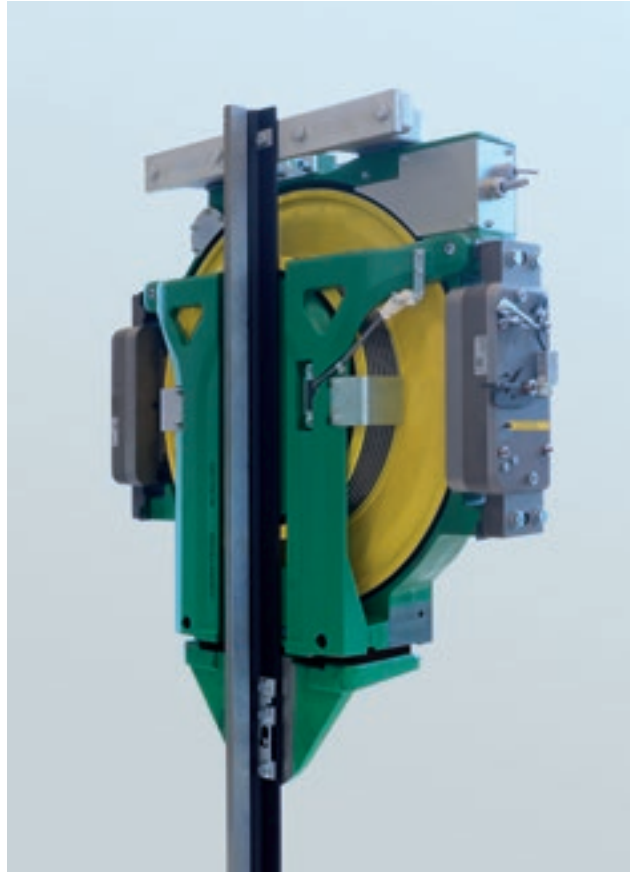


# THE ELEVATOR WITH A COMPACT MACHINE ROOM

The text "KONE E MiniSpace™" is located in the bottom left corner of the image. It is written in a white, sans-serif font and is set against a blue rectangular background. The background of the entire page is a photograph of a modern, multi-story residential building with a light beige facade and dark window frames. The building is surrounded by lush green landscaping, including trees and shrubs, under a clear blue sky. In the foreground, there is a paved area with a white picket fence and some wooden planters.

# ECONOMICAL AND EFFICIENT – KONE E MINISPACE™

The KONE E MiniSpace™ is an economical solution for providing reliable, efficient, and comfortable transport between floors in residential buildings. Part of the KONE MiniSpace family, the KONE E MiniSpace elevator incorporates the core innovations that have made KONE the industry leader in eco-efficient elevator solutions. Clear specifications and a standardized offering make it easy to choose and install the solution that best fits the needs of your building.



The eco-efficient KONE EcoDisc hoisting system

## Pre-designed specifications to match your needs

The KONE E MiniSpace solution is offered with pre-designed options for car size and load. The available options are designed specifically to meet the typical needs of residential environments.

## Save energy with KONE eco-efficient technologies

The KONE E MiniSpace elevator is powered by the energy-efficient KONE EcoDisc® hoisting machine. It is also equipped with standby solutions that switch off the lighting and fan when the elevator is not in use.

## A smooth and quiet ride

The V3F variable-frequency drive ensures a smooth, comfortable ride with an improved acceleration/deceleration profile, better floor-to-floor travel times, and precision leveling.

