



FEATURES

The HCM Series can be wall or window mounted and is suitable for applications ranging from domestic kitchens, bathrooms, commercial offices and all types of small or confined areas.

Construction

All units are of compact low profile design and have weather and impact resistant plastic housings with integral air operated shutters. Impellers are sickle shaped for high performance.

Motors

Type - shaded-pole induction motor.
Electricity supply - 220-240V, single-phase, 50Hz
Bearings - sleeve
Maximum ambient temperature - 40°C
See pages N-3/4 for details of these motors

Internal Thermal Protection

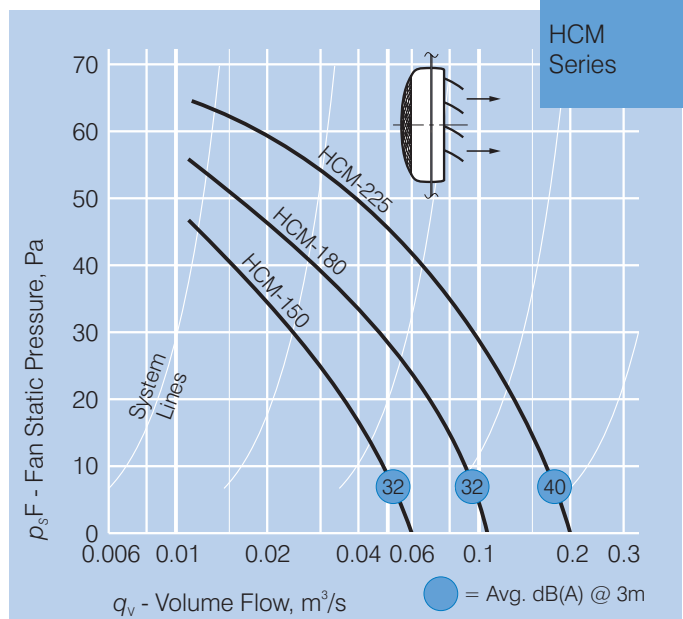
Fuse type

Special Features

Remote switch required.
Mount on vertical surfaces only.

Wiring Diagram

See page M-8, diagram ER4.




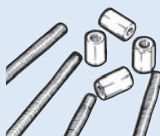
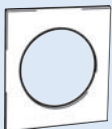
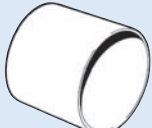
TECHNICAL DATA

Model Number	Fan Speed rev/sec	Free Air m ³ /sec	Avg. dB(A) @ 3m	HCM.. 1 ph. Watts	Amps
HCM-150N	32	0.06	33	25	0.16
HCM-180N	33	0.11	33	25	0.18
HCM-225N	28	0.18	40	40	0.30

NOISE DATA

Model Number	Sound Power Levels							
	L _w dB re 1pW							
	63	125	250	500	1k	2k	4k	8k
HCM-150N	53	54	54	51	47	45	40	33
HCM-180N	54	58	52	49	49	46	41	33
HCM-225N	70	65	61	56	55	54	49	42

ANCILLARY EQUIPMENT

 Weather Cap Ref. A-7	 WALLRODSPK - Wall rods Ref. J-10	 WP - Wall plate Ref. J-11
 WT - Wall tube Ref. J-11		

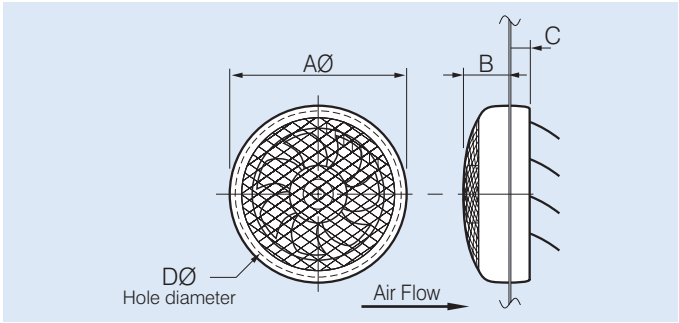
SUGGESTED SPECIFICATION

The wall/window fans shall be of the HCM Series as supplied by Fantech Pty Ltd and be of the model numbers shown.

HOW TO ORDER

Select the model that exhausts the closest to your requirements. If the performance required falls between two fans, it is recommended you select the one handling the most air.

DIMENSIONS



Model Number	Dimensions, mm			DØ, Hole cut-out
	AØ	B	C	
HCM-150.	214	60	35	183 - 188
HCM-180.	255	86	35	213 - 225
HCM-225.	298	89	35	252 - 267

WEATHER CAP



FEATURES

Optional external weather cap to suit HCM fans for Skylight installation or for exposed wall mounted locations to provide additional protection against high wind and rain.

- Features include:
- low profile design
 - available as a separate component
 - colour matched to suit fan (white)
 - bird mesh fitted as standard

HCM-150CAP - suits HCM-150N fan
HCM-180CAP - suits HCM-180N fan

HOW TO ORDER

