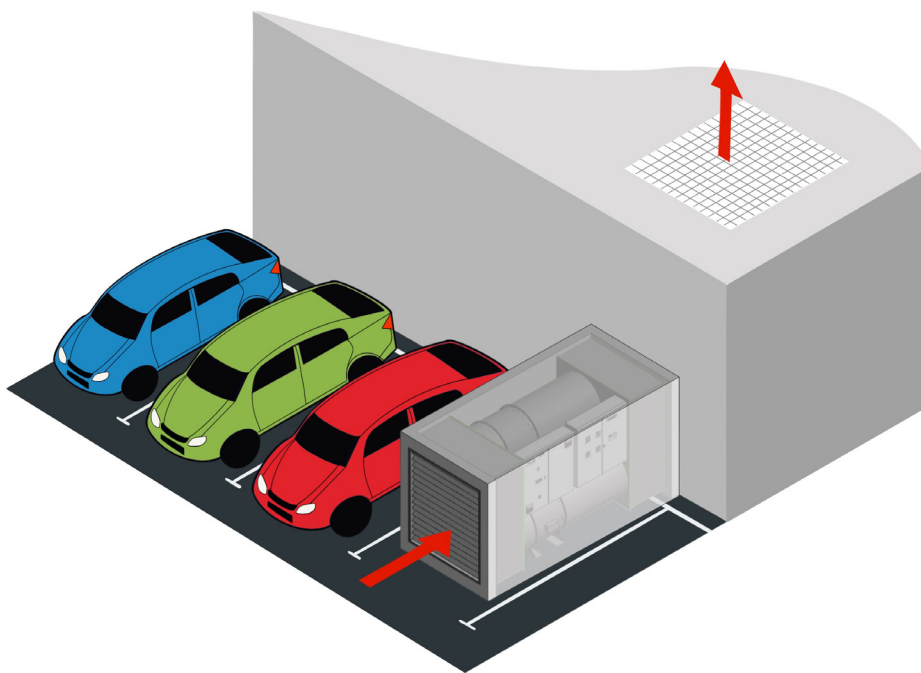


Car Park Ventilation Box.

UNIJET

The Group SCS Car Park Ventilation box is a packaged prefabricated plant room smoke clearance and pollution control in underground car parks and loading bays.



COMPACT

Compact design to fit within a single car parking space.

SUITABILITY

Suitable for smoke clearance and pollution control for car parks up to 10,000m³.

OPEN PROTOCOL

Customisable open protocol software, pre-programmed with standard cause and effect to meet current building regulations and direct communication with other building engineering systems via Modbus.

MANUFACTURER

Group SCS

SUITABLE FOR:



KEY INFORMATION

Fire Rating	2 hours to EN 13501-2
Extract Fans	BS EN 12101:3 Class F300
Main Control Panel	BS EN 12101:10
Dampers	BS EN 12101:8
Automatic Transfer Switch	BS 8519 with maintenance by-pass

DESCRIPTION

The Box is a complete fire rated plant room constructed from insulated fire rated steel panelling finished in a standard RAL colour. The plant room contains the extract fans, dampers, silencers, main control panel, automatic transfer switch, inlet grille and outlet connection. The unit is factory assembled, wired and tested for fast and effective installation on site. The construction is 2-hour fire rated to EN 13501-2.

A tried and tested software programme automates the operation. It is fully customisable and can communicate directly with external systems e.g. BEMS and seamlessly link to other Group SCS modular systems like the UniVent smoke shaft and UniDamp damper control system for a holistic approach to building smoke control. The control system features the Eyeball remote monitoring and testing system for continued safe operation of the system post installation. The Plant Room has been designed to fit in a single car parking space and a range of duties are available to suit the building size.

SYSTEM COMPONENTS

- Extract fans
- Control Dampers
- Automatic control system
- CO detection

KEY INFORMATION

Unit Reference	EI Fire resistance class (EN 13501-2)	Max Duty (m ³ /s)	Max Weight (kg)	Power Supply	Max Noise level in pollution control mode
CPB A	E120	7.6	4,800	34A	NR55
CPB B	E120	13.4	5,300	60A	NR55
CPB C	E120	23	5,600	102A	NR55
CPB D	E120	30.6	6,000	125A	NR55

ILLUSTRATIONS



ELEVATION

(WITH ACCESS DOORS REMOVED)

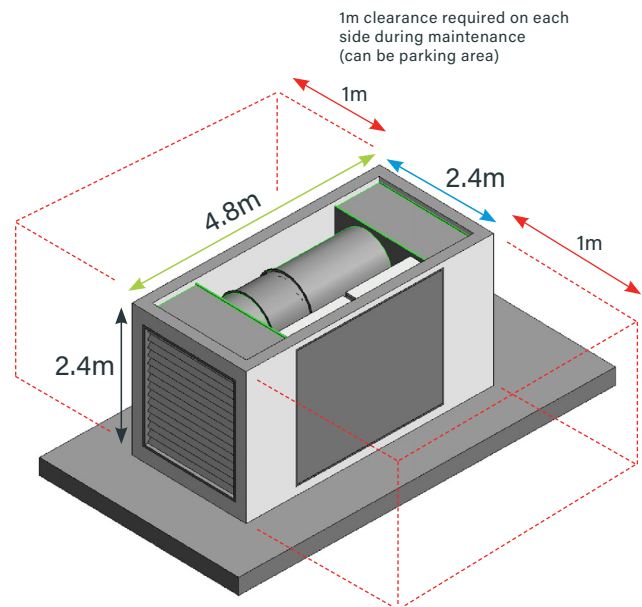


DIAGRAM FOR REFERENCE DIMENSIONS

ATTENTION: Under the Construction Products Regulations (CPR) it is a legal requirement to use only certified products for smoke ventilation. It is the responsibility of the installer to ensure installations meet the relevant standards.

Group SCS reserves the right to alter the specification of its products from time to time without notice. Although every effort has been made to ensure the accuracy of the information contained in this document it is not warranted or represented by Group SCS to be a complete and up-to-date description. For further information visit www.groupscs.co.uk