## Easy installation and maintenance

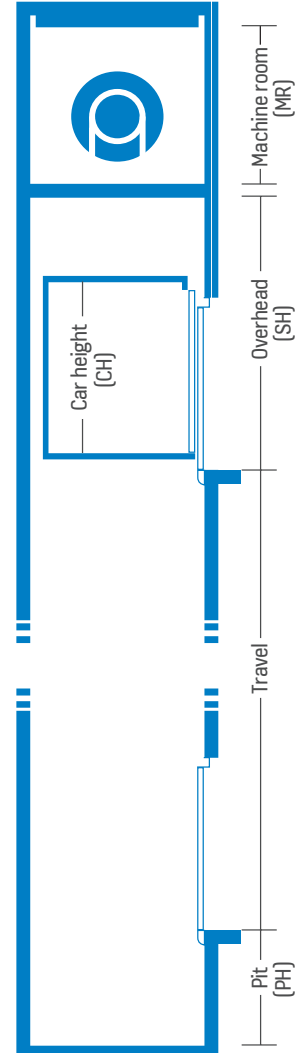
The KONE E MiniSpace has a compact machine room that is simply an extension of the elevator shaft, making installation easier and more efficient. Once the elevator is installed, KONE Care™ maintenance solutions help to keep your equipment running smoothly around the clock. KONE has a broad maintenance service supported by a global spare parts network.

## Certified for safety

All KONE manufacturing units are ISO 14001 certified and meet all elevator industry standards and requirements, including (EN81-1:1998/GB7588).

