ACTIVE ROOF PANELS

In the active version, the panels are electrically controlled by the BMS* control panel and will automatically and instantly open in the case of fire/smoke, to allow gas suppressant or water from an overhead sprinkler system to pass through to the aisle.

Specification

- In case of a fire/smoke activation, the CANNON Active roof system provides automatic panel opening (Via customer BMS link), to allow gas suppressant or water from sprinkler system to enter aisle (avoids the need to modify and extend room sprinklers).
- Compatible with the CANNON Smart Cab range. Modular overhead cocooning panels, with Quick-Fit mounting pins.
- High transparency polycarbonate glazed panels.
- Optional Opaque polycarbonate glazed panels.
- Ideally panel widths match the widths of supporting cabinets providing matched modules (these can be of mixed width if required) i.e. 600mm, 700mm or 800mm wide cabinets and panels
- If possible, panel dimensions match the widths of supporting cabinets (these can be of mixed width if required) i.e. standard 600mm, 700mm or 800mm wide cabinets and panels.
- Passive panels can be mounted to 3rd party and non-matching cabinet widths, by installing an optional adjustable edge beam (customised kits available on request).
- Panel mounting height options to suit room constraints and headroom obstructions i.e. lighting
- Standard aisle width 1200/1800mm; Additional sizes on request.

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.

Additional colours available on request.

- When a fire alarm is raised/activated the CANNON Active Roof Panels are able to rotate about their centre point to allow external Fire Suppressant Systems to extinguish a fire in the aisle or cabinets.
- Activation devices may be smoke and fire detectors or call points.
- Actuators are magnetic holding solenoids as per standard fire doors.
- System will normally be "power-on" to hold panels shut and automatically "open-on" fire/smoke or power-loss (equivalent to a retained fire door within a corridor).
- Voltages - normally 24VDC SLEV

ACTIVE ROOF PANEL 1200mm AISLE	PART CODE
600mm WIDE ACTIVE ROOF PANEL	ACT6012**
700mm WIDE ACTIVE ROOF PANEL	ACT7012**
800mm WIDE ACTIVE ROOF PANEL	ACT8012

ACTIVE ROOF PANEL 1800mm AISLE	PART CODE
600mm WIDE ACTIVE ROOF PANEL	ACT6018**
700mm WIDE ACTIVE ROOF PANEL	ACT7018**
800mm WIDE ACTIVE ROOF PANEL	ACT8018**

DESCRIPTION	PART CODE
6 x ACTIVE ROOF PANEL ACTIVATION SYSTEM, PSU, CABLING ETC. KIT**	KP5004
12 x ACTIVE ROOF PANEL ACTIVATION SYSTEM, PSU, CABLING ETC. KIT**	KP5004-12
15 x ACTIVE ROOF PANEL ACTIVATION SYSTEM, PSU, CABLING ETC. KIT**	KP5004-15

Cannon pre-wire the active roof system temporarily to prove its operation and to allow access to the area above the aisle and cabinets.

Any fixed wiring, PSU, alarm, actuator or detection installation may have to comply with the BS/EN requirements of an insurer or specified use of the space in the country of use.

Cannon recommends a certified fire installations company be employed to interface these systems with a customer's fixed fire/BMS installation and ensure compliance with relevant legislation.

*BMS = BUILDING MANAGEMENT SYSTEM

** KP5004-xx (xx=1/12/15 etc) KIT REQUIRED FOR ACTIVATION FOR ACTIVE ROOF. CONTACT CANNON TO CONFIRM NUMBER OF ACTIVE ROOFS REQUIRED AND NUMBER OF ACTIVATION KITS.