

# Rseries

## Roof Mounted Fans

H' SQUARE

F'

F'

6 THICK

TER

C' NO H  
FF CEN



# R Series Specification

## Low pressure fume extraction:

The Roof Mounted Extractor Fan is particularly suited to low pressure fume extraction systems generally associated with fume cupboards and fume hoods. This range of equipment is specifically designed for corrosion resistant applications and all parts in contact with the fumes are constructed from thermo plastic materials.

## Outside mounting

The units are totally waterproof and constructed to prevent ingress of water from driving rain or snow. The motors, generally standard totally enclosed fan cooled units, are housed in PVC hood which is specially designed to ensure that the motor will not overheat even in the most extreme conditions. Due to its ease of installation, it is fixed directly to a prepared upstand at roof level, costly and unsightly ducting generally associated with conventional centrifugal fans is no longer required.

## Fan Casing

Fabricated from rigid PVC sheet

## Impeller

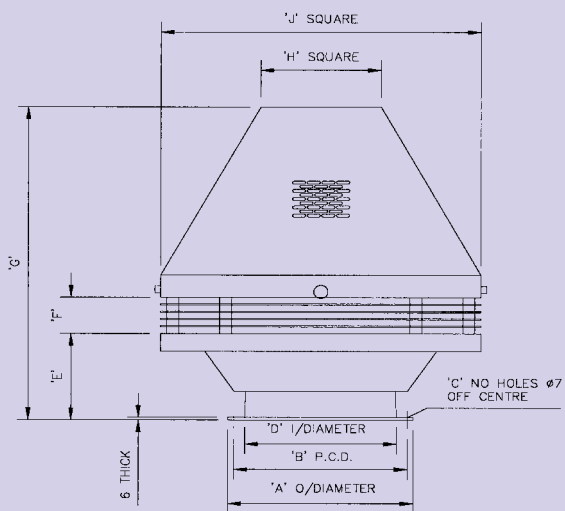
Forward multivane injection moulded polypropylene, this can be reversed for greater performance variation.

## Motors

Brook Crompton or equal, all in compliance with B.S. 5000 and B.S. 4999 with standard motors IP55 which can be upgraded to suit customer requirements.

## General Specification

The units are available in five sizes, 160mm, 200mm, 250mm, 315mm, and 400mm, and incorporated PVC case and polypropylene impeller. The impeller is of the forward curve multivane type, although this can be reversed for greater performance variation, manufactured by the injection moulding process incorporating a steel boss for motor location. The fan case is constructed throughout from PVC material and is arranged so as to incorporate a horizontal tangential discharge which is protected by a corrosion resistant grille. A specially designed inlet cone ensures an almost vortex free air inlet with resultant low noise levels.



Type	A	B	C	D	E	F	G	H	I
160	230	205	8	160	110	48	425	150	345
200	270	245	8	200	150	65	575	150	425
250	320	295	8	250	175	65	620	200	525
315	385	360	12	315	195	82	660	250	665
400	470	445	12	400	205	99	780	300	805

All dimensions are in millimetres

APMG Limited operate a programme of continuous development and we reserve the right to change design, construction and dimensions without prior notice