

"MAX" - heavy duty wall fans



- *Wall axial fans for small, medium and large rooms*
- *Built-in*
- *6 models*
- *Automatic*
- *Reversible*
- *5-speed or variable speed controller*
- *Galvanised steel wall liner*
- *Heavy duty inside and outside grilles*
- *Exceeds Building Regulations requirements (including new Document F)*

GENERAL

- wall axial fans to exhaust directly outside.
- galvanised telescopic wall liner to allow installation in walls from 190 to 380mm thick.
- heavy duty inside and outside wall grilles
- flush fitting kit for controllers included.
- easy to install and maintain.

MAX150, 230 AND 300

- for domestic/commercial use
- high performance rates
- automatic, slow moving, delay action shutters (for silent opening and closing).
- MAX230 and 300 Reversible.
- 5 speed controller with neon indicator and on/off switch (not MAX150)
- fan shutters may safely be left open for trickle ventilation.
- easy to wire plug and socket connection (MAX230 and MAX300).

MAX350B, 400B AND 450B

- for commercial/industrial use
- with variable speed controller
- frame in epoxy painted, corrosion resistant steel plate
- safety grille in steel rod
- blade in reinforced polypropylene
- blade hub in die-cast aluminium

RANGE

- **MAX150AB**
6"/15cm, built-in, automatic
- **MAX230ARB**
9"/23cm built-in, automatic, reversible with 5 speed controller
- **MAX300ARB**
12"/30cm built-in, automatic, reversible with 5 speed controller
- **MAX350B**
14"/35cm built-in with variable speed controller
- **MAX400B**
16"/40cm built-in with variable speed controller
- **MAX450B**
18"/45cm built-in with variable speed controller

SPECIFICATION

MAX 150, 230 AND 300

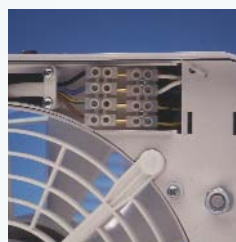
- casings formed from shock-proof, high quality, impact resistant, technopolymer, with high mechanical strength
- colors of shaded pole type mounted on self lubricating, sealed for life bearings for long life and quiet running
- protected with thermal cut-out
- double insulated
- maximum ambient temperature 40°C

MAX 350B, 400B AND 450B

- class F motor insulation
- thermal overload protection
- IP55 protection
- maximum ambient temperature 60°C

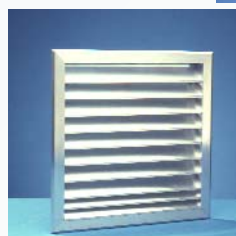
COMPLY WITH

- CEI61/28 - IEC342-1
- EC Low Voltage Directive 73/23-93/68
- EC Directive EMC89/336
- CE marked
- Key marked (Max 150, 230 and 300)



Plug and socket for easy wiring pm MAX230 and 300

MAX230 showing steel wall liner



Heavy duty metal grille

TYPICAL SPECIFICATION

Supply and install a high performance MAX350B heavy duty wall fan as supplied by Vectaire Ltd, Lincoln Road, Cressex Business Park, High Wycombe, Bucks, HP12 3RH.

This fan is to be suitable for installation in commercial premises into a wall up to 380mm thick using the galvanised telescopic wall liner included. It should have heavy duty inside and outside walls grilles.

It is to be operated by a remote variable speed controller, which can be flush fitted with the box included.

The fan frame should be in epoxy painted, corrosion resistant steel plate, the safety grille in steel rod, the blade in reinforced polypropylene and the blade hub in die-cast aluminium. The fan motor should have Class F insulation, it should be protected against thermal overload, have IP55 protection and be capable of operating in maximum ambient temperature 60°C. and a galvanised steel telescopic wall liner.

Fan to comply with all current IEE, EC and Building Regulations requirements.



