



## **Professional system for the active sanitization of the lift car**

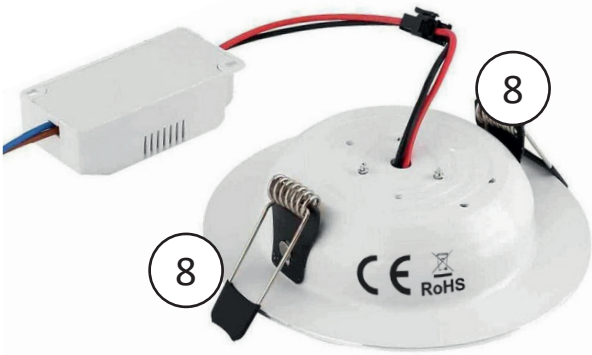
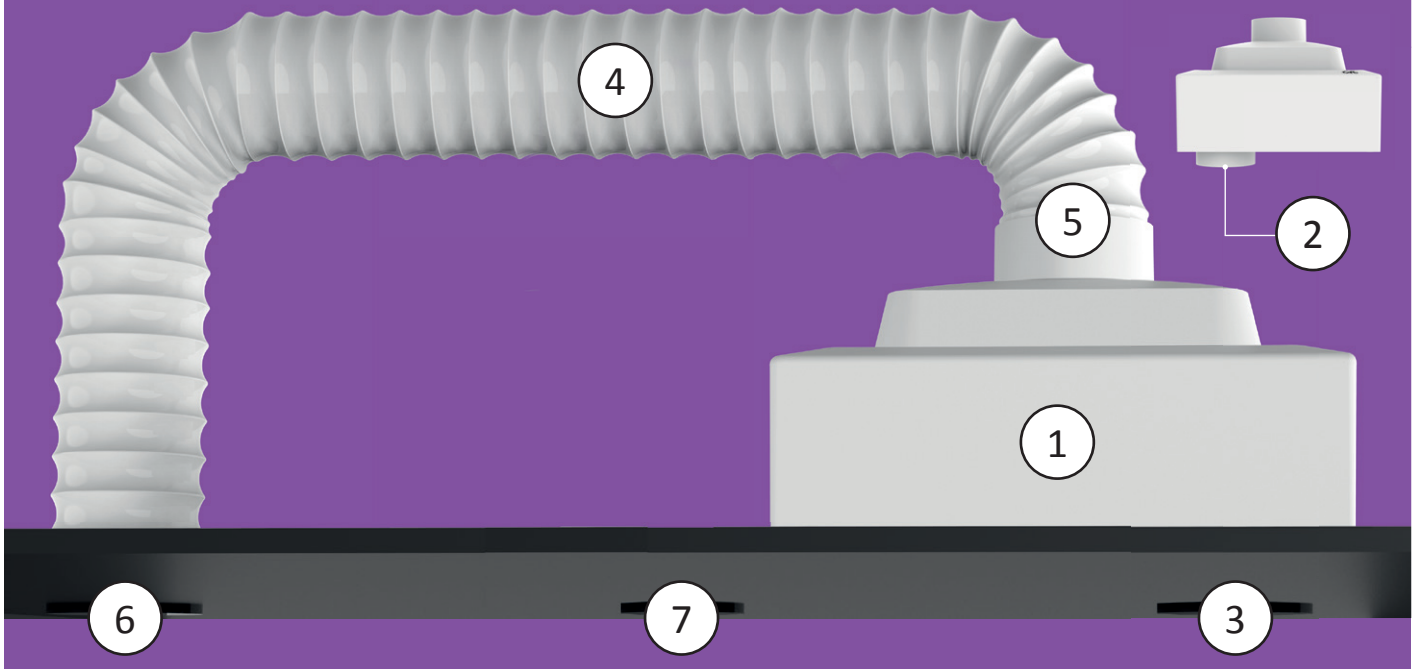
### **PACKAGE CONTENTS**

- No. 1 CARE unit
- No. 1 pre-installed HEPA air filter
- No. 2 adjustable valves for ventilation
- No. 2 valve sleeves
- No. 1 flexible spiral pipe (2 metres)
- No. 1 UVGI germicidal LED spot
- No. 1 motion sensor
- No. 10 adhesive information plates
- documentation

**ASSEMBLY INSTRUCTIONS**

**GENERAL WARNINGS**

## ASSEMBLY INSTRUCTIONS



### ARRANGEMENT

- Provide 2 Ø 80 mm holes at the ends of the ceiling for the installation of the ventilation valves.  
**Tip: The 2 holes should be drilled as far as possible from each other to maximize the efficiency of the ventilation system.**
- Provide 1 Ø 60 mm hole in the centre of the ceiling for the installation of the UVGI spotlight.  
**Tip: Drill the hole as centrally as possible, for a more uniform diffusion of the UV-C rays.**
- Provide 1 hole near one of the lift car corners, where the car walls join the ceiling, to be used for the motion sensor cable.

