



MFCF100

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The unit will:

- be supplied by Vectaire Ltd
- be a high performance, constant flow fan with a choice of six trickle speeds and additional boost speed
- have an sfp down to 0.17 W/l/s
- be suitable for installation into wall or ceiling or window with optional window kit
- have an air intake around the whole perimeter have a footprint no larger than 180 mm square
- the casing should be constructed from shock-proof, high quality technopolymer.
- will have been designed using wind tunnel technology and CFD simulations
- will have a profile which increases the fluid dynamics
- will run continuously at pre-selected choice of six speeds (fixed at installation):
- **sensor recognises changes in system pressure and ensures airflow is maintained at pre-set rate**
- Speed 1 operates at 5 l/s
- Speed 2 operates at 8 l/s
- Speed 3 operates at 11 l/s
- Speed 4 operates at 13 l/s
- Speed 5 operates at 16 l/s
- Speed 6 operates at 20 l/s
- speed boosted to maximum (27.8 l/s) using integral pullcord or by:
 - remote switch/light switch
 - PIR sensor
 - DRH240 (dynamic remote humidistat)
- have an anti-vibration gasket
- low noise levels and optimum performance
- have EC induction motor with thermal protection
- 43,000 hour life motors with maintenance free and long life ball bearings
- thermal overload protection
- operates in temperature up to 40°C
- be IPX4 (splashproof) rated for safe installation in Zones I and II (and have SELV models available)
- with data logger for number of hours run and number of power outages
- can be installed at fixed speed
- energy saving ventilation
- **extremely low running costs**
- low carbon footprint
- 7 year warranty

- The unit will:
 - be CE marked
 - comply with:
 - Building Regulations for enhanced energy saving capability
 - Building Regulations for reliable, efficient ventilation
 - EU RoHS Directive Compliant
 - IEC60335-2-80, LVD2006/95/CE and
 - EMC2014/30/UE (European Directive against radio interference and electro-magnetic compatibility)
 - be SAP PCDB Listed
- Please contact your Vectaire representative via Head Office on 01494 522333 for any assistance.
- An electronic copy of this specification is available on request