



GORILLA

ELTATRADE

Ventilation Specialists

**HVLS
RANGE**

IND

COM

HVLS

**INDUSTRIAL HIGH VOLUME LOW SPEED
(HVLS) FANS**

The Gorilla High Volume Low Speed (HVLS) fans are designed to move large amounts of air at low rotational speeds. This provides a consistent and energy-efficient airflow solution suitable for large spaces such as warehouses, gyms, factories or agricultural facility.



Economical
& Efficient



IP65



Low
Energy



8
Year
Warranty

FEATURES

- ☐ Coverage up to 32 meters in diameter
- ☐ Large air volume delivery
- ☐ Improved thermal comfort
- ☐ Automatic motor operation, meaning quiet performance
- ☐ Maintenance free but still long lasting and highly durable

LARGE DIAMETER BLADES & COVERAGE

Ideal for both industrial and commercial spaces, our fans range from 4.0 to 7.3 meters in diameter.

SAFETY-FIRST DESIGN

Multiple safety systems including reinforced blade connection, blade retention systems and anti-fall bracket.

ENERGY-SAVING PERFORMANCE

Reduces reliance on other HVAC systems by creating an even temperature distribution. This makes them a cost-effective solution for maintaining a cool environment during hot months.

APPLICATIONS

- ☐ Factory
- ☐ Gym
- ☐ Mosque
- ☐ Shopping Mall
- ☐ Car Showroom
- ☐ Outdoor Place
- ☐ Canteen
- ☐ Workshop
- ☐ Atrium

HIGH AIRFLOW EFFICIENCY

Blades and wingtips are meticulously engineered for maximum efficiency and made from high grade polymer composite materials.

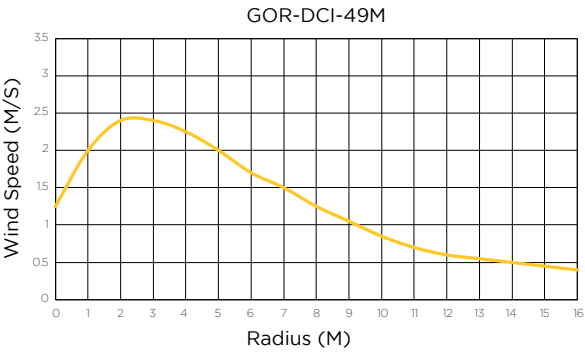
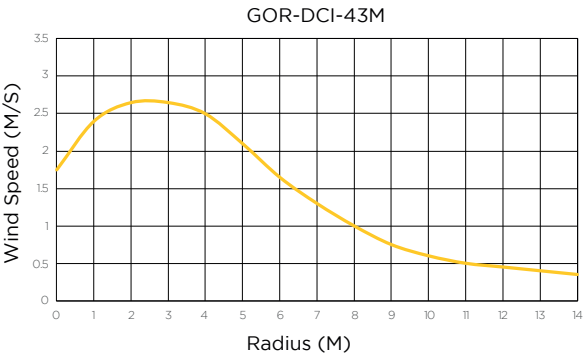
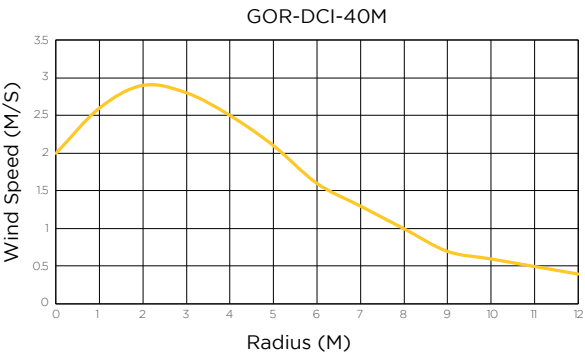
INDUSTRIAL GRADE CORE MOTOR DESIGN

Aluminium structure for motor core heat dissipation system, maintains low temperature rise and long service life.

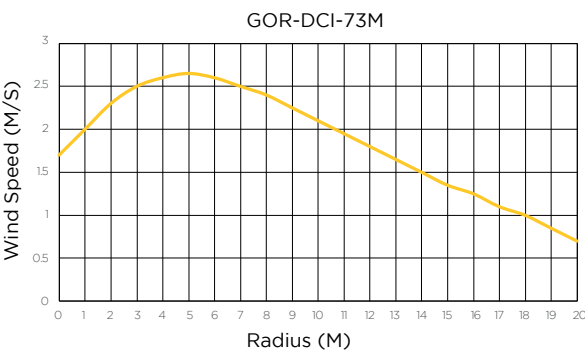
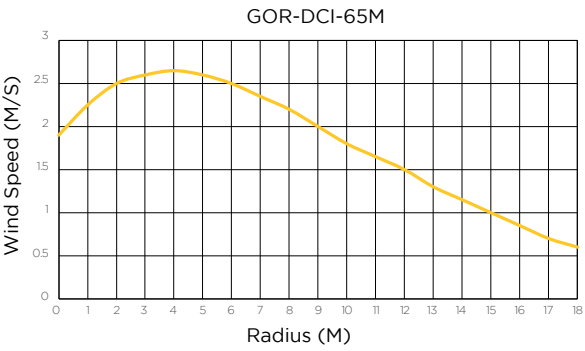
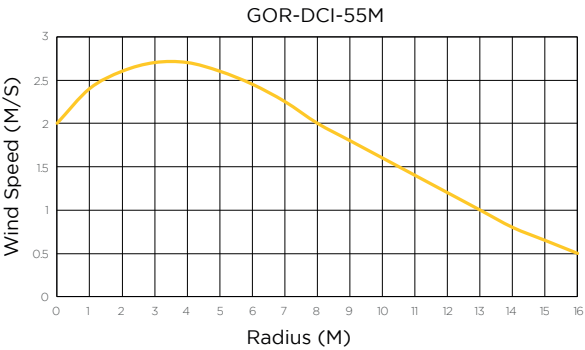
DIRECT DRIVE PERMANENT MAGNET SYNCHRONOUS MOTOR (PMSM)

High efficiency and maintenance-free compared to traditional geared motors. Offer a high torque-to-weight ratio, making them suitable for applications where space and weight are critical.