### INSTALLATION

- Position the CARE unit (1) on the car roof, inserting the lower connection (2) of the unit into one of the 2 Ø 80 mm holes drilled in the ceiling and plug the flow valve (3) directly into it. Similarly, insert the return valve (6) into the second Ø 80 mm hole.
- Insert the flexible pipe (4) into the top connection (5) of the unit and connect it to the return valve (6) previously inserted into the second Ø 80 mm hole in the ceiling using the sleeve included in the supply.
- Fix the 2 ends of the flexible pipe (4) using the provided metal collars.
- Insert the UVGI spotlight into the hole (7) in the centre of the ceiling using the supplied snap-on clips (8).
- Install the motion sensor (9) on the wall or, alternatively, on the ceiling using one of the two brackets included in the supply.  
**Tip: Install the sensor in the most angled position to optimise the volumetric coverage.**

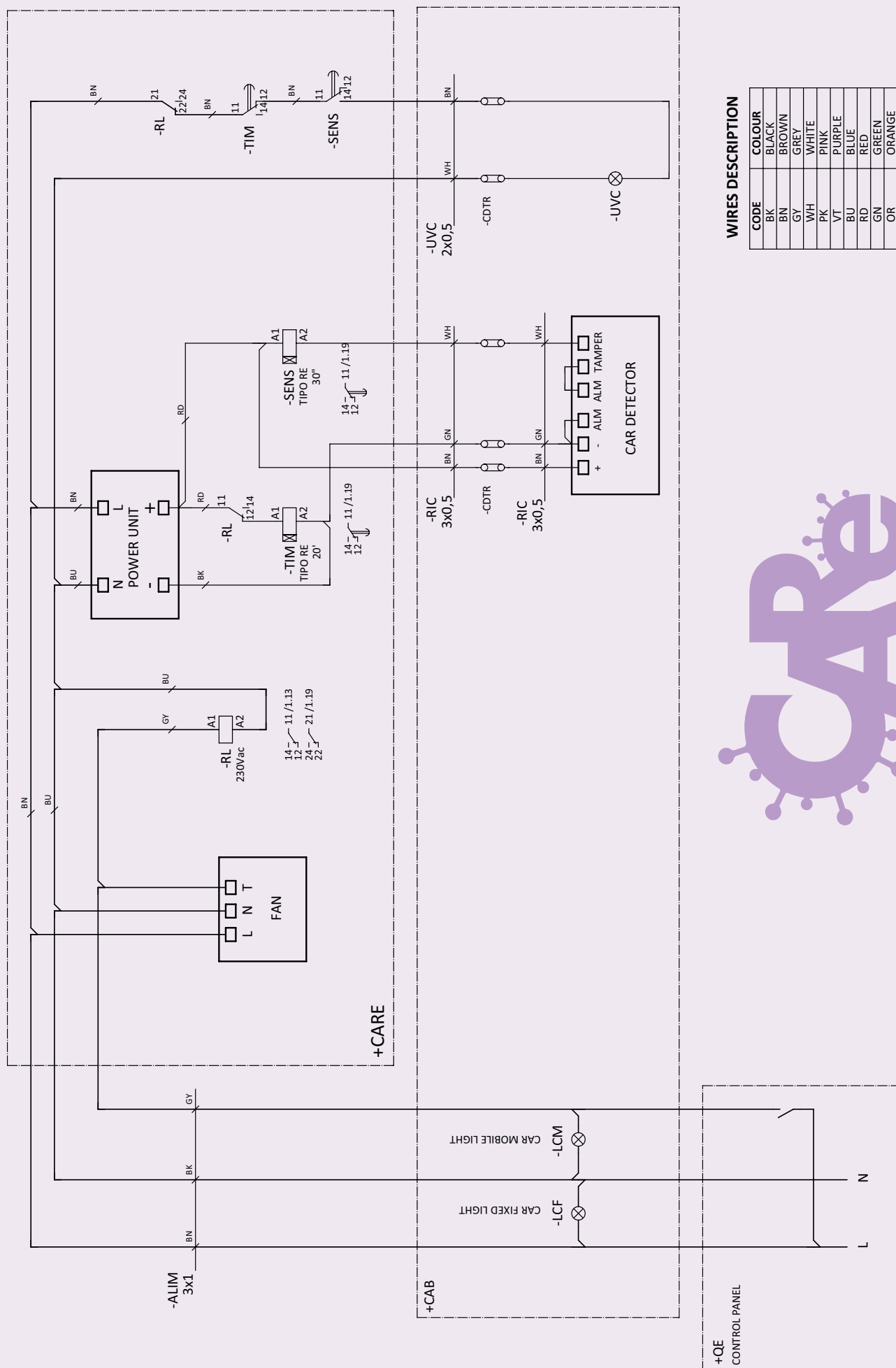
### CONNECTION

- Connect the UVGI spotlight to the UVC cable of the unit.
- Connect the motion sensor to the RIC cable of the unit.
- Power the CARE unit through the ALIM cable (fixed light - mobile light of the car) of the unit.  
**Tip: Check the attached wiring diagram for connections.**

### WARNINGS

- Place an adhesive information plate next to each landing access.

