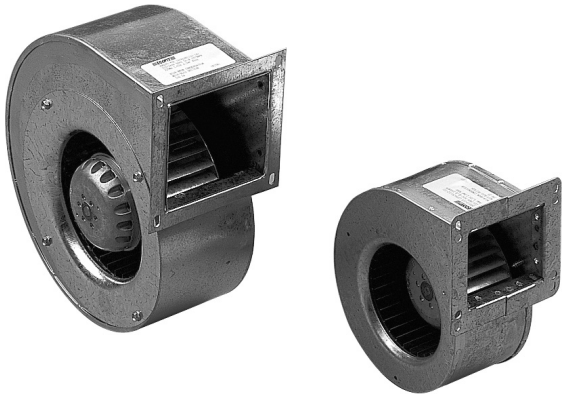
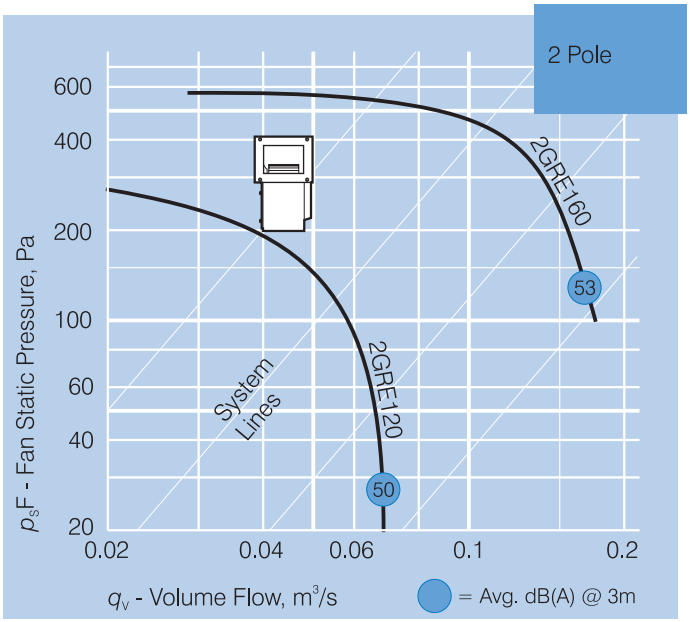




E

DESCRIPTION

The Sigma Series of forward-curved centrifugal fans is ideal for handling relatively low air flows at quite high pressures.

Typical Applications

Applications where medium air flows are required but system pressures are relatively high such as ovens and switch boards.

Features

- Quality single-width, single-inlet housings.
- Can be easily speed-controlled.
- High strength galvanised steel housing.
- Can be mounted at any angle.

Construction

Housings are of pressed, galvanised steel

Impellers are galvanised, forward-curved design

Motors

Type - external rotor, squirrel cage induction motor.

Electricity supply - 230V, single-phase, 50/60Hz.

Bearings - sealed-for-life, ball.

Speed-controllable.

Motor protection IP44.

See pages O-2/3 for details on these motors.

Internal Thermal Protection

Auto-reset type fitted as standard

Testing

Air flow test to NFX 10-200

Wiring Diagram

See page N-8, diagram ER4

SUGGESTED SPECIFICATION

The single-width, forward-curved centrifugal fans shall be of the Sigma Series as supplied by Fantech Pty Ltd.

The impellers shall be of forward-curved design, constructed from galvanised steel and driven by a speed-controllable, single-phase, external rotor motor with integral thermal protection. The housings are of pressed, galvanised steel.

All models shall be fully tested to NFX 10-200 for air flow.

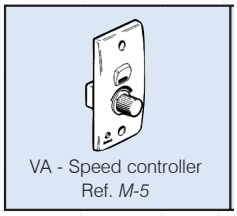
HOW TO ORDER

Select the model that will deliver at least the amount of air required

TECHNICAL DATA

Model Number	Fan Speed rev/sec	Avg. dB(A) @ 3m	Single-phase Watts	Single-phase Amps	Max. Amb. °C
2GRE120	37	50	73	0.32	70
2GRE160	35	49	253	1.06	50

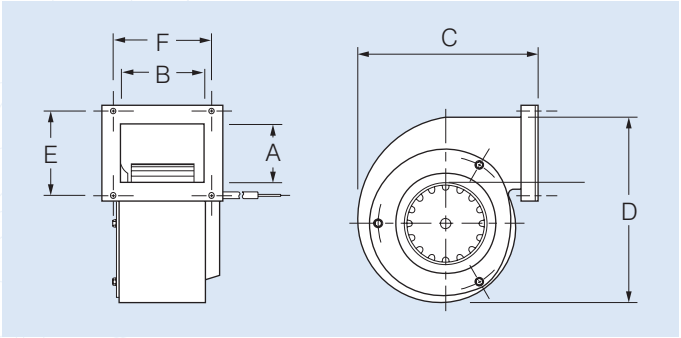
ANCILLARY EQUIPMENT



VA - Speed controller
Ref. *M-5*

Scan the QR Code to view more information online.

DIMENSIONS



Model Number	Dimensions, mm A	B	C	D	E	F	App. wt. kg
2GRE120	68	78	172	180	89	100	2.1
2GRE160	95	95	241	267	110	115	3.7

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Intelligent Ventilation