

# Product brochure

# Munters E-line Efficiency redefined





# Redefine efficiency with E-line precision

Elevate your farm ventilation with E-line fans. Our cutting-edge EC motor technology delivers unmatched efficiency. Enjoy precise control, eliminating power spikes and tailoring ventilation to your exact needs. Built for durability and minimal upkeep, E-line fans offer a long-term, sustainable investment in your farm's future.



Up to 50% reduction in electricity consumption and up to 20% savings on heating.

Lower your ventilation costs while contributing to a greener future with a reduced carbon footprint.



Optimal efficiency by precisely adjusting speed to meet your needs.

Gentle soft starts protect your electrical infrastructure and prevent costly disruptions.

Monitor your usage to optimize your ventilation strategy



Diagnostics, troubleshooting, and statistics at your fingertips via Bluetooth app.

Our traffic-light system instantly pinpoints alarms, displays critical parameters, giving you the information you need, when you need it.

## Field-proven results

**Saturn FIVE E-line in action**  
The benefits of the E-line extraction fans have been proven in tests conducted on a broiler farm located in northern Italy.

The trials compared two identical houses, each 117 meters long, 16 meters wide, and 4.4 meters high (2.7 meters at the ridge). The houses were stocked with around 37,000 broilers each. One house was equipped with ten Saturn FIVE E-line fans, while the other house featured ten Saturn fans with AC motor.

Trials ran from October 2023 across multiple flocks. The house equipped with the E-line showed significant energy and fuel savings compared to the other house.

The farmer immediately noticed remarkable improvements in the house with the E-line fans.

- Substantial reduction in energy consumption during the various flocks.
- Considerable reduction in fuel consumption during the winter months.
- Drastic reduction in noise.
- Improved, drier litter, led to better animal distribution and uniform growth.
- Reduction of dust emitted into the external environment by the fans.

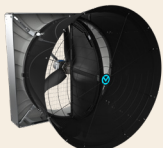
By improving animal welfare, reducing operational costs, and minimizing environmental impact, Munters E-line empowers farmers to achieve superior farm performance and profitability.

October 2023-March 2025

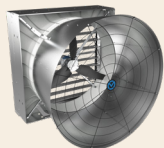
**43%** Energy savings  
Average measured across all flocks

**18%** Fuel savings (heaters)  
Average measured across all flocks

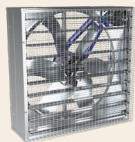
E-line technology available with:



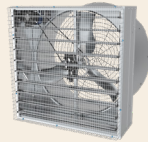
Saturn FIVE



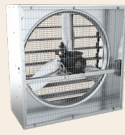
Saturn ONE



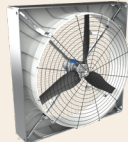
EM50



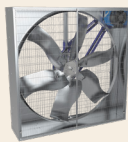
EC50



ED36HE

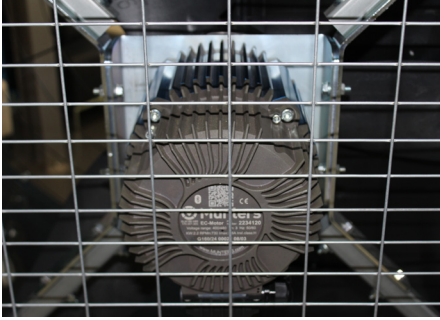


Saturn Breeze



EMS50

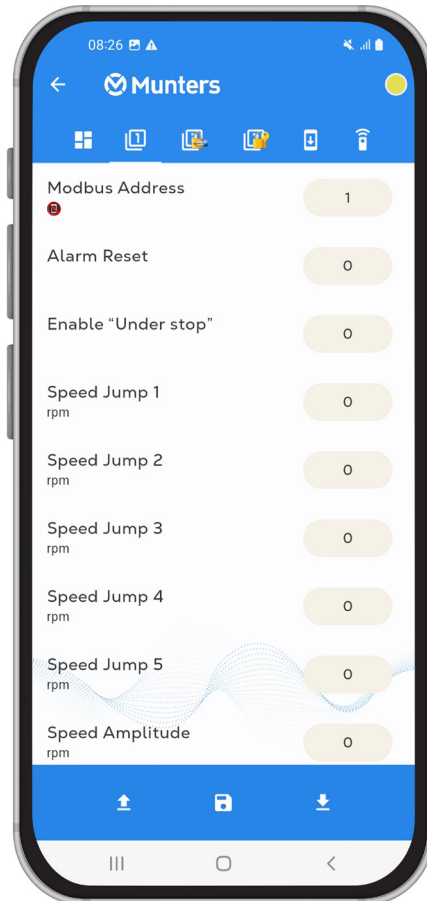
# E-line



## Precision ventilation

Boost farm health and profitability with E-line precision ventilation.

Our adaptable variable speed motors ensure optimal airflow year-round, reducing energy costs, noise, and dust. IP66-rated, CE-certified, IE5-rated motors, designed for durability, offer a range of power configurations.



## Animal welfare

E-line's soft start and precise speed control ensure optimal airflow, reducing stress and noise for healthier, more productive animals. Improved bedding conditions contribute to greater comfort and uniform growth.

## Effortless diagnostics

Installers enjoy simplify fan management with E-line's smart features.

Bluetooth setup and maintenance are a breeze, while ModBus RTU offers advanced control.

Continuous operation is assured with the built-in fallback speed.