## WIRING



### WIRES DESCRIPTION

CODE	COLOUR
BK	BLACK
BN	BROWN
GY	GREY
WH	WHITE
PK	PINK
VT	PURPLE
BU	BLUE
RD	RED
GN	GREEN
OR	ORANGE
YE	YELLOW



## GENERAL WARNINGS

Please read this document carefully before installing and using the system. The information and instructions contained herein are essential for proper installation and proper use of the device.

- Interventions by unauthorized personnel, or not in compliance with the instructions given in this manual, hold the manufacturer (or distributor) not responsible for any consequence that may arise.
- Interventions by the user on the device are absolutely forbidden. The system is designed and built with mechanical and electrical safety devices to protect the operator and the user from any physical damage.
- It is the responsibility of the installer to confirm that the information and warnings for the use of the lift have been made available to the user.
- Despite these safeties, the operator and user must be aware of any potential risk that may exist while operating the device.
- Any modification to the system must be considered under full responsibility of the installer.
- The system must be subjected to routine maintenance.

The CARE device consists of two components separately performing the functions of sanitizing the lift car air and disinfecting the surfaces inside the car.

### AIR SANITIZATION

Air sanitization is achieved by means of an air filter/fan that allows air exchange through an absolute HEPA filter. This air filter is built according to good engineering practice, in compliance with the applicable EC Directives and its intended use is to carry out the air exchange in the spaces where it is installed. Follow these instructions carefully to ensure durability, electrical and mechanical reliability. Keep this document in a safe place.

- After unpacking, check the integrity of the device.
- Before connecting the device, confirm that the plate information meet those of the mains supply.
- This device must only be used for the purpose for which it was expressly designed. The manufacturer cannot be held liable for any damage resulting from improper, incorrect and unreasonable use.
- Do not use the product in the presence of corrosive or explosive vapours.
- Before carrying out any cleaning or maintenance operations, disconnect the device from the power supply. The maintenance and cleaning operations requiring its disassembly must be carried out only by authorized and competent personnel.

- Before operating the device, check its correct assembly.
- Periodically, at least twice a year, the HEPA filter must be replaced. Filter replacement must be carried out by authorized and competent personnel equipped with appropriate personal protective equipment (gloves) and trained on how to handle and dispose the filter.
- If the device is to be decommissioned, we recommend to remove the power cord. It is also recommended to remove the HEPA filter and dispose of it according to the instructions.
- The installation must be carried out according to the manufacturer's instructions, by authorized and competent personnel. Incorrect installation may cause damage to persons, animals or property for which the manufacturer cannot be held responsible.

### SURFACE DISINFECTION

The disinfection of the internal surfaces of the car is carried out by means of a UV-C lamp, which, when switched on, causes harmful emissions for people inside the lift car, even for short-term exposures. In case of direct exposure of the skin to UV-C rays, an erythema may occur; some forms of eye diseases such as photokeratitis, photoconjunctivitis and cataract are due to the exposure of the eyes. The ultraviolet light by the UV-C lamp should never be looked at directly with the naked eye, without the use of a protective screen.

### USE

When the car is at one floor, with no passenger inside and no signal of occupied car, the UV-C lamp switches on automatically activating the surface disinfection function. When opening the door, before entering the car, check that the UV-C lamp is actually switched off.

Protective equipment against hazards due to exposure to UV-C radiation:

- the system is equipped with a motion sensor detecting the movement of a person inside the car and preventing the UV-C lamp from switching on;
- the same sensor also detects body temperature at the same time to further check for the presence of any person in the car;
- the opening of the door causes the immediate switching off of the UV-C lamp;
- the activation of any lift movement control commands the UV-C lamp to switch off;
- the opening of a landing door or the call from any floor operate the air exchange system. The ventilation remains operational even when passengers are in the car.

### AIR FILTER DISPOSAL

Air filters, once exhausted, as well as their packaging, must be disposed of in accordance with the relevant applicable law. In any case, they must not be thrown away or dispersed in the environment, but disposed of according to the CER identification code:



**CER 150203** AIR FILTER - Exhausted, not recyclable.



**CER 150101** OUTER PACKAGING - Paper box/cardboard box, recyclable.



**CER 150102** INTERNAL PACKAGING - Plastic bag, recyclable.



### DISPOSAL OF ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE)

This product complies with EU Directive 2002/96/EC.

The crossed-out wheeled bin symbol indicates that waste electrical and electronic equipment should not be discarded together with unseparated household waste, but must be collected separately. The operator is responsible for consigning the equipment to appropriate collection facilities at the end of its working life or they may face the penalties provided for by current waste management legislation. The separate collection for the delivery of the equipment to recycling, to treatment and environmentally compatible disposal helps avoid possible negative effects on the environment and health and promotes the reuse and / or recycling of materials that make up the equipment. For more detailed information on the available waste collection systems, contact your local waste disposal service. Manufacturers and importers comply with their responsibilities for recycling, treatment and environmentally compatible disposal.