

## 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.

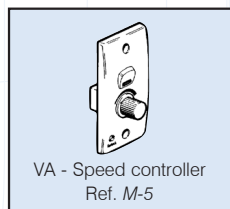
## HOW TO ORDER

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

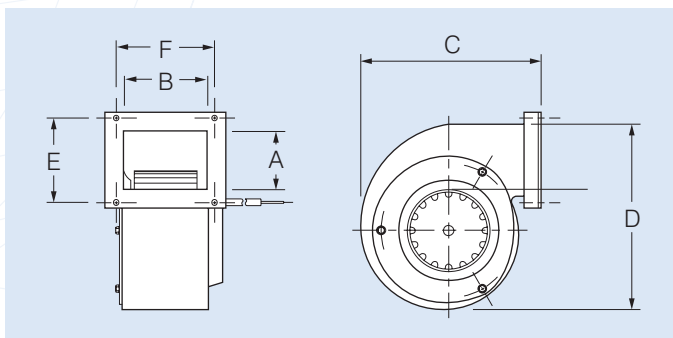
## TECHNICAL DATA

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

## ANCILLARY EQUIPMENT



## DIMENSIONS



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