PERFORMANCE DATA



PERFORMANCE DATA



SPECIFICATIONS

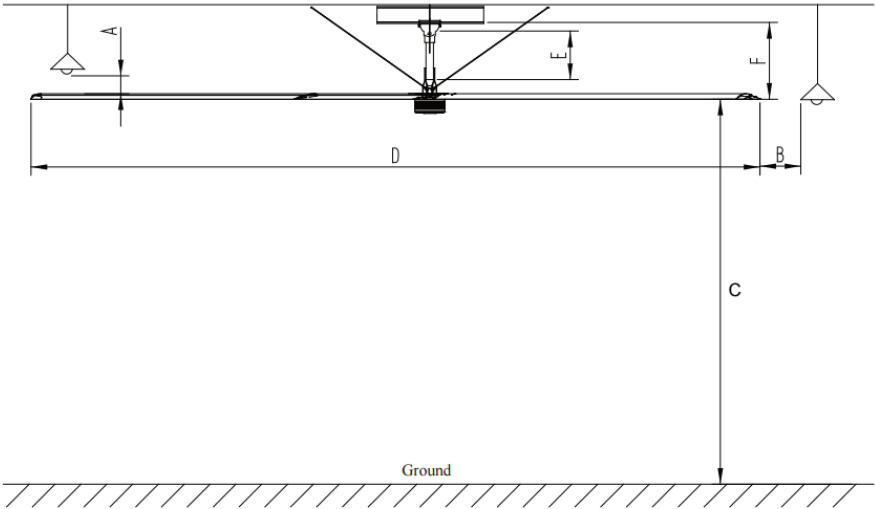
Model	GOR-DCI-40M	GOR-DCI-43M	GOR-DCI-49M	GOR-DCI-55M	GOR-DCI-65M	GOR-DCI-73M
Fan Diameter (m)	4.0	4.3	4.9	5.5	6.5	7.3
Input Voltage (V/Hz)	240/50	240/50	240/50	240/50	240/50	240/50
Current (A)	1.3	1.5	2.3	2.9	4.2	5.0
Power (kW)	0.42	0.48	0.75	0.85	1.1	1.25
Air Volume (m³/min)	7500	8500	10500	12000	14900	17800
Speed (RPM)	95	90	85	80	66	56
Coverage (m²)	450	610	700	800	1100	1375
Optimum Coverage (m²)	220	250	360	450	650	840
Noise (dBA)	39	39	39	39	39	39
Weight (kg)**	63.2	67.8	71.1	73.5	81.1	85.0

* Optimum coverage air speed >1.0m/s

** Weight of motor and blades

DIMENSIONS & CLEARANCE DATA

Model	A Min vertical obstacle distance	B Min horizontal obstacle distance	C Min fan installation height	D Fan diameter	E Standard downrod length	F Fan height with standard downrod
GOR-DCI-40M				4000		
GOR-DCI-43M			3500	4300		
GOR-DCI-49M				4900		
GOR-DCI-55M	400	400		5500	3000	3350
GOR-DCI-65M			4000	6500		
GOR-DCI-73M			4500	7300		

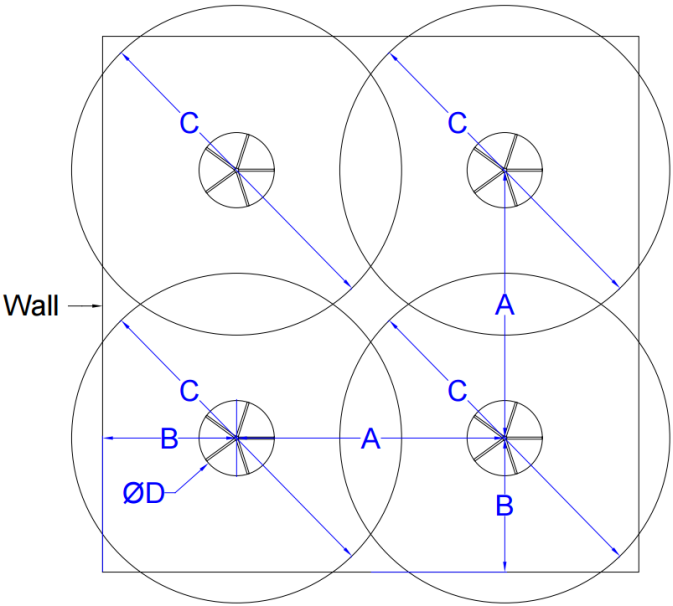


All dimensions in mm

INSTALLATION & COVERAGE

Model	A Suitable distance between fans	B Suitable distance between fan and wall	C Effective diameter	ØD Fan diameter
GOR-DCI-40M	9-17	4.5-7.5	16	4.0
GOR-DCI-43M	10-18	5-9	18	4.3
GOR-DCI-49M	12-21	8-10.5	21	4.9
GOR-DCI-55M	14-24	7-12	24	5.5
GOR-DCI-65M	18-28	9-14	28	6.5
GOR-DCI-73M	20-32	10-16	32	7.3

* All dimensions are in meters (m)



* As part of our continuous improvement process, Elta Fans Malaysia reserves the right to make changes to contents or specification in this installation manual without notice. Kindly contact our team for confirmation on data and dimensions for the interested product or model.



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For the full range of products please visit our website.

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