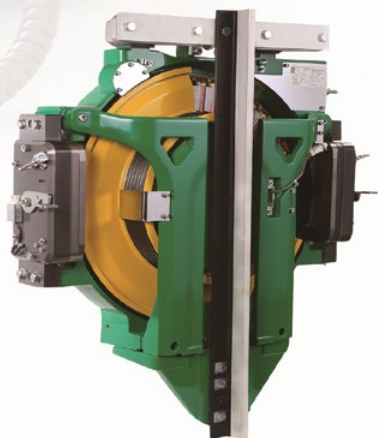




THE MACHINE-ROOM-LESS ELEVATOR FOR VILLA



FIVE REASONS TO CHOOSE KONE MONOSPACE HOME



1 GREATER SAFETY & RELIABILITY

The fourth-generation KONE EcoDisc® motor is safer, more reliable, and more durable than its predecessors. Its compact design occupies less space, while its unique installation position makes maintenance and repair easier.

2 EXCELLENT ECO-EFFICIENCY

The highly efficient drive system delivers exceptional energy savings. Its unique construction makes the motor twice as energy efficient as traditional asynchronous motors and reduces energy loss by over 10% compared with previous-generation KONE motors.



3

SUPERB RIDE COMFORT

KONE's proprietary control system ensures a smooth and quiet ride, creating an unrivalled experience.

4

OPTIMIZED FOR HOME INSTALLATION

We offer installation dimensions optimized for homes of different heights to ensure the perfect fit.

5

STANDARDS COMPLIANT

Conforms with all the elevator standards and requirements of GB/T 21739-2008.

If your elevator is required to comply with GB7588-2003 standards, please contact your local KONE sales representative.





1 SAFETY

Emergency power backup

Provides backup power in case of outages.

KONE remote monitoring

Increases safety and peace of mind with 24/7 monitoring.

Curtain of light

Prevents injury by sensing if a person or object is in the way of closing doors.

2 ACCESSIBILITY

Delayed door opening

Gives more time to enter and exit for those with limited mobility.

Cancel by double tapping

Allows incorrect floor requests to be cancelled.

Accurate leveling

Increases safety by helping to prevent trips or falls.

3 DESIGN

Six car design themes

Choose from six functional and visually appealing designs tailored for private homes.

Flexible combination

Create a customized look and feel that matches your home's interior design by mixing and matching materials and accessories.

4 RESPONSIVE SERVICE

Fast and easy installation

Get started quicker with our global elevator installation expertise.

Customized maintenance

Reduce downtime with a tailored maintenance plan that includes quick response times to ensure user safety.

ESSENCE

Modern, simple colors provide users with a pleasant visual experience.



21019

CEILING

CL72
Black (PP05FT) powder coated steel,
Lighting: LED tubes

WALLS

White (PP10FT) powder coated steel

FLOOR

Rocky Gray (D25) PVC

SIGNALIZATION

Face plate: Silver brushed stainless steel finishing
Display: 5.7 inch STN LCD
Button: Tempered glass button, round surface

MIRROR AND HANDRAIL

Optional



21020

CEILING

CL72
Silver (ST4) brushed stainless steel
Lighting: LED tubes

WALLS

Silver (ST4) brushed stainless steel

FLOOR

Rocky Gray (D25) PVC

SIGNALIZATION

Face plate: Silver brushed stainless steel finishing
Display: 5.7 inch STN LCD
Button: Tempered glass button, round surface

MIRROR AND HANDRAIL

Optional

HARMONY

Cozy, warm-colored wood grain matches perfectly with wood furniture.



22021

CEILING

CL80
White (PP10FT) powder coated steel, fine textured finishing (RAL9010)
Lighting: LED spots

WALLS

Sand Oak (L89) wood pattern laminate

FLOOR

Light Sand (M7R) artificial stone

SIGNALIZATION

Face plate: Silver brushed stainless steel finishing
Display: 5.7 inch STN LCD
Button: Tempered glass button, round surface

MIRROR AND HANDRAIL

Optional



22022

CEILING

CL80
White (PP10FT) powder coated steel, fine textured finishing (RAL9010)
Lighting: LED spots

WALLS

Cherry (L90) wood pattern laminate

FLOOR

Gray Black (G4R) real stone

SIGNALIZATION

Face plate: Silver brushed stainless steel finishing
Display: 5.7 inch STN LCD
Button: Tempered glass button, round surface

MIRROR AND HANDRAIL

Optional

FORTUNE

Luxury material options for the back wall help to create a space that exudes quality.



