



# Elevated essentials

KONE MonoSpace 100 DX

[www.kone.ae](http://www.kone.ae)

Dedicated to  
People Flow™



# Elevated essentials

KONE MonoSpace 100 DX is an up-to-date entry-level elevator that brings the high quality and reliability of the industrialized MonoSpace to low rise and low traffic buildings such as residential applications.



Learn more about  
KONE DX elevators



Powered by the compact, energy-efficient KONE EcoDisc® hoisting motor, the KONE MonoSpace 100 DX saves valuable space in your building by completely removing the need for a machine room.

In an increasingly digitalized world, everything is connected, and elevators are no exception. The KONE MonoSpace® DX elevators redefine the elevator experience with built-in connectivity for improved people flow and a completely new and inspiring user experience. That is what DX (Digital eXperience) stands for.

01

## Get more value out of every square meter with built-in connectivity

Every KONE DX elevator is connected, and the KONE MonoSpace 100 DX is no exception! We bring future-proof connectivity and all of KONE's digital services also to small residential buildings.

02

## Differentiate with a redefined user experience for tenants and visitors

Designed with the builders' needs in mind and tailored for residential buildings, the user-friendly features bring reliability and ease to everyday living.

03

## Partner for smart and sustainable buildings

Take advantage of our expert support and sustainable materials and technologies to help you achieve green building certifications and compliance with safety codes and standards.

### Key specifications



API ready



Connected



Load capacity  
480 kg, 630 kg, 1000 kg



Speed  
0,63 or 1,00 m/s



A-Class energy  
efficient  
ISO 25745 rating



Max. travel  
30 m



Max. floors  
10



Max. persons  
13



Max. group size  
1



# Actions to reduce carbon footprint over the elevator lifecycle



## From design to delivery

### Design

- Durability for a longer life

### Materials & sourcing

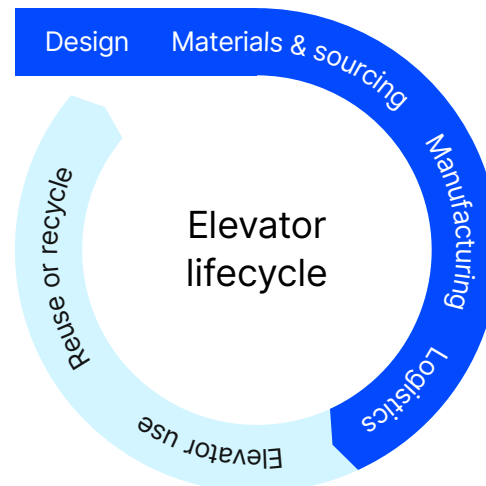
- Materials that promote healthy spaces
- Design made to optimize energy consumption (LED ceiling, machinery, car balancing etc.)

### Manufacturing

- First carbon-neutral manufacturing units in the industry, powered by 100% renewable electricity
- Packaging optimized and, where possible, reused

### Logistics

- Optimized routes and loading



## Daily use

### Elevator use phase

- Reduced energy consumption during use with energy-saving solutions included
- Carbon-optimized maintenance

### Reuse or recycling

- A second life through modernization: Upgradable, energy-efficient elevators with a longer lifespan.
- Circularity in modernization: Recycling and reusing, and retaining materials and components (e.g. doors and guide rails).





Read the Environmental  
Product Declaration for  
MonoSpace® DX Performance

[www.kone.ae](http://www.kone.ae)



# For future generations

## LOW ENERGY ELECTRIFICATION

5%

maximum saving in annual energy  
consumption in electrification  
systems when elevator is not moving

## STANDBY MODE / SLEEP MODE (OPTIONAL)

10%

maximum saving in annual energy  
consumption when elevator is not used  
for 5 minutes or longer

## REGENERATIVE DRIVE (OPTIONAL)

40%

maximum saving in annual energy  
consumption through recycling braking  
energy back into the building's power grid

## ENERGY MANAGEMENT (OPTIONAL)

10%

maximum annual energy saving in  
elevator groups due to optimized  
energy use during low-traffic periods

Note: Comparison of MonoSpace® DX Performance (1000kg, 10-12 floors, 30m travel, 1m/s) with and without energy efficiency options.



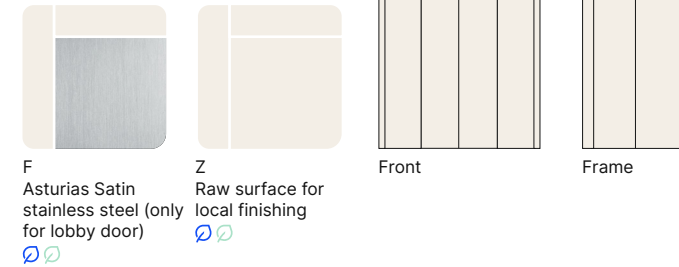
# Design principles



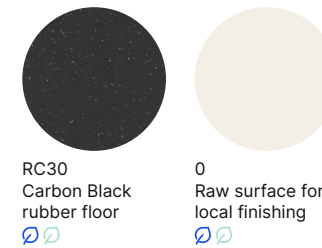
## Walls



## Doors



## Floors



## Landing devices



Note:  
 Nordic Swan Ecolabel  
 LEED/BREEAM

# KONE Digital services



## KONE 24/7 CONNECTED SERVICES

- Provides valuable information on upcoming maintenance needs
- Identifies any potential issues before they cause problems
- Connects your elevators, escalators, and automatic building doors to our cloud-based service
- Artificial intelligence-based analytics make smarter predictive maintenance decisions that take people flow to a whole new level



