

Product sheet
ED36HE - ED30HE
ED24HE



- Family member of the time proven Euroemme® fan range
- High airflow capacity with excellent energy efficiency
- Low power consumption
- Direct drive system
- Patented shutter-opening device



All metal products from Munters are made in Munters Protect.

The coating technology has greatly improved the galvanization process and hence the corrosion resistance present in Munters Protect steel coating. The protection against perforation of the metal is far more long-lived than the traditional hot dip galvanization.

Today Munters Protect is the best anti-corrosion protection on the market.

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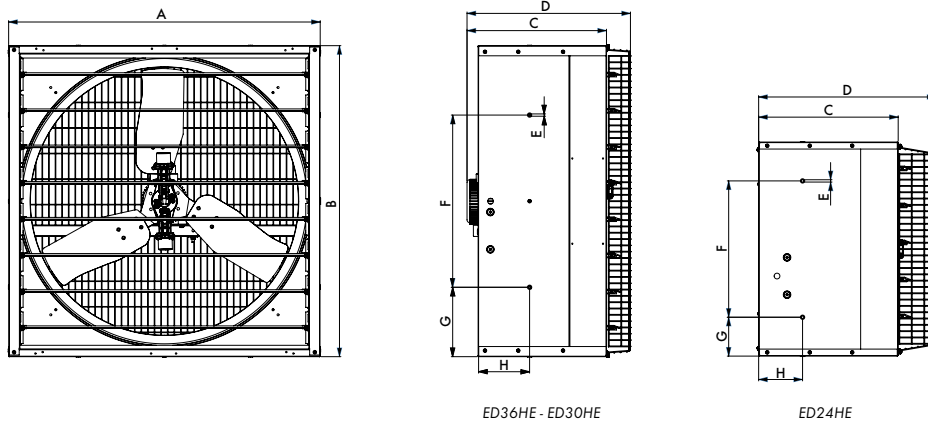
The ambition of Munters is to achieve sustainable solutions that provide both environmental and economic benefits for its customers, and so, driven by the European ErP Ecodesign Directive 2009/125/EC, we have introduced the new Euroemme® EDHE exhaust fans series.

The EDHE fan series belongs to the new generation of high energy efficient, very robust and reliable exhaust fans range, suitable for an extensive variety of professional applications in order to create optimal climate control system. The EDHE exhaust fan series consists of a 36/30/24" box fan and a direct drive system, with the 3-blade propeller statically and dynamically balanced attached onto the electric motors shaft. The shutter blades are installed on the outlet side, and the whole shutter system is driven by the patented shutter-opening device, that is operated by the propeller rotation. This combination renders the EDHE as the ideal air extraction fan that can deliver high airflow capacity with low power consumption.

The EDHE has been designed, tested and developed in the Munters R&D laboratory, while the performances were confirmed by tests performed in BESS Lab at the Agricultural Engineering Department of University of Illinois, USA.



Dimensions



ED36HE - ED30HE

ED24HE

Model	A	B	C	D	E	F	G	H
ED36HE	1,085	1,085	485	570	M8	600	242.5	180
ED30HE	950	950	485	570	M8	600	175	95
ED24HE	750	750	485	620	M8	475	137.5	150

All measurements are in millimeters.

Technical specifications

		ED36HE	ED30HE	ED24HE
		0.75hp	0.5hp	0.5hp
Number of blades		3	3	3
Number of shutter blades		8	7	5
Propeller diameter	mm [inch]	915 [36]	770 [30]	610 [24]
Weight of fully equipped fan*	[kg]	70	60	49
Efficiency grade**		43.7	40.5	40.4
Airflow at 0 Pa	m ³ /h [cfm]	19,100 [11,300]	14,400 [8,460]	9,100 [5,360]
Airflow at 12 Pa	m ³ /h [cfm]	18,200 [10,700]	13,700 [8,080]	8,800 [5,180]
Airflow at 25 Pa	m ³ /h [cfm]	17,200 [10,100]	12,900 [7,620]	8,400 [4,960]
Specific performance at 0 Pa	m ³ /h /W [cfm /W]	30.3 [17.8]	22.1 [13.0]	17.3 [10.2]
Max. operating temperature	°C [°F]	50 [122]	50 [122]	50 [122]
IEC protective class of electric motor		IP55	IP55	IP55
Electric motor winding insulation grade		F	F	F

* Excludes safety kit for installation below 2.7m above the floor.

** According to the requirements of the European ErP Ecodesign Directive 2009/125/EC.

Euroemme® EDHE exhaust fan is developed and produced by Munters Italy S.p.A., Italy



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