23025

CEILING

CL198
Middle part: White (PP10FT) powder coated steel, fine textured finishing (RAL9010)
Frame: Silver (ST4) brushed stainless steel
Lighting: LED tubes, LED spots

WALLS

Left and right walls: Colorado White (L91) wood pattern laminate
Center panel: Silver Bamboo (ST39SB) etched stainless steel

FLOOR

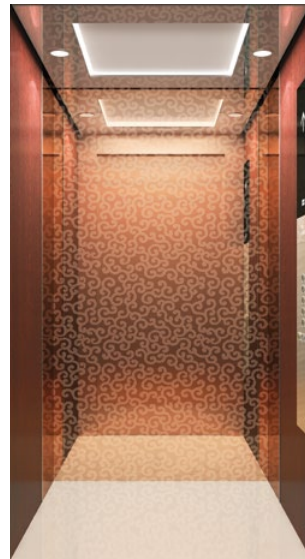
Light Sand (M7R) artificial stone

SIGNALIZATION

Face plate: Silver mirror polished stainless steel finishing
Display: 9 inch STN LCD
Button: Tempered glass button, round surface

MIRROR AND HANDRAIL

Optional



23026

CEILING

CL198
Middle part: White (PP10FT) powder coated steel, fine textured finishing (RAL9010)
Silver (MP1) mirror polished stainless steel
Lighting: LED tubes, LED spots

WALLS

Left and right walls: Cherry (L90) wood pattern laminate
Center panel: Rose Golden Curve (ST33C) etched stainless steel

FLOOR

Light Sand (M7R) artificial stone

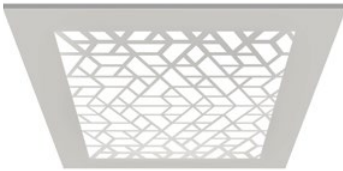
SIGNALIZATION

Face plate: Silver mirror polished stainless steel finishing
Display: 9 inch STN LCD
Button: Tempered glass button, round surface

MIRROR AND HANDRAIL

Optional

CEILING



CL72

Lighting: LED tubes
 Finishing: PP10FT White powder coated steel, fine textured finishing (RAL9010)
 PP05FT Black powder coated steel, fine textured finishing (RAL9005)
 ST4 Silver brushed stainless steel



CL80

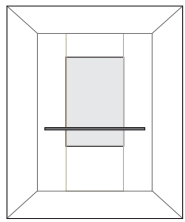
Lighting: LED spots
 Finishing: PP10FT White, powder coated steel, fine textured finishing (RAL9010)
 ST4 Silver brushed stainless steel
 MP1 Silver mirror polished stainless steel



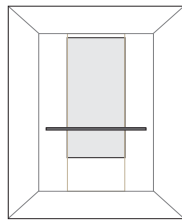
CL198

Lighting: LED tubes, LED spot
 Finishing: PP10FT White powder coated steel, fine textured finishing (RAL9010)
 Middle part: PP10FT White powder coated steel, fine textured finishing (RAL9010)
 Frame: ST4 Silver brushed stainless steel
 MP1 Silver mirror polished stainless steel

MIRRORS



MR1
 Partial width, partial height



MR1
 Partial width, medium height

HANDRAILS



HR61
 Round silver brushed



HR71
 Round
 Light Wood with brushed stainless steel fixings (WLF)



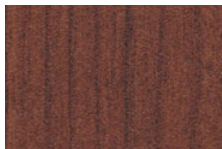
HR71
 Round
 Dark Wood with brushed stainless steel fixings (WDF)

WALL MATERIALS

Wood pattern laminate



L89
 Sand Oak



L90
 Cherry



L91
 Colorado White

Brushed stainless steel

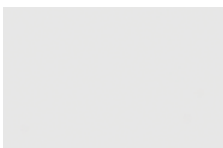


ST4
 Silver



ST3
 Rose Golden

Powder coated steel



PP10FT
 White



MP1*
 Silver



MP3*
 Rose Golden

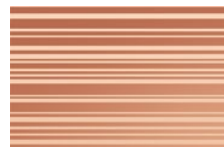
Etched stainless steel



ST39SB
 Silver Bamboo



ST33S
 Silver Curve



ST39CB
 Rose Golden Bamboo

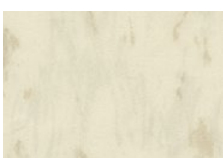


ST33G
 Rose Golden Curve

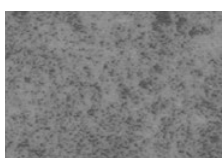
*PP10FT, ST4/ST43, ST3, MP1 also available for car door and landing door