## KONE ELEVATOR CALL

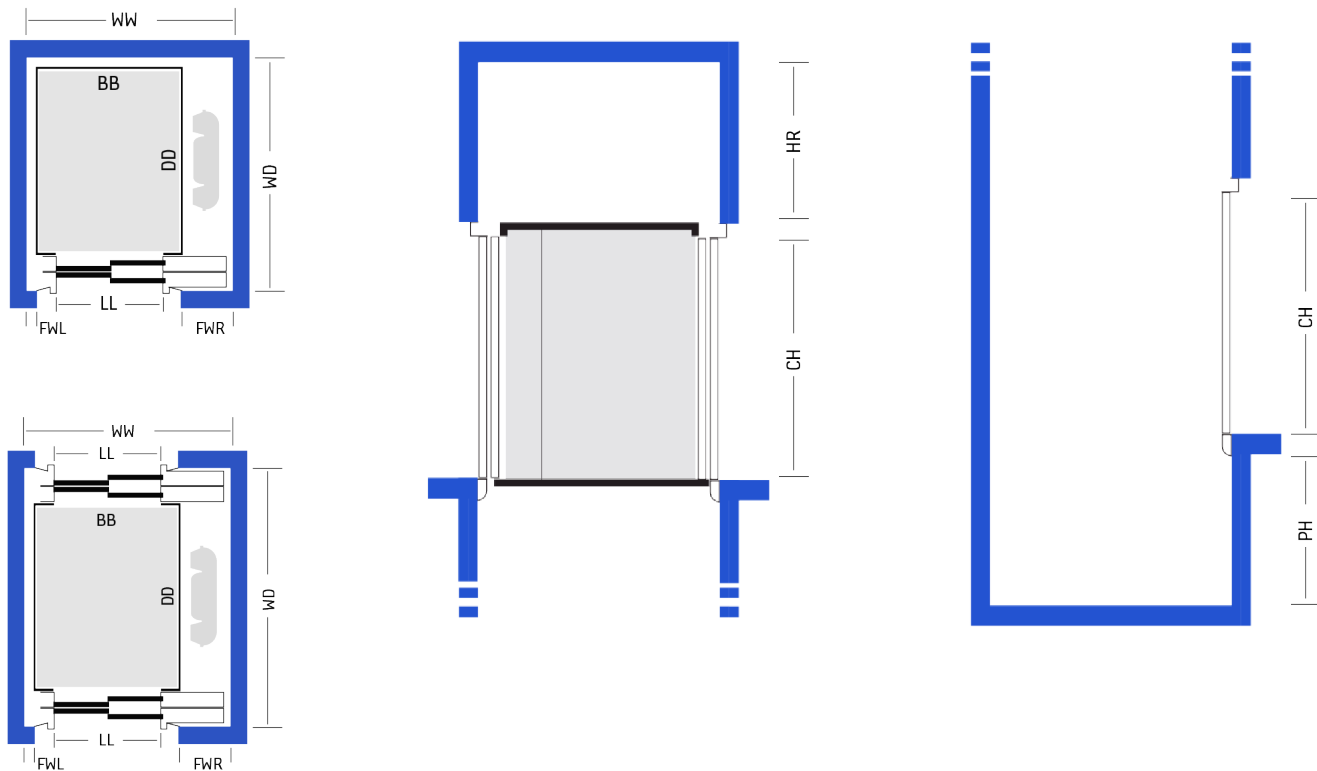
- A cloud-based solution
- Allows the user to call the elevator with their smart phone
- No need to touch elevator buttons



## KONE API'S

- Connects elevators to a whole new suite of solutions and services
- Easier and more convenient life for users

# Technical specifications



Load	Car dimensions (BBxDD)	Car height (CH)	Door width (LL)	Door height (CH)	Shaft dimensions (WWxWD)		Headroom (HR)	Headroom EN81-21 (HR)	Pit (PH)
					Single type car	Through type car			
480 kg	1000×1300	2100, 2200	800	2000, 2100	1500×1640	1500×1830	CH+1300	CH+500	1100
630 kg	1100×1400	2100, 2200	900	2000, 2100	1600×1740	1600×1930	CH+1300	CH+500	1100
1,000 kg	1100×2100	2100, 2200	900	2000, 2100	1600×2440	1600×2630	CH+1300	CH+500	1100

The values indicated are in millimeters.

The values indicated are provided for information only and must be adjusted to the reality of the site.

## General information

Group size	Simplex
Load	480 kg, 630 kg, 1000 kg
Speed	0,63 m/s and 1 m/s
Car dimensions flexibility	Standard car dimensions only
Max. floors	Max 10 floors
Max. travel	30 m (25 m for 1000 kg) 20 m max for speed 0,63 m/s
Car type	Single and through type car
Car height	2100 or 2200 mm

## Doors

Door duty	Low duty
Door opening	Side opening
Door height	2000 or 2100 (100 mm less than car height)
Door width	480 kg car: 800 mm 630 kg and 1000 kg cars: 900 mm
Fire resistance range	E120 EN81-58

## User experience

Connectivity	Native
Signalization	Surface mounted / partial height
Design	Limited collection - no mix and match

## Codes

Main code	EN81-20
Complementary code	EN81-21/EN81-70/EN81-73

## Eco-efficient solutions

Machinery	Gearless
LED ceiling	Included
Standby of car lighting	Included
Standby mode	Optional
Regenerative drive	Optional

## Security options

Alarm phone	KONE Remote Monitoring
Emergency battery	Optional





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 managing the smooth flow of people and goods throughout buildings. This makes us a reliable partner throughout the building life cycle. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE 24/7 Connected Services and KONE UltraRope®. KONE employs over 60,000 dedicated experts to serve you globally and locally.

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