

Dedicated to People Flow™



9



MODULAR ELEVATOR DOOR MODERNIZATION SOLUTIONS

KONE ReNova™

Improved safety and accessibility begin at the door

Many elevator reliability problems are the result of outdated or poorly-performing door systems. The elevator door is also the first thing building users see, so it should make a good first impression.

Modernizing the elevator door system with KONE ReNova™ improves the safety, performance and reliability of the doors. This can also be an ideal opportunity to upgrade aesthetics as well as accessibility for your passengers. KONE ReNova elevator door modernization solutions require less power than conventional door operators. The mechanical system includes a linear door drive system, with large diameter door rollers and a substantial track, which minimizes friction and reduces noise. A highly efficient synchronous motor, closed-loop control and inverter drive system ensure optimum electrical efficiency.

Modularity enables KONE ReNova doors to meet the specific needs of your building. They can be interfaced with various parts of existing door systems, if their operation is satisfactory. In certain situations this can reduce the cost and time needed for modernization.

KEY BENEFITS

- Complete elevator door modernization system
- Modular solution: replace only the parts that need to be replaced, for fast installation and minimum disruption

Safe

- Compliance with latest EU and national safety and accessibility codes (EN 81-80 European Safety standard)
- Passenger comfort and safety assured by door protection devices and smooth door motion control

Energy efficient

- Enhanced levels of door motion control enabled by an advanced drive system
- Highly efficient synchronous motor, closed-loop control and inverter drive

Reliable

- Optimum reliability and longer life due to rugged mechanical design



KONE ReNova™ Folding doors

For ultra-compact elevators

This solution is ideal for ultra-compact elevators where space is limited. The KONE ReNova Folding car door, with its lightweight yet robust construction, can easily be installed in existing elevators with either manual doors or gates, or where there was no car door previously. Located entirely within the existing elevator cabin, the design ensures that the maximum car depth is maintained for passenger comfort.



KONE ReNova™ Slim doors

For existing car-door-less elevators

Due to the slim design of the car door system - only 62 mm - an automatic door can be added to existing car-door-less elevators, without losing significant car depth. This allows the existing load capacity to be maintained. While saving space, KONE ReNova Slim automatic doors significantly increase the comfort and accessibility. In particular they increase the safety of elevators that had lacked a car door.



KONE ReNova™ 200 doors

For modernizing existing automatic doors

The KONE ReNova 200 doors are for modernizing existing automatic doors. This solution is designed for buildings where there is a smaller amount of traffic, such as residential buildings and small office blocks.



KONE ReNova™ 600 doors

For modernizing existing automatic doors

The KONE ReNova 600 doors are for modernizing existing automatic doors, for example in office blocks or high-rise residential buildings where there is a moderate amount of traffic.



KONE ReNova™ 800 doors

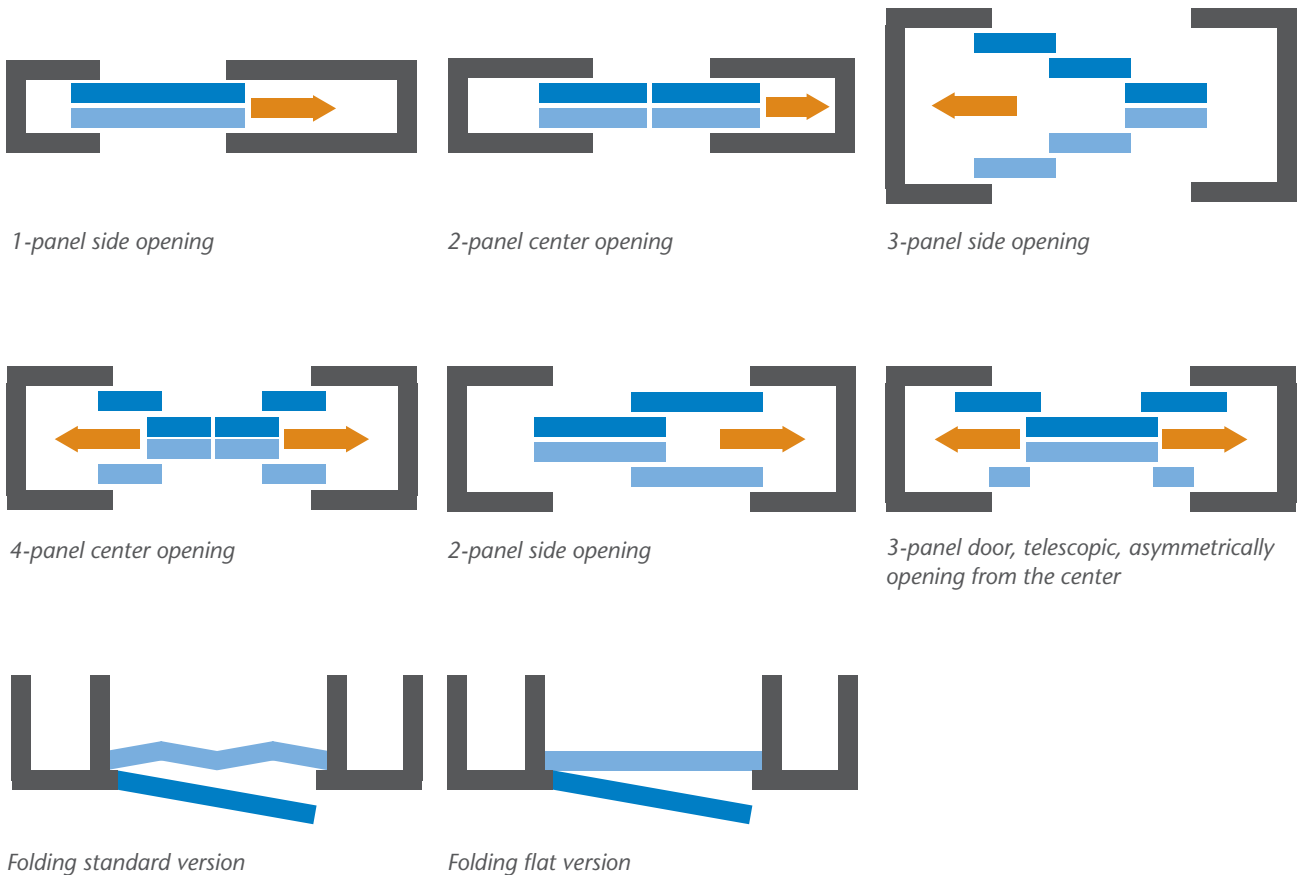
For modernizing existing automatic doors