FLOOR MATERIALS

PVC

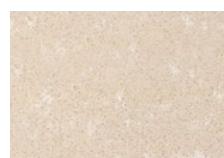


D24
 Moon White



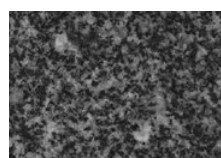
D25
 Rocky Gray

Artificial stone



M7R
 Light Sand

Real stone



G4R
 Gray Black

SIGNALIZATION

KDS330 PARTIAL HEIGHT CAR OPERATING PANEL



Standard

Touchscreen

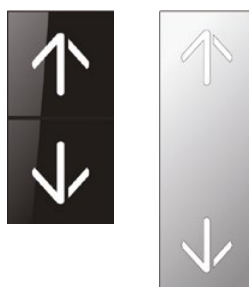
Flush mounted on side wall
Consult local sales for touchscreen COP



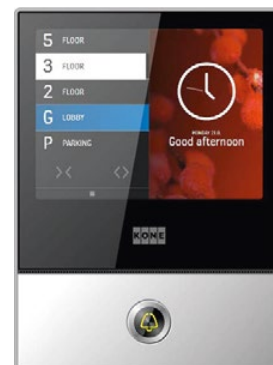
LANDING CALL STATION



HALL LANTERN



TOUCHSCREEN COP



PLANNING GUIDE

PRODUCT RANGE

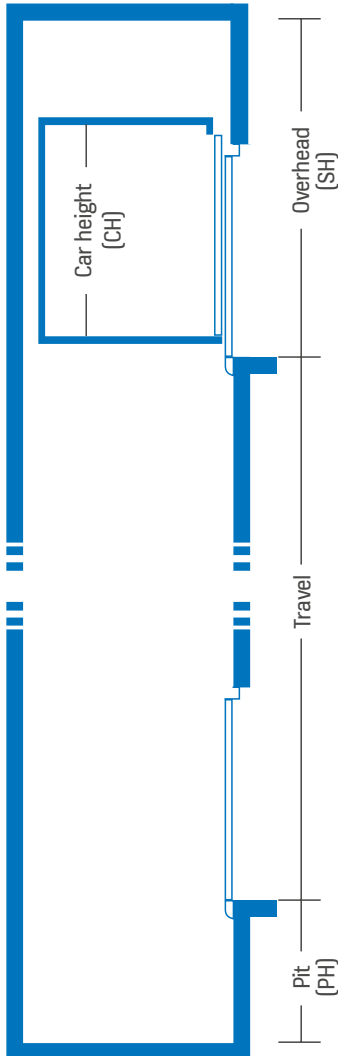
Load: 250/320/400 kg

Max. travel: 18 m

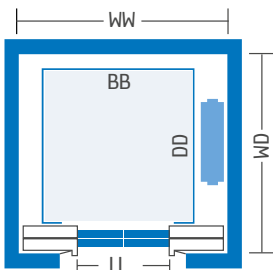
Max. stops: 5

Speed: 0.4 m/s

Power supply: 380 V



PERSONS/RATED LOAD (kg)	CAR SIZE BB x DD (mm)	DOOR TYPE	CAR TYPE	LL (mm)	SHAFT WW x WD (mm)
03/250	800 x 900	SO	SEC	700	1350 x 1300
04/320	900 x 1000	CO	SEC	700	1550 x 1380
		CO	SEC	800	1750 x 1380
		SO	SEC	700	1450 x 1450
		SO	SEC	800	1500 x 1450
		SO	TTC	700	1530 x 1450
		SO	TTC	800	1680 x 1560
04/320	900 x 1200	CO	SEC	700	1550 x 1480
		CO	SEC	800	1750 x 1480
		SO	SEC	700	1450 x 1550
		SO	SEC	800	1500 x 1550
		SO	TTC	700	1530 x 1760
		SO	TTC	800	1680 x 1760
05/400	950 x 1100	CO	SEC	800	1750 x 1430
		SO	SEC	800	1500 x 1500
		SO	TTC	800	1680 x 1660
05/400	1000 x 1250	CO	SEC	800	1750 x 1530
		SO	SEC	800	1550 x 1600
		SO	TTC	800	1680 x 1810



Speed (m/s)	0.4
Car Height CH (mm)	2100/2200/2300
Door Height HH (mm)	2000/2100
Overhead SH (mm)	CH + 700
Pit PH (mm)	450
Maximum overhead SH (mm)	5000
Maximum pit PH (mm)	1150

