

Munters Euroemme EDC GHp

Air circulation fans

The EDC GHp series is one of the best-known air circulators, aimed at improving air quality and climate conditions in any greenhouse and poultry (broiler, layer) application.

Benefits

- Superior durability with M-Protect coating
- Fast and easy installation
- Compact design
- Optimized temperature and humidity distribution
- Reduced energy consumption and ventilation costs

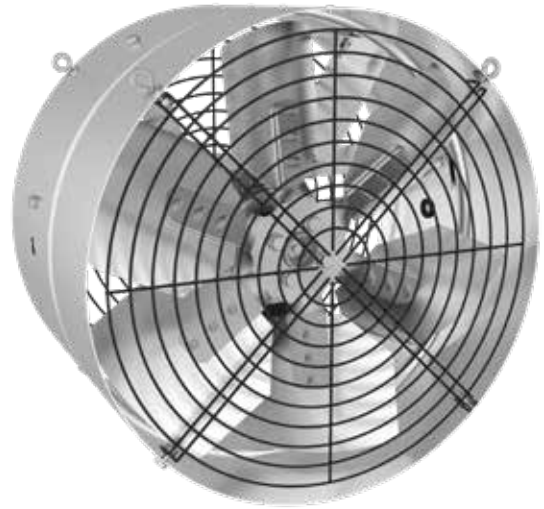
Developed to break up stratified heat, humidity and stagnant air, the EDC GHp series ensures stable climate temperature inside different structures. It includes an 18" and 24" version and is designed to improve indoor air quality and diminish the risk of condensation, optimizing temperature and humidity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

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 the market leader in ventilation solutions for more than 60 years, GrainProteinTech Climate Control & Air Treatment guarantees quality and is ISO 9001 certified.



EDC18 GHp front view



EDC24 GHp rear view

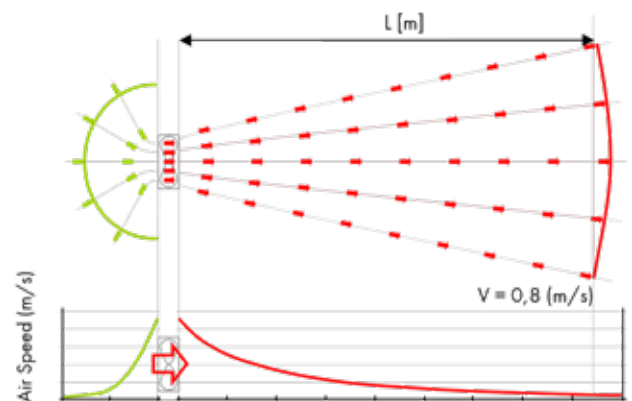


Proudly manufactured with 100% renewable energy in our plants in Italy

Airthrow specifications

	Length (L) ¹	Gable Height (GH) range
EDC18 GHp	25 m	GH > 2.5 m
EDC24 GHp	30 m	GH > 3.5 m

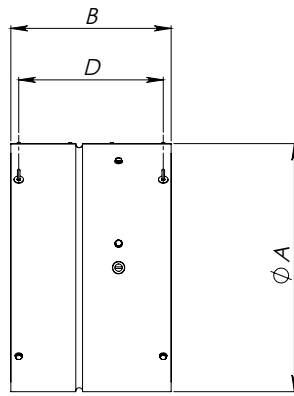
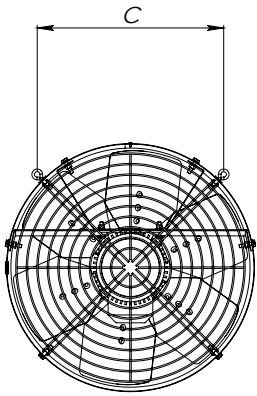
¹Considering a residual speed of 0.8 m/s



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Dimensions



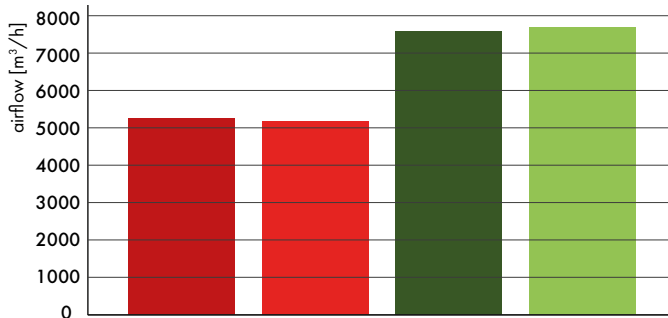
	A	B	C	D
EDC18 GHp	472 mm	305 mm	355 mm	275 mm
EDC24 GHp	623 mm	305 mm	458 mm	275 mm

Technical specifications

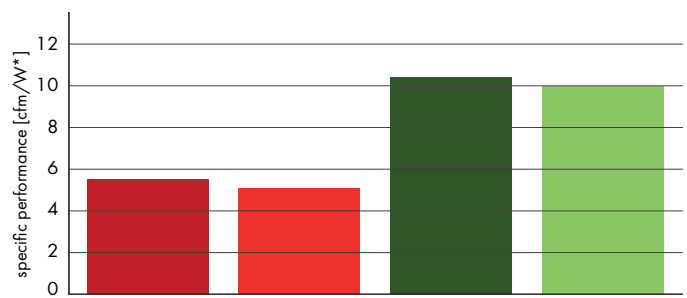
		EDC18 GHp	EDC24 GHp
Nominal power	hp	0.5	0.5
Propeller diameter	mm [inch]	450 [18]	600 [24]
Number of blades/material		6/M-Protect	6/M-Protect
Nominal propeller speed	rpm	1400	900
Weight of fully equipped fan	kg	14	20
Max power consumption/max current ¹	W/A	620/1.2	500/1
Motor insulation grade/protective class		F/IP55	F/IP55
Noise level ²	Db(a)	69.2	65.7

¹50 Hz 400 V specification, 60 Hz available upon request, ²Noise measure made according to ISO 3744

Airflow



Efficiency



	EDC18 GHp		EDC24 GHp	
	IE2	IE1	IE2	IE1

Airflow and efficiency tested in the test chamber in accordance with ANSI/AMCA 210/15 Standard, certified by BESS Lab. *1 cfm/W = 1.7 (m³/h)/W

Load capacity

	EDC18 GHp		EDC24 GHp	
	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