

ParkGuard

Control panel for ventilation of
underground car parks

PARKING SECURITY



CONTROL PANEL FOR VENTILATION OF UNDERGROUND CAR PARKS

ParkGuard

PURPOSE

- ° **Control** the concentration of contaminants (such as smoke and CO) and **activate the system** accordingly.
- ° **Control** the operation of the **fans** according to the values and speeds established by regulations.
- ° **Test** the system to ensure its **correct operation** in case of emergency.
- ° **Help** maintain the system, so that it is in **optimal conditions** and ready to activate.
- ° **Modify** some work values to adapt to **new circumstances** or **new regulations**.

FUNCTIONS

The **5 operating modes** allow you to carry out both control and intervention tasks:

- ° Automatic
- ° Manual
- ° Maintenance
- ° Technical service
- ° Emergency



GENERIC CHARACTERISTICS

ParkGuard is made up of several generic elements, but this control panel is customized according to the needs of each project:

- ° **ParkGuard cabinet** Metal casing of customized dimensions, with 400V AC three-phase power supply, ground connection, emergency stop switch and integrated ventilation.
- ° **Led touch display** Integrated 10" display for touch management of all operating modes of the system, both for prevention and intervention.
- ° **COMBATOR** Firefighter panel for manual management of the main panel functions. Includes acoustic and visual alarm.
- ° **PLC** Control fully programmed with the necessary maneuver for comfort and emergency ventilation (in case of fire).
- ° **BMS module** Allows communication with the building's BMS with Modbus TCP or Ethernet protocol.
- ° **Optional frequency drive** It allows optimized control and efficient energy management of the fans in the different possible scenarios.

cabinet with integrated display ►

COMBATOR with alarm ▼

