



# Munters EDC 18-24 GHp

## Air circulation fans

The EDC GHp Series is one of the latest air circulators families developed and produced by Munters, aimed at improving air quality and climate conditions in any greenhouse and poultry (broiler, layer) application.

### Features

- Superior durability with Munters Protect coating, 3 years warranty against corrosion
- Fast and easy installation
- Compact design
- Optimized temperature and humidity distribution
- Reduced energy consumption and ventilation costs

Developed to break up stratified heat, humidity and stagnant air, Munters EDC GHp Series ensures stable climate temperature inside different structures. The EDC GHp Series includes an 18" and 24" version and is designed to improve indoor air quality and diminish the risk of condensation, optimizing temperature and humidity distribution.

The compact and efficient design reduces the negative effects of shading on plant growth, maximizing light exposure and transpiration in greenhouses, while it guarantees better air conditions and uniformity in poultry farms, enhancing animals comfort and growth rate.

Munters EDC GHp air circulators provide an energy efficient solution, as they ensure high airflow and low energy consumption, which results in a significant decrease of heating and cooling costs.

The unique propeller design is self-cleaning to reach the highest efficiency when operating and avoid maintenance and cleaning procedure.

As market leader in ventilation solutions for more than 60 years, Munters guarantees quality and is ISO 9001 certified.

### Airthrow specifications

	Length (L) <sup>1</sup>	Gable Height (GH) range
EDC18GHp	25 m	GH > 2.5 m
EDC24GHp	30 m	GH > 3.5 m

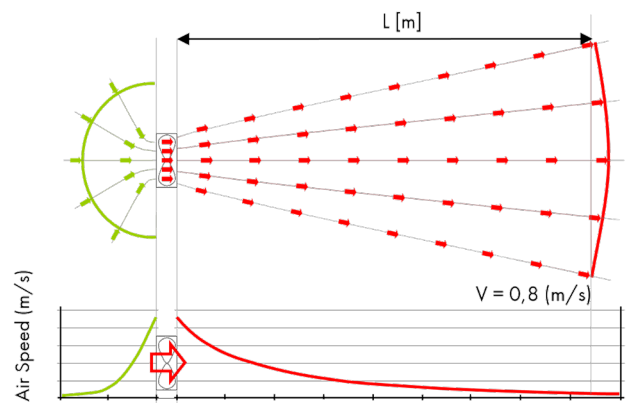
<sup>1</sup>Considering a residual speed of 0.8 m/s



EDC18GHp front view



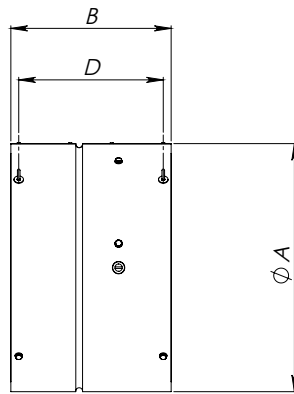
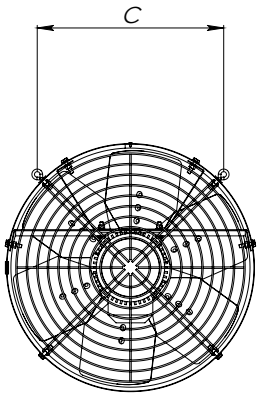
EDC24GHp rear view



# Munters EDC 18-24 GHp

## Air circulation fans

### Dimensions

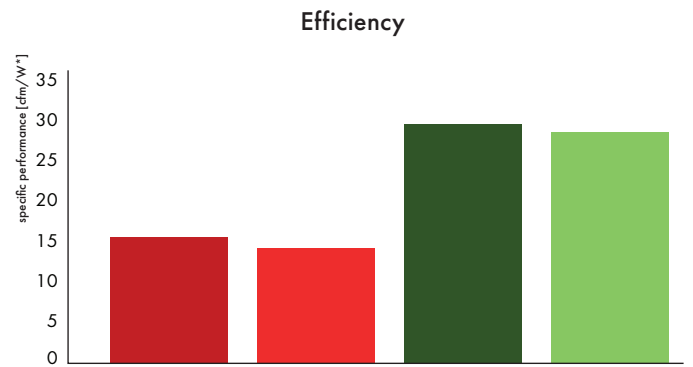
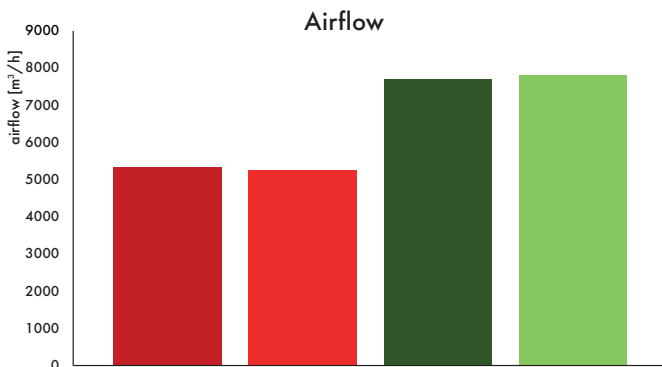


	A	B	C	D
EDC18GHp	472 mm	305 mm	355 mm	275 mm
EDC24GHp	623 mm	305 mm	458 mm	275 mm

### Technical specifications

		EDC18GHp	EDC24GHp
Nominal power	Hp	0.5	0.5
Propeller diameter	mm [inch]	450 [18]	600 [24]
Number of blades/material		6/Munters Protect	6/Munters Protect
Nominal propeller speed	rpm	1400	900
Weight of fully equipped fan	kg	14	20
Max power consumption/max current <sup>1</sup>	W/A	620/1.2	500/1
Motor insulation grade/protective class		F/IP55	F/IP55
Noise level <sup>2</sup>	Db(a)	69.2	65.7

<sup>1</sup>50 Hz 400 V specification, 60 Hz available upon request, <sup>2</sup>Noise measure made according to ISO 3744



EDC18GHp		EDC24GHp	
IE2	IE1	IE2	IE1

Airflow and efficiency data measured at standard conditions (20°; 1013 hPa). \*1 cfm/W = 1.7 m³/hW

### Load capacity

	EDC18GHp		EDC24GHp	
	Unit/pallet	Unit/container	Unit/pallet	Unit/container
20' Container	56	336	42	168
40' Container	56	672	42	336
40' HC Container	64	768	48	384

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