

# “MF” Range

## HIGH PRESSURE DUCT FANS

For Toilets, Shower Rooms, Bathrooms, Utility Rooms and Kitchens

- 18 Models
- SUPER SILENT - Two Speed Fans
- Splashproof (IPX4) Models
- SELV (Safety Extra Low Voltage) Models
- For Walls or Ceilings
- 5 Versions - Standard
  - Timer
  - Cord
  - Two Speed
  - Humidity Control



Uniclass L7534



## GENERAL FEATURES

- High pressure duct fans - excellent pressure characteristics
- **Super Silent** two speed models
- **SELV (Safety Extra Low Voltage)** Models IP57 rated for complete safety near water
- **IPX4 - Splashproof** rated - can safely be installed in Zones I and II
- Easy to install in walls or ceilings.
- Choice of 2 spigot sizes:  
MF100s - 4"/100mm  
MF250s - 4"/100mm **OR** 5"/120mm
- Timer adjustable between 3 and 15 minutes
- Dynamic humidistat incorporates night-time set back, anti-hunting device and neon indicator to show manual operation
- Backward curved centrifugal impeller to ensure **near silence on low speed operation**
- Integral spring-loaded backdraught shutter
- Anti-vibration gasket
- Casings from high quality, impact resistant, white thermo-plastic material with high mechanical strength.
- Motors of shaded pole type mounted on sealed, self-lubricating bearings for long life
- Motor windings insulated to Class B
- Protected with thermal cut-out
- Double Insulated
- Can be installed in ambient temperatures of up to 40°C
- They comply with current EC Low Voltage Directive EMC89/336, with BSEN60529 and are CE marked
- **SELV** models are complete with remote 12 volt transformer

### MF100s

- MF100 - basic model
- MF100T - timer
- MF1002C - 2 speed, cord
- MF1002R - 2 speed, remote
- MF100TD - delayed timer
- MF100H2R - humidistat, 2 speed, remote
- MF100H2C - humidistat, 2 speed, cord
- MF100HCT - humidistat, cord and timer

### MF250s

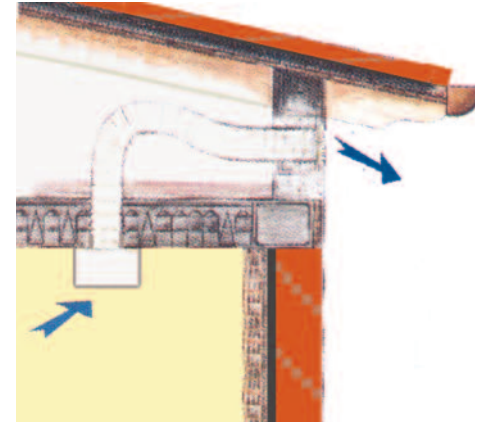
- MF250 - basic model
- MF250C - cord
- MF2502C - 2 speed, cord
- MF250T - timer
- MF250H2C - humidistat, 2 speed, cord
- MF250HCT - humidistat, cord and timer

### SELV Range

- MF100CLV - cord **OR** remote
- MF100TLV - timer
- MF100HCTLV - humidistat, cord and timer
- MF1002CLV - 2 speed, cord - **INAUDIBLE ON LOW SPEED**

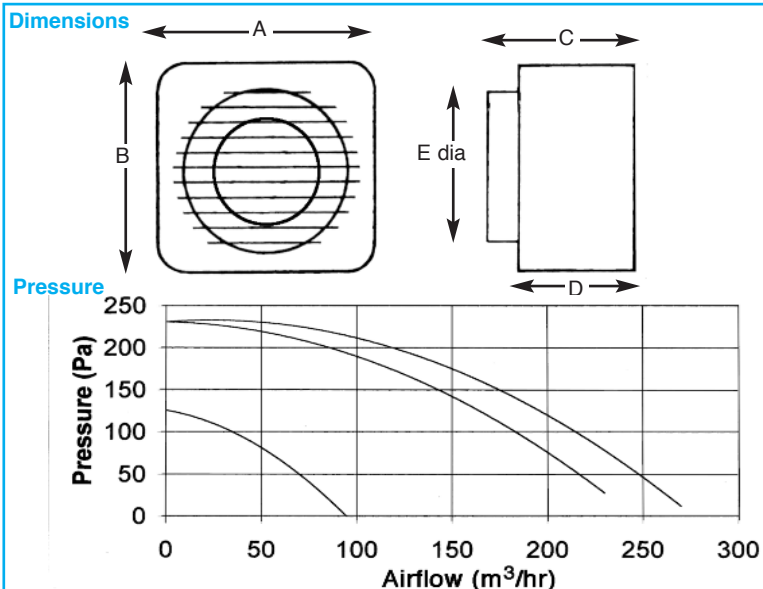
Vectaire Ltd can supply a range of accessories for use with the "MF" range of fans. These include grilles for the outside wall (gravity grille not suitable for two speed models), and both flexible and flat ducting to allow easy installation of the fans in a variety of situations.

THE "C" RANGE OF FANS WILL SOLVE YOUR VENTILATION PROBLEMS WHILST ENSURING THAT YOU COMPLY WITH THE CURRENT BUILDING REGULATIONS REQUIREMENTS.



## TECHNICAL CHARACTERISTICS

Model	max m <sup>3</sup> /hr	min m <sup>3</sup> /hr	max litres/sec	min litres/sec	Max mmH <sub>2</sub> O	Max Pa	Volts	Hz	Watts	max dbA	min dbA	Hole dia mm	IPX4	A	B	C	D	ØE	Weight kg
MF100s	95	35	26	10	13	125	230	50	27	40	20	100	yes	160	160	105	80	97	0.8
MF100LVs	95	35	26	10	13	125	12	50	27	40	20	100	IP57	160	160	105	80	97	0.8
MF250s(4)	230	82	64	23	23	225	230	50	50	52	22	100	yes	210	210	150	122	100	1.8
MF250s(5)	270	98	75	27	23	225	230	50	50	52	22	120	yes	210	210	150	122	120	1.8



### Typical Specification

Supply and install a Vectaire MF1002CLV high pressure duct fan for for toilets, bathrooms and shower-rooms supplied by Vectaire Ltd, Lincoln Road, Cressex Business Park, High Wycombe, HP12 3RH.

This fan must be SELV (IP57 rated), have two speeds, be continuous running on low speed, and be capable of being boosted to its maximum speed by means of a pull-cord. The sound level on low speed is to be so low as to be inaudible.

This fan is to be suitable for installation either in a ceiling or a wall using 4"/10cm ducting. The fan should be complete with an anti-vibration gasket.

The fan should be made of shockproof and heat resistant plastic, contain a motor mounted on sealed, self lubricating ball bearings and be protected with a thermal cut-out.

Fan to comply with all current IEE, EC and Building Regulations requirements for installation into a toilet, bathroom or shower-room.

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