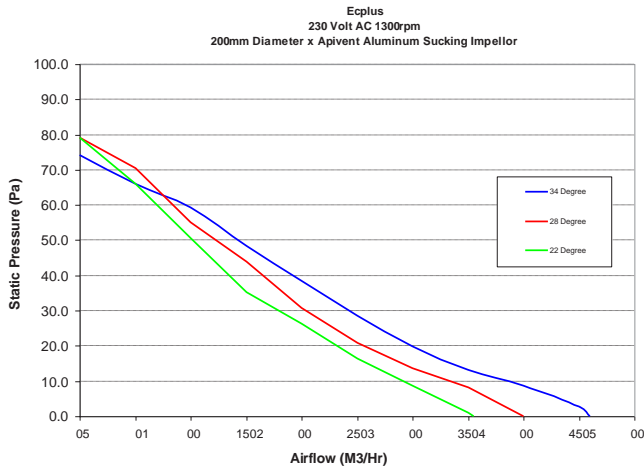
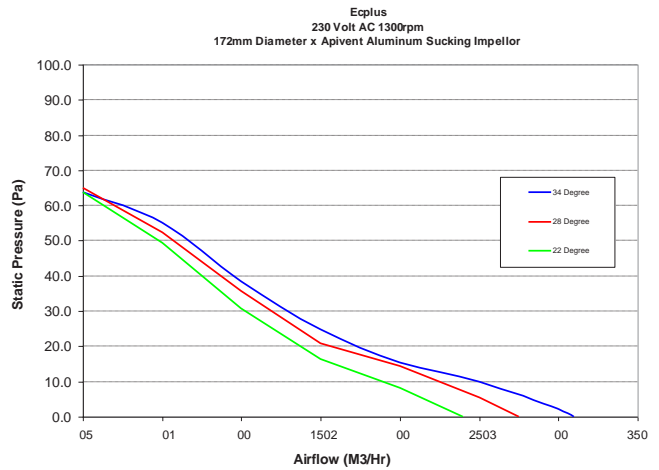
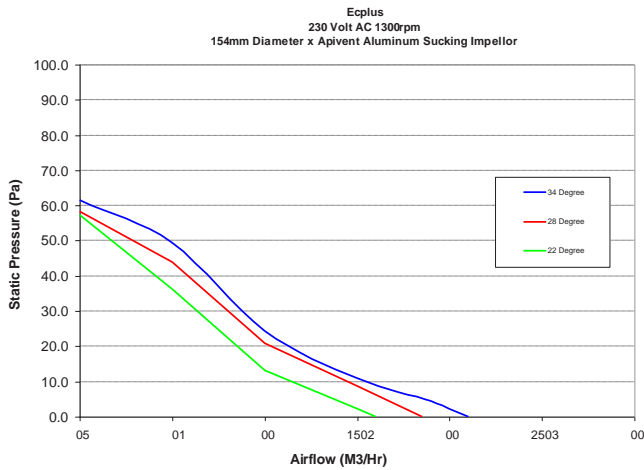


● ECplus PERFORMANCE

ECplus was connected to a calibrated Magtrol Motor Tester with a supply voltage of 230 Volt AC and the graphs below illustrate the efficiency of Watts Power In v's Watts Power Out at a given torque.



● ECplus - INDICATIVE AIRFLOW CURVES



The worldwide impetus to conserve energy through efficient design has never been stronger and, with electric motors responsible for more than half of global electricity consumption, EC Fans & Drives stands at the center of this worldwide initiative.

Contact us today, to experience the future of high technology and high efficiency with EC Fans & Drives leading the way!

Main: 508-996-7400
www.ecdrives.com