

The Importance of Ventilation for Commercial Buildings & Premises

Evidence from the European Centre for Disease Prevention and Control (ECDC) states that poor ventilation in confined indoor spaces is associated with increased transmission of respiratory infections, such as COVID-19. To ensure that infections don't rise again as populations remobilise, the government and organisations such as CIBSE, ASHRAE and REHVA are issuing guidance aimed at minimising the risk of people falling ill with COVID-19 in reoccupied buildings.

CIBSE COVID-19 Ventilation Guidance (Version 3 July 2020):

- Nondispersive infrared (NDIR) CO₂ sensors are useful devices to help assess whether adequate ventilation is being provided to an occupied zone

- Demand-control systems, CO₂ set points should be set to no less than 400ppm to meet the basic air change provision

EnviroVent have recently launched the AirSens range of intelligent indoor air quality sensors. These can be connected to many of our ventilation products and systems, including the SILENT MV range and JETLINE range.

With an AirSens AIR- CO₂ indoor air quality sensor and SILENT MV inline fan solution, you can be assured that adequate air changes will be delivered within an application to mitigate risks posed by COVID-19 transmission via droplets or small airborne aerosol particles.

Silent MV range - Ultra Quiet In-line Duct Fans

The SILENT MV range of patented, ultra-quiet inline fans are ideal for offices and other commercial premises such as dentists, doctors, gyms and schools, available in 8 sizes ranging from 4 to 12 inches with airflows of 42 l/s to 492 l/s.

Ultra quiet and low profile helicocentrifugal in-line fans, are easy to install and maintain and are fitted with sound absorbent insulation to guarantee exceptional performance with significant noise reduction.*



BENEFITS

- Whisper quiet running
- High performance
- Complies with Building Regulations
- Easy installation
- Easy maintenance
- Flexible location
- Five year guarantee

FEATURES

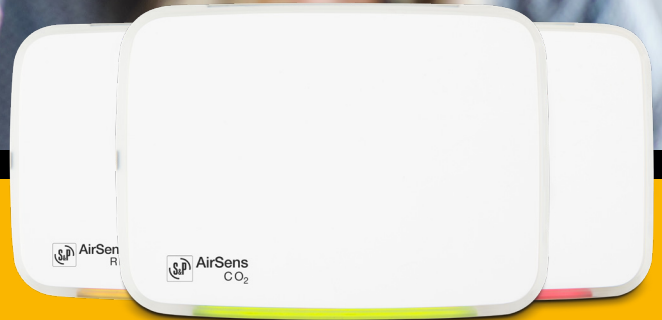
- Sealed for life ball bearings
- Sound absorbent insulation
- IP44 rated
- 360° rotating connection box
- Fitted with a two speed motor

SILENT MV + AirSens®

- Increasing air changes intelligently
- The perfect solution for Demand Controlled Ventilation



We are here to help you meet this guidance and to ensure you stay open



The AirSens® range are the first IAQ sensors designed and produced by ventilation experts.

The perfect solution for Demand Control Ventilation systems.

AirSens® is available in 3 different versions to control:

- Carbon Dioxide (CO₂)
- Volatile Organic Compounds (VOC)
- Relative Humidity (RH)

3 SENSORS... 3 DIFFERENT JOBS:

AirSens® CO₂ - Recommended for homes and workplaces with variable occupancy levels during the day.

AirSens® VOC - Reacts to sporadic changes in the accumulation of substance-derived odours: Volatile Organic Compounds such as alcohols, aldehydes, ketones and organic acids.

AirSens® RH - Recommended for homes and workplaces where relative humidity may vary or be particularly excessive.

JETLINE Range

The Jetline Range of five in-line fans for circular ducts, is designed for high aerodynamic performance in a compact profile to deliver extremely low sound levels. The JETLINE Range comprises of five diameters, covering a flow range from 72 to 300 l/s..

The low profile compact casing is manufactured from galvanised sheet steel, with the terminal box and mounting bracket designed with least impact on the product's profile. Manufactured from injection-moulded plastic, the design of the impeller, guide vane and outlet diffuser have been optimised to increase performance and lower the sound level.



FEATURES

- Terminal Box
- Mounting Bracket
- Two mounting positions for support
- Airtight Joints
- High performance impeller

BENEFITS

- High performance
- Quiet running
- Speed controllable by voltage
- Flow range from 72 to 300 l/s

JETLINE + AirSens®

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