The KONE ReNova 800 doors are for modernizing existing automatic doors. This is a heavy-duty solution for applications with steady, high-density traffic, such as hospitals, hotels and high-rise office buildings.



A range of solutions for every requirement

	KONE ReNova™ Folding	KONE ReNova™ Slim	KONE ReNova™ 200	KONE ReNova™ 600	KONE ReNova™ 800
Cycles per year	up to 200,000	up to 200,000	up to 200,000	up to 400,000	up to 800,000
Application range	Residential buildings and ultra-compact elevators either car-door-less or with manual doors.	Residential buildings and small office blocks, especially for existing car-door-less elevators and elevators with manual doors.	Residential buildings and small office blocks.	General office blocks or high residential buildings.	Hospitals, hotels, high-rise buildings. Steady and high traffic density.



You can select the door opening solution based on the free opening required and the space available.

9

KONE ReNova™ Slim glass doors
For a feeling of space and modern style

The KONE ReNova Slim glass doors create a modern feeling of space. When replacing manual doors, they increase accessibility in the elevator. Based on the KONE ReNova Slim design, they can be used to modernize elevators that were without a car door, without losing significant space in the car. Glass panels can be installed in both the car doors and the landing doors.



KONE provides innovative and eco-efficient solutions for elevators, escalators, automatic building doors and the systems that integrate them with today's intelligent buildings.

We support our customers every step of the way; from design, manufacturing and installation to maintenance and modernization. KONE is a global leader in helping our customers manage the smooth flow of people and goods throughout their buildings.

Our commitment to customers is present in all KONE solutions. This makes us a reliable partner throughout the life cycle of the building. We challenge the conventional wisdom of the industry. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE MonoSpace®, KONE EcoMod™ and KONE UltraRope™.

KONE employs on average 40,000 dedicated experts to serve you globally and locally.

KONE Corporation
www.kone.com

KONE OFFICES IN SOUTH EAST ASIA

Indonesia - PT. KONE Indo Elevator

Jakarta (main office)	+61 21 6570 3990
Bali	+62 361 785 8383
Makassar	+62 411 466 2780
Surabaya	+62 31 855 6383
Yogyakarta	+62 274 284 0089

www.kone.co.id

Malaysia - KONE Elevator (M) Sdn Bhd

Kuala Lumpur (main office)	+603 7494 7500
Johor Bahru	+607 559 0885
Penang	+604 656 3222
Sabah	+6015 4818 9128

www.kone.my

Philippines - KPI Elevators, Inc.

Makati City (main office)	+632 811 2929
Cebu	+63 32 233 5790

www.kone.ph

Singapore - KONE Pte Ltd

Singapore	+65 6424 6246
-----------	---------------

www.kone.sg

Thailand - KONE Public Company Limited

Bangkok	+66 2784 6500
---------	---------------

www.kone.co.th

Vietnam - KONE Vietnam LLC

Ho Chi Minh (main office)	+84 8 3997 5373
Hanoi	+84 4 3974 9445

www.kone.vn

DISTRIBUTORS IN SOUTH EAST ASIA

Brunei

Yusoki Sdn Bhd	+673 2790037
----------------	--------------

Cambodia

Comin Khmère	+855 23 885 640
--------------	-----------------

Laos

Comin Asia	+856 30 777 4777
------------	------------------

Myanmar

Octagon Automobile & Machinery Services Co., Ltd	+95 9 8631438
--	---------------

Sarawak(Malaysia)

Elebest Engineering Sdn Bhd	+60 82 365836
-----------------------------	---------------