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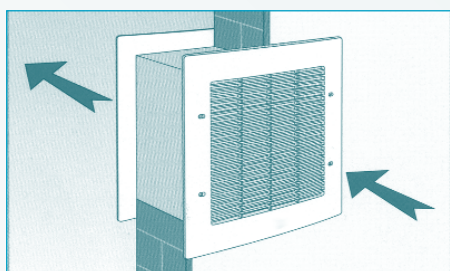
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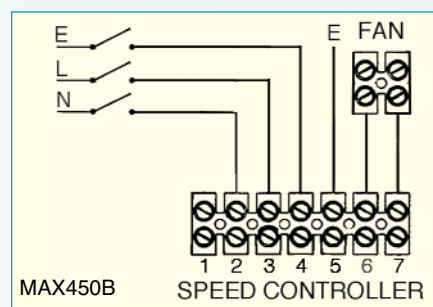
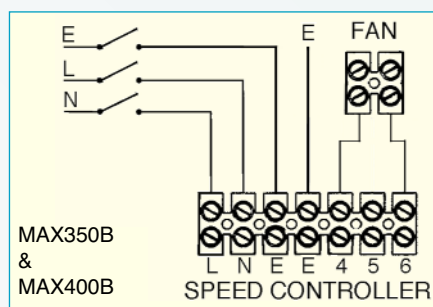
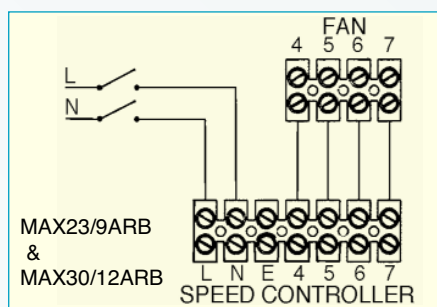
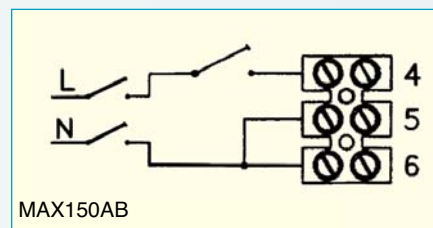


TECHNICAL CHARACTERISTICS

INSTALLATION



WIRING DIAGRAMS



DIMENSIONS

| Model | Telescopic Wall Liner - min 230mm - max 390 mm | | | |
|-----------|--|-------|-------|-------|
| | A(mm) | B(mm) | C(mm) | D(mm) |
| MAX150AB | 265 | 265 | 230 | 160 |
| MAX230ARB | 358 | 358 | 230 | 160 |
| MAX300ARB | 435 | 435 | 230 | 160 |
| MAX350B | 506 | 506 | 230 | 160 |
| MAX400B | 556 | 556 | 230 | 160 |
| MAX450B | 606 | 606 | 230 | 160 |

TECHNICAL DATA

| Model | max m ³ /hr | max c.f.m | max litres/sec | Volts | Hz | Watts | Current Amps | Max dbA | Hole dia mm |
|-----------|------------------------|-----------|----------------|-------|----|-------|--------------|---------|-------------|
| MAX150AB | 230 | 135 | 64 | 230 | 50 | 20 | .15 | 40 | 275 x 275 |
| MAX230ARB | 800 | 470 | 222 | 230 | 50 | 42 | .20 | 49 | 370 x 370 |
| MAX300ARB | 1,500 | 885 | 417 | 230 | 50 | 102 | .50 | 56 | 447 x 447 |
| MAX350B | 3,520 | 2070 | 978 | 230 | 50 | 160 | 1.0 | 49 | 518 x 518 |
| MAX400B | 4,800 | 2825 | 1,333 | 230 | 50 | 180 | 1.1 | 51 | 568 x 568 |
| MAX450B | 6,600 | 3885 | 1,833 | 230 | 50 | 250 | 1.5 | 54 | 618 x 618 |

ACCESSORIES



FULL RANGE OF ACCESSORIES AVAILABLE INCLUDING FLEXIBLE AND FLAT DUCTING

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