FAN SUMMARY

ECMF-150-S is a sound foam insulated 6" inline fan with a fully adjustable brushless EC motor which supports a wide range of speed control devices. The fan is built with strong, impact-resistant steel housing and jet-shaped mixed-flow dual blades for powerful, high-pressure directional airflow with extremely low sound output.

This fan has one of the highest efficiency rates in its category and can generate 288 CFM airflow using only 36 Watts of power. Fan performance data is independently certified by HVI. Fan meets Energy Star Most Efficient 2021 criteria.

SPEED CONTROLLER OPTIONS

Variable Speed Controller – Included With Each Fan

Digital 8-Speed Controller - Optional
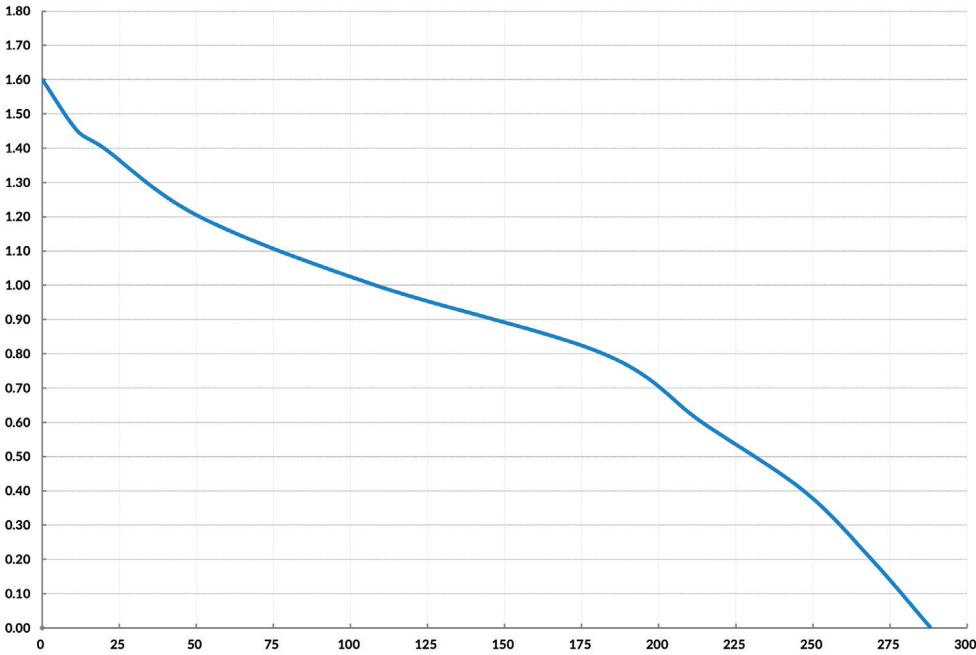
Smart Thermostat Speed Controller – Optional

Wireless Remote Speed Controller – Optional

TECHNICAL SPECS

Fan Size	6"	150 mm
Casing Material	Steel
Motor	6-pole Brushless EC with Auto-Restart Lock Protection and Soft-Start Features
Max Airflow	288 CFM @ 0" W.G.
HVI Certified Airflow	260 CFM @ 0.2" W.G.
Max Static Pressure	396 Pa (1.59" W.G.)
Sound Output	31-50 dB
Max Speed	5000 RPM
Included Speed Controller	Potentiometer
Included Speed Controller Wire	16 feet, TRRS 3.5mm Male-To-Male Jack
Optional Speed Controllers	PWM, 0-10V, Wireless Remote Add-On
Fan Bearings	Dual Ball NMB
L10 Life Expectancy	70,000 Hours
Voltage	110-240V AC
Frequency	50/60 Hz
Power	36W
Current	0.54A
Power Plug	NEMA 5-15 Type A (USA Standard)
Operating Temperature	15°F (-10°C) to 140°F (60°C)
Max Operating Humidity	90% RH
Ingress Protection	IPX4
Fan Blade Flammability Rating	UL94 V-0
Fan Safety Listing	ETL Listed, Conforms to UL Standard 507, Certified to CSA standard C22.2 No113
Performance Certification	HVI Certified, Energy Star Most Efficient 2021
Warranty	2 Years

PRESSURE CURVE

DIMENSIONS

ø 0.39" (10 mm)
4.84" (123 mm)
5.82" (148 mm)
9.56" (243 mm)
18.46" (469 mm)
1.53" (39 mm)
21.5" (547 mm)