



FRESH AIR IN EFFICIENT INDOOR ENVIRONMENTS

CARBON DIOXIDE AND TEMPERATURE TRANSMITTER

INDOOR AIR QUALITY

Although carbon dioxide, a common component of the earth's atmosphere, is invisible and odorless, an increased CO₂ concentration in the indoor air leads to fatigue and reduced concentration for humans.

In rooms with high occupancy, such as conference rooms and theatres, the negative effects on humans become all the more evident when the CO₂ presence is higher than 1000 PPM.

INCREASE YOUR EFFICIENCY

The CO₂ gas concentration varies depending on the building occupancy and by the volume of fresh air introduced in the building. The CD-Px00 transmitter enables the Demand Control Ventilation strategy to keep the CO₂ concentration within set limits, introducing air from outside only when it is necessary. This improves air quality whilst maximizing the energy saving.

The indoor air controls will keep a healthy environment while reducing air conditioning cost by

- 20 to 40% in office buildings
- 20 to 60% in restaurants/light retail facilities
- 10 to 70% in educational/business settings

For more information on how CO₂ Sensors can help you get more out of your building management investments, please contact your local Johnson Controls representative