# KONE E MINISPACE™ PLANNING DATA

| KONE E MINISPACE PLANNING DATA |           |          |             |           |          |       |       |                         |             |
|--------------------------------|-----------|----------|-------------|-----------|----------|-------|-------|-------------------------|-------------|
| PERSONS / LOAD kg              | SPEED m/s | TRAVEL m | CAR SIZE mm | DOOR TYPE | CAR type | LL mm | LR mm | SHAFT SIZE WW X WD (mm) |             |
|                                |           |          |             |           |          |       |       | NOM                     | MAX         |
| 8/630                          | ≤ 2.5     | All TL   | 1100 x 1400 | CO        | SEC      | 800   | 1000  | 1750 x 1900             | 2045 x 2400 |
|                                | ≤ 2.5     | All TL   | 1100 x 1400 | CO        | SEC      | 900   | 1100  | 1950 x 1900             | 2045 x 2400 |
|                                | ≤ 2.5     | All TL   | 1100 x 1400 | SO        | SEC      | 800   | 1000  | 1655 x 2000             | 2045 x 2400 |
|                                | ≤ 2.5     | All TL   | 1100 x 1400 | SO        | SEC      | 900   | 1100  | 1670 x 2000             | 2045 x 2500 |
|                                | ≤ 2.5     | All TL   | 1100 x 1400 | CO        | TTC      | 800   | 1000  | 1750 x 1890             | 2045 x 1890 |
| 10/800                         | ≤ 2.5     | All TL   | 1350 x 1400 | CO        | SEC      | 800   | 1000  | 1905 x 1900             | 2295 x 2470 |
|                                | ≤ 2.5     | All TL   | 1350 x 1400 | CO        | SEC      | 900   | 1100  | 1950 x 1900             | 2295 x 2470 |
|                                | ≤ 2.5     | All TL   | 1350 x 1400 | SO        | SEC      | 800   | 1000  | 1905 x 2000             | 2295 x 2500 |
|                                | ≤ 2.5     | All TL   | 1350 x 1400 | SO        | SEC      | 900   | 1100  | 1920 x 2000             | 2295 x 2500 |
|                                | ≤ 2.5     | All TL   | 1350 x 1400 | CO        | TTC      | 800   | 1000  | 1905 x 1890             | 2295 x 1890 |
|                                | ≤ 2.5     | All TL   | 1250 x 1500 | CO        | SEC      | 800   | 1000  | 1805 x 1950             | 2195 x 2500 |
|                                | ≤ 2.5     | All TL   | 1250 x 1500 | CO        | SEC      | 900   | 1100  | 1950 x 1950             | 2195 x 2500 |
|                                | ≤ 2.5     | All TL   | 1250 x 1500 | SO        | SEC      | 800   | 1000  | 1805 x 2050             | 2195 x 2600 |
|                                | ≤ 2.5     | All TL   | 1250 x 1500 | SO        | SEC      | 900   | 1100  | 1820 x 2050             | 2195 x 2600 |
|                                | ≤ 2.5     | All TL   | 1100 x 1650 | CO        | SEC      | 800   | 1000  | 1750 x 2040             | 2045 x 2640 |
|                                | ≤ 2.5     | All TL   | 1100 x 1650 | CO        | SEC      | 900   | 1100  | 1950 x 2020             | 2045 x 2640 |
|                                | ≤ 2.5     | All TL   | 1100 x 1650 | SO        | SEC      | 800   | 1000  | 1655 x 2130             | 2545 x 2650 |
|                                | ≤ 2.5     | All TL   | 1100 x 1650 | SO        | SEC      | 900   | 1100  | 1670 x 2120             | 2545 x 2650 |
| 13/1000                        | ≤ 2.5     | All TL   | 1600 x 1400 | CO        | SEC      | 900   | 1100  | 2155 x 1910             | 2545 x 2470 |
|                                | ≤ 2.5     | All TL   | 1600 x 1400 | CO        | SEC      | 1000  | 1200  | 2260 x 1910             | 2545 x 2470 |
|                                | ≤ 2.5     | All TL   | 1600 x 1400 | SO        | SEC      | 900   | 1100  | 2195 x 1990             | 2545 x 2500 |
|                                | ≤ 2.5     | All TL   | 1600 x 1400 | SO        | SEC      | 1000  | 1200  | 2210 x 1990             | 2545 x 2500 |
|                                | ≤ 2.5     | All TL   | 1400 x 1600 | CO        | SEC      | 900   | 1100  | 1955 x 2000             | 2345 x 2670 |
|                                | ≤ 2.5     | All TL   | 1400 x 1600 | CO        | SEC      | 1000  | 1200  | 2150 x 2000             | 2345 x 2670 |
|                                | ≤ 2.5     | All TL   | 1400 x 1600 | SO        | SEC      | 900   | 1100  | 1955 x 2100             | 2345 x 2700 |
|                                | ≤ 2.5     | All TL   | 1400 x 1600 | SO        | SEC      | 1000  | 1200  | 1970 x 2100             | 2345 x 2700 |
|                                | ≤ 2.5     | All TL   | 1400 x 1600 | CO        | TTC      | 900   | 1100  | 1955 x 2090             | 2345 x 2090 |
|                                | ≤ 2.5     | All TL   | 1100 x 2100 | CO        | SEC      | 900   | 1100  | 1950 x 2420             | 2200 x 3090 |
|                                | ≤ 2.5     | All TL   | 1100 x 2100 | CO        | SEC      | 1000  | 1200  | 2150 x 2420             | 2200 x 3090 |
|                                | ≤ 2.5     | All TL   | 1100 x 2100 | SO        | SEC      | 900   | 1100  | 1705 x 2520             | 2200 x 3190 |
|                                | ≤ 2.5     | All TL   | 1100 x 2100 | SO        | SEC      | 1000  | 1200  | 1805 x 2520             | 2200 x 3190 |

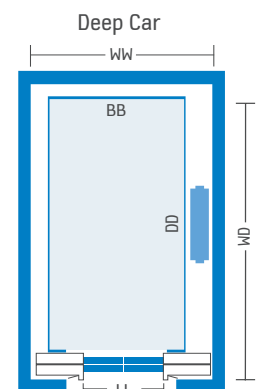
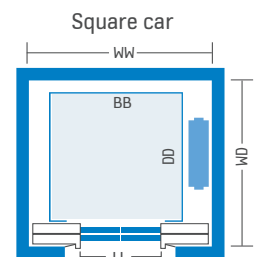


For more detail please refer to technical documentation

|                 |  |
|-----------------|--|
| SPEED           | 1.0, 1.6, 1.75, 2.0, 2.5 m/s   |
| LOAD            | 630, 800, 1000 kg  |
| MAX. STOPS      | 18 (1.0 m/s), 30 (1.6 m/s), 33 (1.75m/s), 38 (2.0/2.5 m/s), 39 (2.5 m/s) |
| MAX. TRAVEL     | 55 (1.0 m/s), 85 (1.6 m/s), 95 (1.75 m/s), 110 (2.0 m/s), 135 (2.5 m/s)  |
| CAR HEIGHT (CH) | 2200, 2300, 2400, 2500, 2600 mm*   |

