

ACM 250-315

- Available in two sizes
- Supplied complete for simple installation
- Optimise fan performance by using an approved Vent-Axia controller
- Diagonal impeller with stator
- Galvanized metal housing
- Integrated thermal switch
- Includes a mounting bracket
- Designed to meet IP54



Ducted Ventilation

Vent-Axia has designed a complete range of energy efficient Mixed Flow In-Line fans for use with rigid and flexible ducting.

In-line Mixed Flow fans 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 and can be mounted to meet its optimum performance.

Motor

All motors 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. ACM 250 and 315 are Class I appliances. Supply voltage 220-240V/1/50Hz.

Models

| Model | Stock Ref |
|--------|-----------|
| ACM250 | 17110010 |
| ACM315 | 17112010 |

ACM315 Controller

Used in conjunction with speed controllable fans to provide 5 stepped speed without electronic motor 'hum'. Several fans can be connected to one transformer provided their combined load does not exceed the controller rating.

Single phase: 3.0 amp. Rotary switch giving On/Off and five speeds.

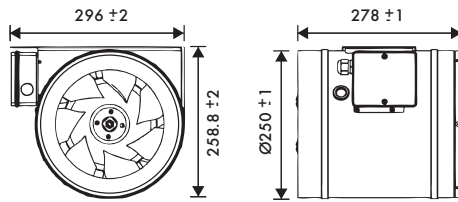
Output voltages at 240V/1PH/50Hz 0, 90, 115, 140, 175, 240 volts.

Neon indicator. Enclosures are protected to IP54.

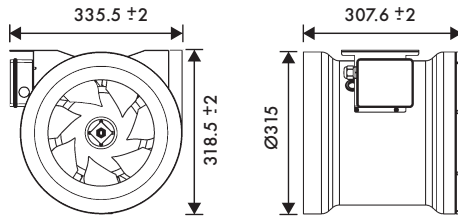
Dimensions: 135 x 170 x 117mm (H x W x D).

| Model | Stock Ref |
|---------------------------|-----------|
| 3A Transformer Controller | 10314103 |

Dimensions (mm)

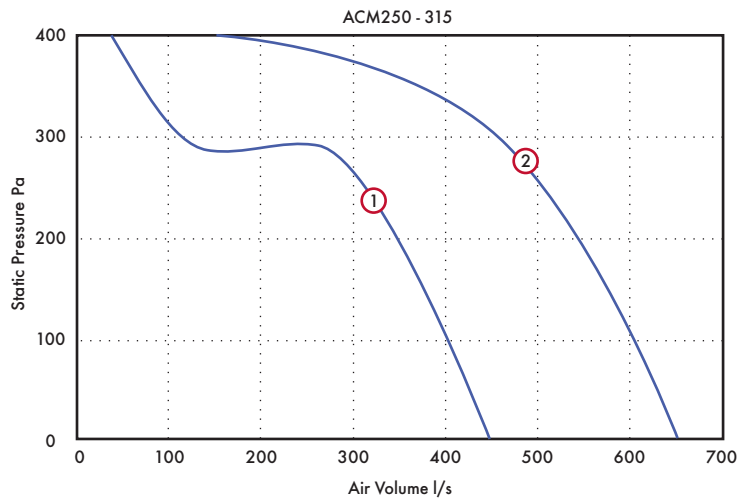


ACM250



ACM315

Performance Guide



| Dia. | Stock Ref. | Poles | r.p.m | IP Rating | Curve Ref. | l/s @ Pa | | | | | S.C. Amps | F.L.C Amps | dB(A) @ 3m |
|------|------------|-------|-------|-----------|------------|----------|-----|-----|-----|-----|-----------|------------|------------|
| | | | | | | 0 | 100 | 200 | 300 | 400 | | | |
| 250 | 17110010 | 2 | 2720 | IP54 | 1 | 450 | 410 | 350 | 120 | 40 | 0.8 | 1 | 53 |
| 315 | 17112010 | 2 | 2840 | IP54 | 2 | 650 | 610 | 540 | 460 | 150 | 1.2 | 1.6 | 56 |

Sound Data

| Dia. | Spectrum | dB(A) @ 3m | | | | | | | |
|------|----------|------------|-----|-----|----|----|----|----|----|
| | | 125 | 250 | 500 | 1k | 2k | 4k | 8k | |
| 250 | Inlet | 34 | 54 | 61 | 65 | 67 | 66 | 55 | 72 |
| 250 | Outlet | 39 | 64 | 68 | 71 | 70 | 66 | 55 | 78 |
| 250 | Breakout | 34 | 41 | 43 | 46 | 46 | 42 | 37 | 54 |
| 315 | Inlet | 45 | 60 | 66 | 68 | 69 | 67 | 56 | 75 |
| 315 | Outlet | 47 | 69 | 73 | 74 | 72 | 66 | 57 | 79 |
| 315 | Breakout | 38 | 41 | 46 | 50 | 49 | 46 | 41 | 58 |