

Technical Data Sheet

Car Park Main Extract Fan Generic



General Specification

The smoke extract fans are rated 300°C for 2 hours. Both duty and standby fans are provided and will change over automatically on failure of a fan. This is achieved by CTT monitoring of the supply current to the fan within the control panel.

Smoke Vent Axial Fan Units are part of a declared, tested and certified product range as defined within EN12101-3:2002. The fans are manufactured under strict quality procedures and carry their own product CE mark under EC Certificate of Conformity No: 0086-CPD-493001.

Certification

- ⊗ BSEN 12101-3:2015 – Legislation outlining test procedure to ensure fans are suitable to be used in the event of an emergency, in this instance 300°C for 2 hours
- ⊗ ISO 5801:2007 (Airside Performance)
- ⊗ BS 848 Part 2:1985 (Sound Performance)
- ⊗ BS ISO 13347-2:2004 (Reverberation Room Method)

- ⊗ ISO 5801:2007 (Airside Performance)
- ⊗ BS 848 Part 2:1985 (Sound Performance)
- ⊗ BS ISO 13347-2:2004 (Reverberation Room Method) ALL

Features

- ❖ Fans tested to EN12101-3:2002
- ❖ Fans rated 300°C for 2 hours
- ❖ Flexible connections fire rated
- ❖ Fan feet sit on anti-vibration mountings to provide necessary isolation from the building fabric
- ❖ Fans connected to the shaft by DW144 1mm galvanized ducting in accordance with Smoke Ventilation Association (SVA) Guidance
- ❖ Fans and ducting are galvanized so can be left exposed to the elements