Note:  
\* For CH2200 integrated ceiling LF10 is not available.

| RATED SPEED (m/s) | PIT HEIGHT PH (mm)        |                          |            | OVERHEAD HEIGHT SH (mm) |
|-------------------|---------------------------|--------------------------|------------|-------------------------|
|                   | BB ≤ 1600 mm & TL ≤ 120 m | BB > 1600 mm & TL ≤ 120m | TL > 120 m |                         |
| 1.0               | 1330                      | 1415                     | 1475       | CH + 1340               |
| 1.6               | 1475                      | 1560                     | 1620       | CH + 1500               |
| 1.75              | 1510                      | 1595                     | 1655       | CH + 1550               |
| 2.0               | 1580                      | 1665                     | 1725       | CH + 1650               |
| 2.5               | 1945                      | 2030                     | 2090       | CH + 1950               |



# FEATURES

## BUILT-IN

|               |   |                |  |
|---------------|---|----------------|--|
| <b>MOP T</b>  | Motor protection, thermistors with automatic reset                | <b>OCV A</b>   | Operation of car ventilation, automatic                                    |
| <b>PDD N</b>  | Phase failure detection   | <b>STM C</b>   | Stopping of the machine, two contacts                                      |
| <b>RDF RC</b> | Recall drive  | <b>STP C</b>   | Starting torque preset, LWD  |
| <b>DTS</b>    | Drive time supervision  | <b>TFC T</b>   | Tacho fault counter, three times   |
| <b>CDL O</b>  | Car door limit switches, separate open limit                      | <b>CPI CO</b>  | Car position indicator in car, dot matrix                                  |
| <b>EMR</b>    | Emergency stop switch on car roof                                 | <b>BLF</b>     | Bypass load function   |
| <b>EMH O</b>  | Emergency stop switch in well, one switch                         | <b>IDP</b>     | Intensive down peak  |
| <b>SGE</b>    | Safety gear contact   | <b>ITP</b>     | Intensive two-way peak   |
| <b>OSG CM</b> | Car overspeed governor in machine room                            | <b>IUP</b>     | Intensive up peak  |
| <b>DOP</b>    | Door opening prevention switch in controller                      | <b>ACL B</b>   | Accurate releveling, automatic both open and closed doors                  |
| <b>TWS C</b>  | Tension weight switch of overspeed governor, car                  | <b>LCD</b>     | Landing calls disconnect   |
| <b>EEC C</b>  | Emergency exit contact in car                                     | <b>PAM C</b>   | Parking at main floor, doors closed  |
| <b>OSS LC</b> | Out of service switch at landing, doors closed, lights off        | <b>LPS VN</b>  | Lift position synchronizing  |
| <b>LCL</b>    | Landing call registered light                                     | <b>CEL S</b>   | Car emergency lighting, separate light                                     |
| <b>CCL</b>    | Car call registered light   | <b>EBS S</b>   | Emergency battery supply with supervision                                  |
| <b>OLF C</b>  | Overload function, constant light                                 | <b>ABE C</b>   | Alarm bell under/top of car  |
| <b>DIA C</b>  | Direction arrows in car   | <b>ISE M</b>   | Emergency intercom   |
| <b>CPI PS</b> | Car position indicator in controller, seven segment               | <b>ISE F</b>   | Five-way intercom system   |
| <b>DZI N</b>  | Door zone indication, no buzzer                                   | <b>DOB OI</b>  | Door open button, normally open contact                                    |
| <b>SCN N</b>  | Start counter, number of starts, not losing data in power failure | <b>DCB I</b>   | Door close button  |
| <b>ASC T</b>  | Ascending car overspeed protection                                | <b>SRC RNC</b> | Safety ray in car, reopen  |
| <b>BFS</b>    | Buffer switch   | <b>BOF</b>     | Buttons to operate car doors for service purposes                          |
| <b>BMV R</b>  | Braking method, resistor braking                                  | <b>ACL C</b>   | Accurate re-leveling, automatic, closed doors                              |
| <b>COD</b>    | Correction drive feature  | <b>SPB BP</b>  | Stuck button supervision, both calls, no service                           |
| <b>UCM T</b>  | Uncontrolled car movement   | <b>CCB</b>     | Car calls backwards  |
| <b>EMP</b>    | Emergency stop switch in control panel                            | <b>CCM A</b>   | Car calls from machine room, all   |
| <b>ADO</b>    | Advance door opening  | <b>CDC</b>     | Car door contact   |
| <b>REO</b>    | Reopen by landing call in elevator group, one time                | <b>SED WSR</b> | Service drive, without limitations, car roof buttons with extra run button |
| <b>LWD E</b>  | Load weighing device, electronic detector                         | <b>LOA MO</b>  | Locking of automatic car doors, mechanical lock                            |
| <b>OCL A</b>  | Operation of car light, automatic                                 |                |  |

