

# ACM 200

- 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.

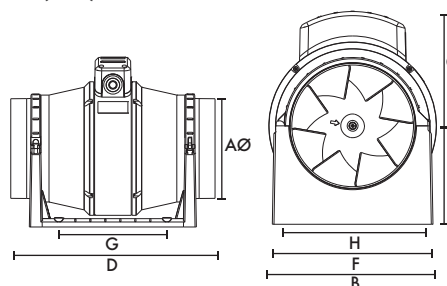
Stock Ref  
**400144**

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

## Models

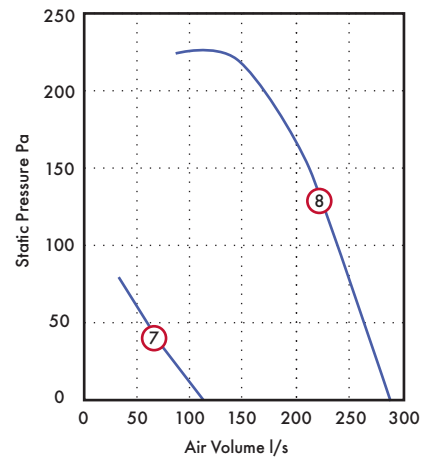
Model	Stock Ref
ACM200	17108010
ACM200T	17108020

## Dimensions (mm)



Size	200
AØ	199.5
B	223
C	146
D	300
E	130
F	195
G (fixing hole)	100
H (fixing hole)	180

## Performance Guide



Dia.	Motor Phase	Speed	r.p.m	IP Rating	Curve Ref.	l/s @ Pa					Motor kW	F.L.C Amps	dBA @ 3m
						0	50	100	150	200			
200	1	Low	1845	IP44	7	110	60				0.08	0.48	26
200	1	High	2350	IP44	8	290	260	240	210	170	0.11	0.55	41

\* Medium speed is not shown.

## Sound Data

Dia.	Spectrum	63	125	250	500	1k	2k	4k	8k	dBA @ 3m
200	Breakout High	38	53	47	47	56	60	44	33	41
200	Breakout Low	26	46	40	34	30	26	18	21	26
200	Inlet High	46	52	54	60	61	63	60	49	47
200	Inlet Low	38	37	40	41	39	35	24	23	22
200	Outlet High	63	68	69	73	70	69	62	54	54
200	Outlet Low	53	54	52	52	48	47	39	28	33