

ACM 150

- Designed and manufactured in UK
- Three speed motor
- Timer versions available
- Removable motor core assembly
- Rotating motor chassis assembly
- IP44 rated
- Aesthetically pleasing with wipe clean polymer casing
- Sound data from independent testing
- Running speed selected on installation



Ducted Ventilation

Vent Axia has designed a complete range of energy efficient Mixed Flow In-Line fans that are now quieter, offer two and half times the pressure of conventional axial fans and are dimensionally more compact making them ideal for many ducted applications.

The ACM Mixed Flow In-Line fan can operate in both horizontal and vertical positions.

Motor

All motors have three speeds selectable on installation and are fitted with Standard Thermal Overload Protection (S.T.O.P.). Designed for ambient temperatures up to +50°C. All sizes with capacitor run motors. All sizes are Class II appliances. Supply voltage 220-240V/1/50Hz.

Installation

These units have a separate footplate for simple location mounting and detachable spigots for simple connection to ducting. The motor body chassis rotates to provide connection in acute spaces. Cleaning the product has also become simple as all parts can be removed without removing the ducting.

Controller

For optimum variable speed performance use a Vent-Axia 1.5 Amp electronic controller. Surface mounted providing variable speed control with an On/Off/sensor slider with indication light. There is an adjustable minimum speed setting. The controller has electrical connections for use with suitable external sensors. Cannot be used with timer models.

1.5 Amp Controller (Suitable for 100mm - 200mm models). Dimensions: 86 x 156 x 53mm (H x W x D).

Stock Ref
W300310

For flush fitting, a metal wall box accessory is available.

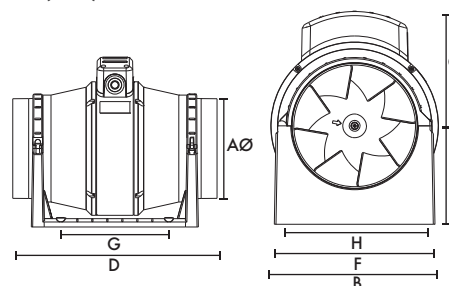
Stock Ref
400144

Hole for wall box: 80 x 150 x 150mm (H x W x D).

Models

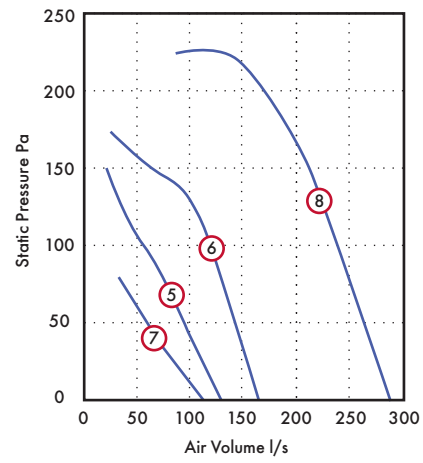
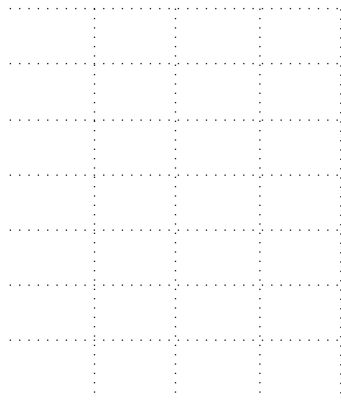
Model	Stock Ref
ACM150	17106010
ACM150T	17106020

Dimensions (mm)



Size	150
AØ	147
B	200
C	138
D	350
E	118
F	192
G (fixing hole)	162
H (fixing hole)	178

Performance Guide



Dia.	Motor Phase	Speed	r.p.m	IP Rating	Curve Ref.	0	50	100	150	200	Motor kW	F.L.C Amps	dBA @ 3m
150	1	Low	1645	IP44	5	130	90	60			0.04	0.17	29
150	1	High	2350	IP44	6	160	140	120	60		0.05	0.21	36

*Medium speed is not shown.

Sound Data

Dia.	Spectrum	63	125	250	500	1k	2k	4k	8k	dBA @ 3m
150	Breakout High	26	28	41	45	48	54	41	29	36
150	Breakout Low	21	29	45	49	43	44	32	22	29
150	Inlet High	40	49	59	63	59	63	55	47	46
150	Inlet Low	38	46	52	57	52	54	46	37	38
150	Outlet High	36	48	54	60	58	61	54	46	44
150	Outlet Low	33	45	49	54	54	52	45	36	37