## OPTION

|                     |   |                |  |
|---------------------|---|----------------|--|
| <b>EEC S</b>        | Emergency exit contact in shaft   | <b>EPD MCF</b> | Emergency power drive, to main floor, doors closed, full service                                       |
| <b>EMH T</b>        | Emergency stop switch in shaft pit, two switches                        | <b>OCV AF</b>  | Operation of car ventilation, automatic  |
| <b>ABE M</b>        | Alarm at main floor   | <b>ISE N</b>   | Multi-intercom system  |
| <b>QCC</b>          | Quick close from new car call   | <b>NUD L</b>   | Nudging service, by measuring load   |
| <b>DAL GP</b>       | Disturbance alarm, general, potential free                              | <b>FCC C</b>   | False car call cancel, by counting stops   |
| <b>LIL AM</b>       | Lift link, alarm, mode signals  | <b>LCC</b>     | Landing call cross coupling, time dependent  |
| <b>LIL AMB</b>      | Lift link, alarm, position binary                                       | <b>OCL AF</b>  | Operation of car light, automatic  |
| <b>TSD ES</b>       | Traffic supervision display, with LEDs, in supervision room             | <b>CLS O</b>   | Car light supervision, parking doors open  |
| <b>CTV I</b>        | Camera in the car, interface only                                       | <b>ATS C</b>   | Attendant service, using car call buttons as indicators  |
| <b>FCC R</b>        | Two touch car call cancel   | <b>OSS COI</b> | Out of service switch in car, doors open, lights on, indication car roof buttons with extra run button |
| <b>KONE E-LINK™</b> | Elevator monitoring and command system                                  | <b>ACU F</b>   | Lift announcer   |
| <b>CRM D/DV</b>     | KONE China Remote Monitoring, data transmission and voice alarm service | <b>THD L</b>   | Total harmonic distortion filtering for non MLB drive  |
| <b>DIT LNP</b>      | LAN cable inside travelling cable                                       | <b>EPS S</b>   | Emergency power sequencer, separate  |
| <b>DIT OFS</b>      | Optical fiber inside travelling cable                                   | <b>BMV MU</b>  | Braking method, modulated line braking, resistor braking under special use                             |
| <b>FEB S</b>        | Basement floor extension, separate buttons                              | <b>ACL B</b>   | Accurate releveling, automatic, both open and closed doors   |
| <b>FET S</b>        | Top floor extension, separate buttons                                   | <b>LSC P</b>   | Provision for loudspeaker in car   |
| <b>PAD C</b>        | Parking at pre-defined floor, doors closed                              | <b>LOC E</b>   | Locking of car calls   |
| <b>FID SO</b>       | Fire detection, manual switch, doors open                               | <b>LOL E</b>   | Locking of landing calls   |
| <b>FRD</b>          | Fireman's drive   | <b>FRE</b>     | Fast recall  |
| <b>FID AO</b>       | Fire detection, whole building, alternative return floor, doors open    | <b>FPO A</b>   | Full collective pee off, automatic   |
| <b>EBD A</b>        | Emergency battery drive, automatic                                      |                |  |

Remark: Contact our KONE sales person for details.

