

# ECMF-250-S

10" | 250MM | 126 WATTS  
946 CFM | 1607 M³H | 410 PA

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TERRABLOOM®

### FAN SUMMARY

ECMF-250-S is a sound foam insulated 10" 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 946 CFM airflow using only 126 Watts of power. Fan performance data is independently certified by HVI. Fan meets Energy Star's Most Efficient 2021 criteria.

### SPEED CONTROLLER OPTIONS



Variable Speed Controller – Included With Each Fan



Digital 8-Speed Controller - Optional



Smart Thermostat Speed Controller – Optional

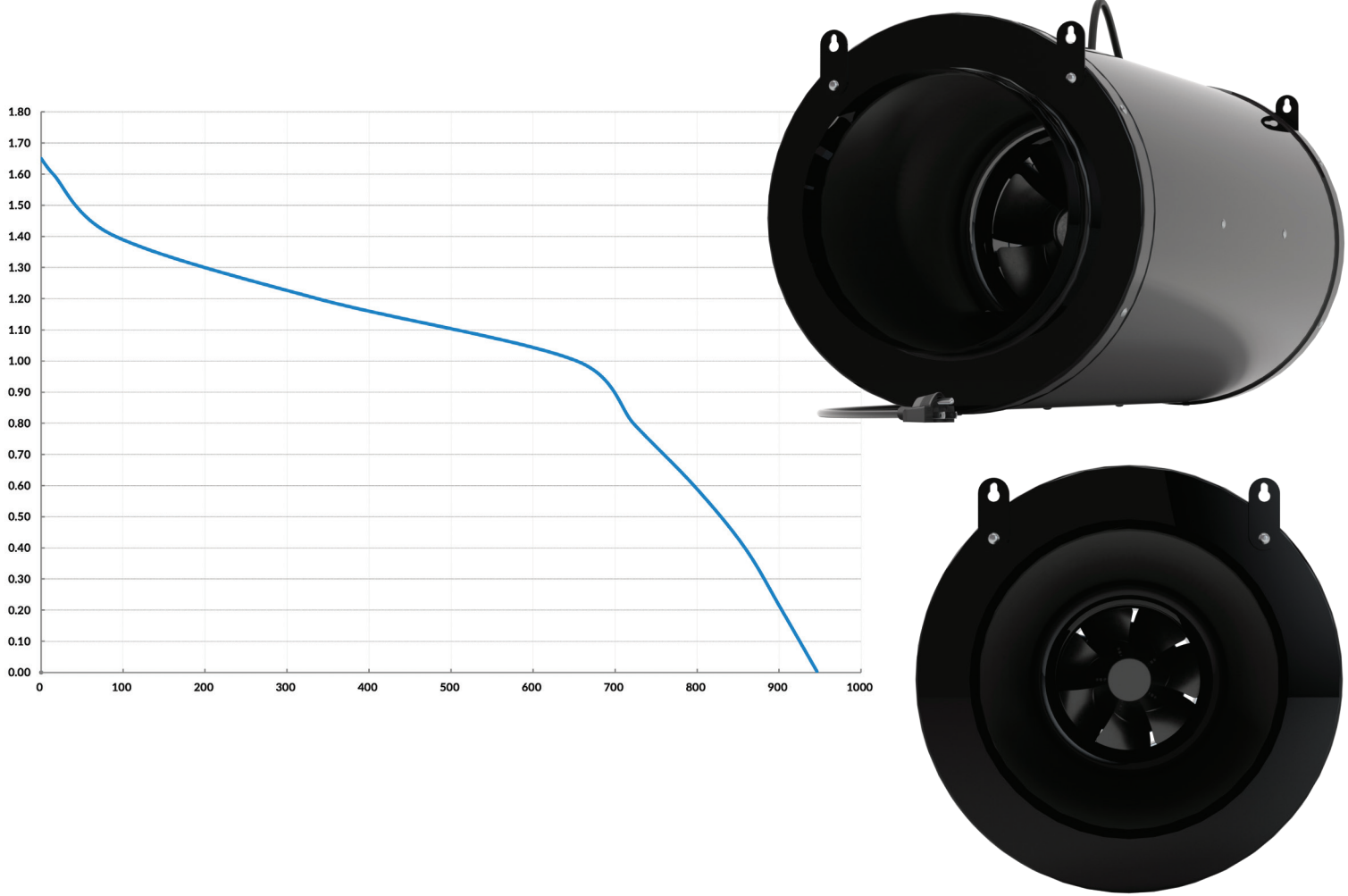


Wireless Remote Speed Controller – Optional

### TECHNICAL SPECS

Fan Size	10"   250 mm
Casing Material	Steel
Motor	6-pole Brushless EC with Auto-Restart Lock Protection and Soft-Start Features
Max Airflow	946 CFM @ 0" W.G.
HVI Certified Airflow	900 CFM @ 0.2" W.G.
Max Static Pressure	410 Pa (1.65" W.G.)
Sound Output	31-53 dB
Max Speed	3,200 RPM
Included Speed Controller	Potentiometer / 0-10V
Included Speed Controller Wire	16 feet, TRRS 3.5 mm 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	126W
Current	1.8A
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 Approvals	ETL Listed, Conforms to UL Standard 507, Certified to CSA standard C22.2 No113
Warranty	2 Years

### PRESSURE CURVE



### DIMENSIONS

