

## KONE SAFETY INFORMATION

# Enhance the safety of automatic doors through proper use and maintenance

To KONE, safety means much more than just conforming with local laws and norms – it's our number one priority. KONE door maintenance detects issues before problems arise, reducing hazards and preventing accidents from taking place. By making sure that automatic doors are used and maintained properly, you can help ensure safe access for all.



### Proper use of equipment boosts safety

According to European standard, the owner of the equipment is responsible for the safety of automatic doors. You can facilitate safe and trouble-free access for everyone and a longer life for your equipment by taking care that doors are used and maintained correctly. Proper operation also saves money by eliminating service calls. Therefore building staff should be well informed about the correct use of automatic doors and also be able to instruct users if they spot unsafe behavior.

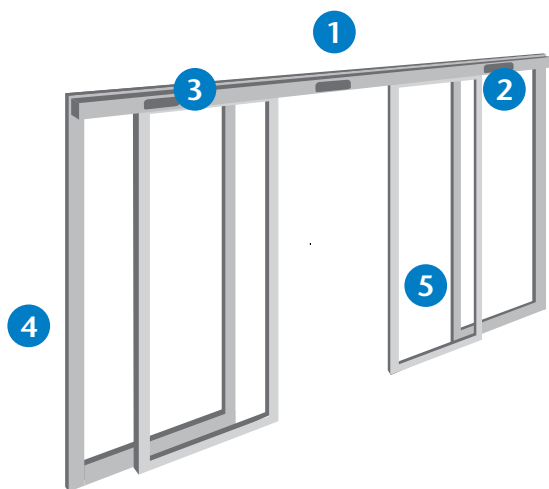
### Systems to ensure safety

We at KONE work to ensure that all equipment under our service complies fully with latest standard and meets the highest levels of safety in the industry. The safety of automatic doors depends largely on when they were installed because standards and norms for that period applied. In recent years a number of harmonized standards have been introduced for pedestrian and industrial automated building doors. These focus on improving safety and performance through better design and on-going professional maintenance. Fortunately older equipment can be modernized to meet the current standards.

### Did you know?

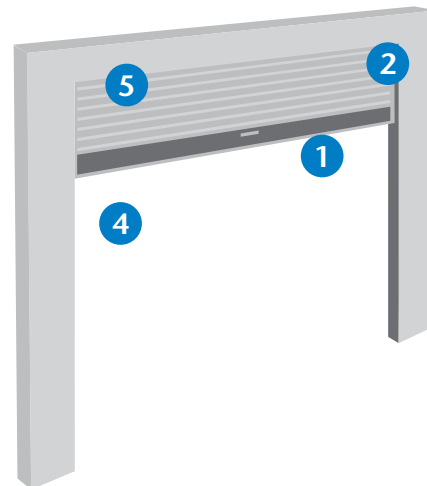
- With regular maintenance you can increase safety for all while also maximizing the lifetime of door equipment. Latest regulation require professional and regular maintenance for automatic doors.
- KONE provides maintenance for doors 365 days of the year. The KONE Care Center is available 24/7 to provide door maintenance and repair services.
- You can easily get a clear and accurate review of the condition of your automatic doors by ordering a KONE Care for Life assessment.

## Five simple solutions to boost the safety of existing doors:



### Pedestrian doors

- ❶ Fail-safe sensors ensure that the door remains in a safe position if a fault is detected.
- ❷ Side screen protection prevents people from getting struck by door panels as they open.
- ❸ Updated control system software protects people and property by regulating the force with which doors open and close.
- ❹ Disabled access mode keeps doors open longer, allowing people more time to go through them.
- ❺ Replacement of damaged panels, especially glass, avoids shattering, breakage and potentially dangerous situations.



### Industrial doors

- ❶ Bump pads on door curtains protect people, goods and vehicles.
- ❷ Motors are equipped with built-in safety brakes.
- ❸ Controls monitor operation and detect problems before incidents occur.
- ❹ Sensors and beams prevent door panels from descending on people or property.
- ❺ Free fall prevention devices stop the curtain from dropping if a fault occurs.

### Safety tips

The purpose of automatic doors is to ease entry and exit. Here are some tips anyone can follow to help keep doors working smoothly:

- Do not attempt to walk or drive through an automatic door until it has opened completely. Similarly, do not try to hurry through a doorway if the door is closing.
- Keep body parts, clothing and belongings clear of moving parts. Never try to keep an automatic door from opening or closing as doing this may injure you or damage the door mechanism.
- Do not attempt to move doors by force as doing this may cause personal injury. Most modern building doors are equipped with either a manual opening device with instructions or backup power in case of a power failure.
- Move swiftly through doorways. Do not stay unnecessarily in the door area as the sensors may not detect your presence and the door could close on you.