# VISUAL OPTIONS

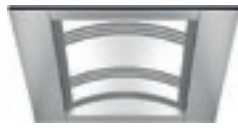
## Cost-effective design

With a selection of design components and materials to choose from, the KONE E MiniSpace offers a cost-effective way to create a visually appealing elevator experience for the tenants in your building.

## CEILING



**LF10**  
Lighting: T5 fluorescent tubes  
Finishing: ST43 Silver brushed st st  
PP10 White painted RAL9010



**LF12**  
Lighting: T5 fluorescent tubes  
Finishing: ST43 Silver brushed st st



**CL70**  
Lighting: T5 fluorescent tubes  
Finishing: ST43 Silver brushed st st



**CL71**  
Lighting: T5 fluorescent tubes  
Finishing: PP10 White painted RAL9010  
ST43 Silver brushed st st



**CL80**  
Lighting: Led spot  
Finishing: PP10 White painted RAL9010  
ST4 Silver brushed st st  
MP1 Silver mirror polished st st



**CL88**  
Lighting: LED spot  
Finishing: ST43 Silver brushed st st



**CL91**  
Lighting: T5 fluorescent tubes  
Finishing: PP10 White painted RAL9010  
ST43 Silver brushed st st



**CL95**  
Lighting: T5 fluorescent tubes  
Finishing: PP10 White painted RAL9010  
ST43 Silver brushed st st



**CL103**  
Lighting: T5 fluorescent tubes  
Finishing: PP10 White painted RAL9010  
ST43 Silver brushed st st

**Note:**  
Mirror is available in partial height/mid-width size, on rear wall only. Mirror can only be selected together with a handrail.



**KONE E MiniSpace**  
Ceiling: CL 103  
Wall: Fresh Green (PP22) painted steel  
Floor: Rocky Gray (D25) PVC  
Handrail: HR31

## SIGNALIZATION

### Car operating panel (COP)



**KDS 50**  
Full height



**KSC 296**  
Full height

Handicap car operating panel



Keypad handicap car operating panel



Landing call station (LCI)



**KDS 50**  
Simplex



**KDS 50**  
Duplex



**KSL 281**  
Simplex



**KSL 281**  
Duplex

## HANDRAILS



**HR31**  
Round aluminium tube with black plastic end caps



**HR34**  
Round curved aluminium tube with black plastic end caps



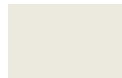
**HR61**  
Round silver brushed



**HR24R**  
Curved ends silver brushed

## CAR WALL AND DOOR MATERIALS

### Painted steel



**PP10**  
Pure White



**PP18**  
Linen Brown



**PP20**  
Wool Gray



**PP22**  
Fresh Green

### Metallic panted steel



**METP1**  
Champagne



**METP2**  
Cosmo Red

### Stainless steel



**ST4/ST43**  
Silver brushed

## FLOORING

### PVC



**D-6**  
Light Brown



**D24**  
Moon White



**D25**  
Rocky Gray



**D26**  
Lava Stone



**D27**  
Saturn Brown



**D29**  
Mars Red



**D30**  
Galaxy



**D31**  
Bamboo

### Patterned PVC



**DG01**  
Browny



**DG02**  
Chessboard



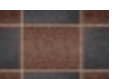
**DG03**  
Puzzle Soft



**DG04**  
Puzzle Bright



**DG05**  
Legno



**DG06**  
Blusher

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 NanoSpace™ and KONE UltraRope®.

KONE employs close to 52,000 dedicated experts to serve you globally and locally.

## KONE CORPORATION

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