

Revolutionize the efficiency of your car park ventilation



EcoVent Control System

Helps conserve energy & maintain good air quality

Fantech's EcoVent control system will increase the energy efficiency of your car park, while ensuring the ventilation output is optimized so that occupants do not encounter an environment where the air is unsafe.



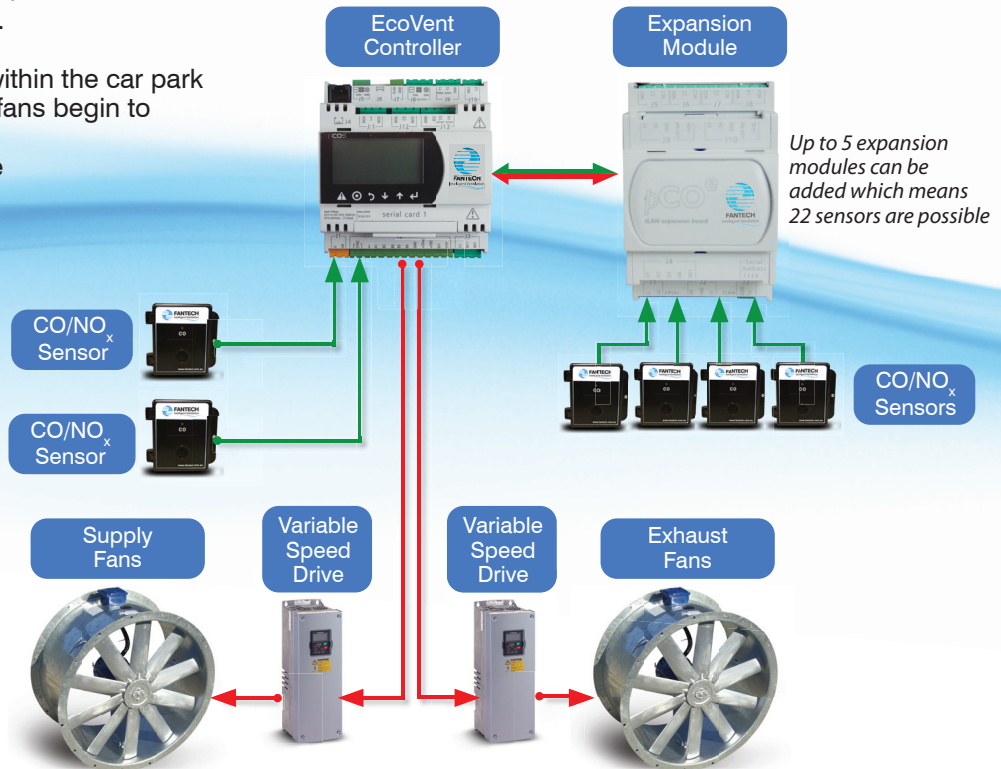
FANTECH
Intelligent Ventilation

The EcoVent control system is a packaged tailored solution that ensures the car park's exhaust and supply fans are only working when they are needed and at the speed required. This helps maintain good air quality when the car park is occupied and conserve energy when the car park traffic is low.

When the CO or NO_x Pollutant levels within the car park reaches a preset level, the ventilation fans begin to operate. As the levels increase and decrease during the course of the day and night, the speed of the fans and therefore the ventilation rate, also increase and decrease. This occurs in proportion according to the preset parameters set on the EcoVent controller.

In existing or older car parks where timers are used, retrofitting with the proportionally controlled EcoVent system can greatly improve energy efficiency.

The EcoVent controller reads the signals it receives from the CO or NO_x pollutant sensors and relays these to variable speed drives that modulate the speed of the fans. Up to 22 sensors can be controlled by a single EcoVent Controller.



Typical system conceptual layout

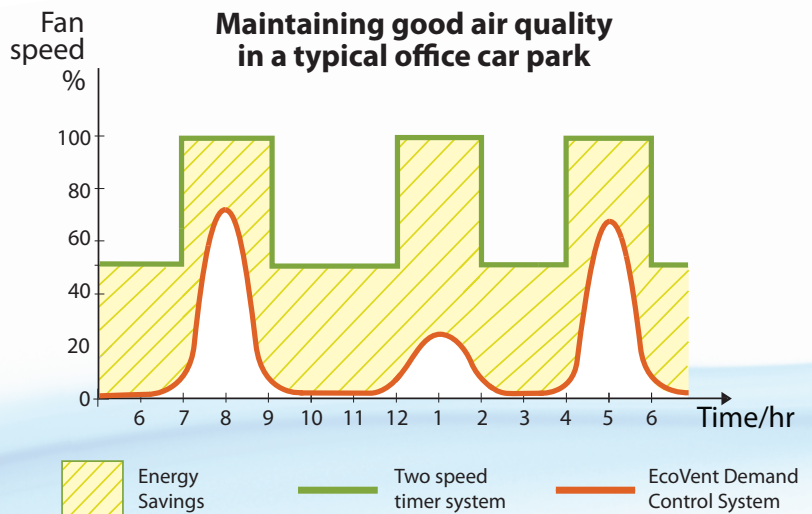
Typical applications

- New car parks with a ducted ventilation system
- Existing car parks with a ducted ventilation system
- Car parks with a JetVent impulse ventilation system

Features and benefits

- An Intelligent tailored solution package that includes VSD's, fans, CO or NO_x pollutant sensors and BMS connection
- Quick and easy to install and commission
- Controller's preset parameters increase and decrease the fan's speed in proportion to demand
- Will increase the energy efficiency of your car park
- Helps maintain good air quality
- Up to 22 sensors can be controlled by one EcoVent Controller
- If retrofitting into an existing car park, two speed motors often do not need to be replaced

Maintaining good air quality in a typical office car park



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