

# RING PLATE & VOGUE SERIES

## Ring Plate Axial Fan



## Vogue Axial Fan



### FEATURES

The Ring Plate Axial Fan, suitable for wall or ceiling mounting, is a high quality, cost effective fan suitable for a broad range of commercial and industrial applications.

The Vogue Axial Fan range provides an option for the more design conscious applications in residential and commercial environments.

### Construction

Ring Plate and Vogue fans have a galvanised steel fan impeller and ring. The fan impeller is black in colour, while other components have an Oyster Grey powder-coated finish.

Wiring access is from the rear: Vogue fans have a junction box.

### Motors

Type - external rotor, squirrel cage induction motor.

Electricity supply - 220-240V, single-phase, 50/60Hz.

Bearings - sealed-for-life, ball.

Speed-controllable.

Motor protection IP44.

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

If flameproof motors are required, refer to page F-3 for full selection information.

### Internal Thermal Protection

Auto-reset type fitted as standard on all sizes.

### Testing

Air flow tests to BS848:Part 1, 1980.

Noise tests to BS848:Part 2, 1985.

### Special Features

Reverse air flow can be provided; add the suffix 'R' to fan code and derate performance by approximately 20%.


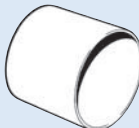



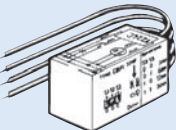
Can be mounted at any angle.

Suitable for exhaust or supply through ductwork.

### Wiring Diagram

See page M-8, diagram ER4.

### ANCILLARY EQUIPMENT

 FC - Fast clamp Ref. J-5	 WT - Wall tube Ref. J-11	 Shutters & Louvres Ref. K-1
 SSC - 2-Speed Switch Ref. L-5	 VA - Speed controller Ref. L-6	 VZ - Run-on timer Ref. L-10

### SUGGESTED SPECIFICATION

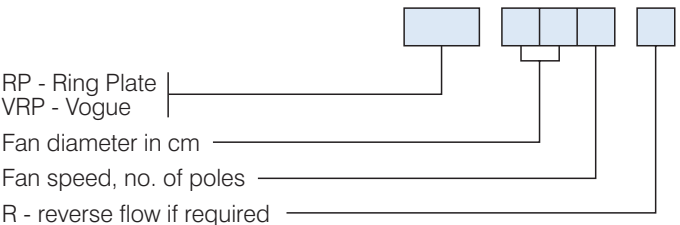
The fans shall be of the Ring Plate/Vogue Series designed and manufactured by Fantech Pty. Ltd.

The axial impellers shall be direct-driven by speed-controllable external rotor motors with integral thermal protection.

The fan rings and impellers shall be manufactured from galvanised steel with a powder coat finish.

All models shall be fully tested to BS848:Part 1, 1980 for air flow and BS848:Part 2, 1985 for noise.

### HOW TO ORDER



## TECHNICAL DATA

Model Number RP./VRP.	Free Air m <sup>3</sup> /s	Fan Speed rev/sec	Avg. dB(A) @ 3m	RP/VRP. 1 ph. Watts	Max. Amps*	Max. °C
202	0.22	43	52	70	0.36	50
204	0.14	24	39	30	0.14	60
252	0.46	42	51	110	0.63	50
254	0.29	23	40	60	0.28	60
302	0.75	41	62	180	0.79	50
304	0.52	22	47	90	0.41	50
306	0.35	16	37	50	0.23	50
354	0.75	20	49	140	0.68	50
356	0.57	16	40	110	0.48	50

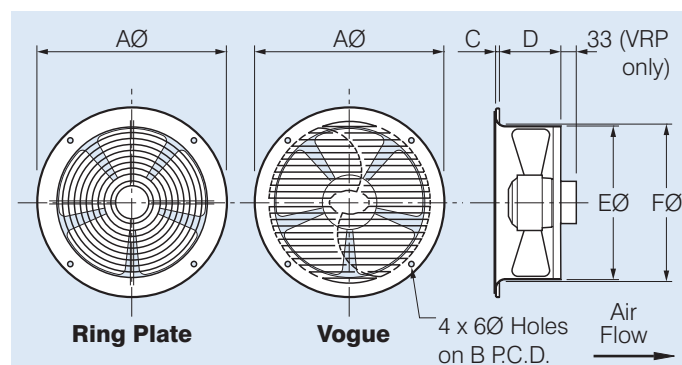
\* Amperages shown are a guide only. Refer to our Sales Department for accurate figures at time of order.

## NOISE DATA

Model Number RP./VRP.	In-duct Sound Power Levels* L <sub>w</sub> dB re 1pW						
	63	125	250	500	1k	2k	4k
202	78	69	68	66	69	65	60
204	60	70	54	56	54	49	40
252	62	71	67	67	67	65	60
254	63	64	57	57	57	54	47
302	63	66	74	75	80	75	71
304	60	64	64	61	64	62	55
306	53	57	55	53	54	52	44
354	62	67	70	64	65	64	59
356	54	60	61	56	56	54	49

\* Sound Power Levels shown are the highest for each fan model.

## DIMENSIONS



Model Number RP./VRP.	Dimensions, mm						App. Wt. kg
	AØ	B	C	D	EØ	FØ	
202	280	250	5	95	208	215	2.8
204	320	295	7	103	259	266	3.7
252	395	375	7	113	310	318	4.7
254	460	422	7	123	360	375	5.1

