AVIATOR CONTROL SYSTEM



Fantech's Aviator Control System is tailored to efficiently manage commercial car park ventilation applications. It has been developed to increase the energy efficiency of a car park, while ensuring the ventilation output is optimised. Aviator is available as the Max or Mini with optional graphic user interface, and works in conjunction with JetVent fans, pollutant sensors, VSDs, supply/exhaust fans and the Building Management System.

F

POLLUTANT MONITORING



Pollutant sensor is available in carbon monoxide (CO) and nitrogen dioxide (NO_2) versions. They are ideal in enclosed or semi-enclosed spaces that contain harmful vehicle exhaust pollutants such as car parks, loading bays and drive through "take away" facilities. It incorporates a corrosion resistant, ABS/polycarbonate housing and hinged door that is water and dust resistant.

A robust galvanised guard can be installed over the pollutant sensor for additional protection against accidental knocks.

TEMPERATURE MONITORING



The Aviator controller can also monitor temperature sensors connected to the system. If a hot area is identified within the car park such as near an air conditioning condenser. JetVents fans turn on when demand ventilation is required to reduce the temperature. These sensors are typically the 4-20mA or 0-10Vdc type and can be Modbus.

SMOKE DETECTION



The Aviator control system can be activated to monitor Fantech smoke detection sensors. Duct probe smoke detectors can be fitted to the side of each JetVent fan and additional decentralised smoke detection sensors can be connected to the JetVent fans or Aviator controller as required. The Aviator controller can also be integrated into a third party smoke detection system if required.

© FANTECH 2024