Please consult local KONE sales representatives for details

FEATURES

BUILT-IN

SAFETY

Rescue and failure detection operations

ASC T	Ascending car overspeed protection
GOD	Correction drive
DTS	Drive time supervision
DZI N	Door zone indication, no buzzer
EEC C	Emergency exit contact in car
MOP T	Motor protection
PDD N	Phase failure detection
RDF CN	Recall drive feature
UCM T	Unintended car movement protection
CBS	Car roof blocking device switch
CRM DV	KONE China remote monitoring

Operation during stand-by power and recovery from power failure

CEL S	Car emergency lighting, separate light
EBS S	Emergency battery supply
LPS VN	Elevator position synchronizing, at terminal floors keeping position at power failure, nominal speed

Means of emergency communication

ABE C	Alarm bell under / top of car
ISE M	Emergency intercom
ISE F EAP	Five-way intercom system

Other safety features and maintenance

BOF	Buttons to operate car doors for service purposes
CCM A	Car calls from machine room, all
CDC	Car door contact
CDL O	Car door limit switches, separate open limit
DOP	Door opening prevention switch in controller
EMH O	Emergency stop switch in well, one switch
EMP	Emergency stop switch in control panel
EMR	Emergency stop switch on car roof
LCD	Landing calls disconnect
SED WSR	Service drive, without limitations, car roof buttons with extra run button
SGE	Safety gear contact
TWS	Tension weight switch of overspeed governor, car
OSG CS	Car overspeed is supervised, in elevator shaft
OST T	Overspeed governor test

PASSENGER COMFORT

Traffic boosting

ACL B	Accurate re-leveling, automatic, doors open or closed
ACL C	Accurate re-level, automatic, closed doors
ADO	Advance door opening
DCB I	Door close button with indicator
DOB OI	Door open button with indicator
REO	Reopen by landing call in elevator group, one time
SRC RNC	Safety ray in car, reopen
NUD L	Nudging service, by measuring load
QCC	Quick close from new car call

PASSENGER COMFORT

Protection against inconvenience caused by misuse

CCB	Car calls backwards
SPB	Stuck push button supervision
FCC C	False car call cancel, by counting stops
LCC	Landing call cross coupling, time dependent

Travelling comfort

LWD E	Load weighing device, electronic detector
OCLA	Operation of car light, automatic
OCV A	Operation of car ventilation, automatic
CLS	Car light supervision

INFORMATION

Information in elevator hall

LCL	Landing call registered light
CPI EO	Car position indicator at entrance floor, dot matrix
CPI LO	Car position indicator at landing, dot matrix

Information in elevator car

CCL	Car call registered light
CPI CO	Car position indicator in car, dot matrix
DIA C	Direction arrows in car
OLF C	Overload function, constant light

Information in the control panel

CPI PS	Car position indicator in controller, seven segment
SCN N	Start counter, number of starts, not losing data in power failure

CONTROL

Adaptation to building

CLFC	Car light fuse and car light main switch location, in control panel
FCS L	Failure current switch
MAF C	Main fuses, control panel
MAS C	Main Switch in control panel

Priority services and service modes for special use

OSS LC	Out of service switch at landing, doors closed, lights off
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Parking of free cars

PAM C	Parking at main floor, doors closed
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Real-time adaptation to prevailing traffic

BLF	Bypass load function
IDP	Intensive down peak
ITP	Intensive two-way peak
IUP	Intensive up peak

Rescue and failure detection operations

LOA MO	Locking of Automatic Door, Mechanical Lock, Emergency opening device
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OPTION

SAFETY

Rescue and failure detection operations

BMV MU	Braking method of drive
EBD A	Emergency battery drive, automatic
EEC S	Emergency exit contact in shaft

Precautions for special emergencies

FID AO	Fire detection, whole building, alternative return floor, doors open
FID BO	Fire detection, whole building, doors open
FID SO	Fire detection, manual switch, doors open
FRD	Fireman's drive
LSH A	Low smoke installation in shaft, shaft and car wirings completely
WSC O	Water sensor contact

Operation during stand-by power and recovery from power failure

EPD MCF	Emergency power drive, to main floor, doors closed, full service
EPS S	Emergency power sequencer, separate

Means of emergency communication

ABE M	Alarm bell at main floor
ISE	Emergency intercom car - machine room - control room

Other safety features and maintenance

EMH T	Two emergency stop switches
SHL C	Shaft light, switch and fuse in controller, switch in pit

PASSENGER COMFORT

Protection against inconvenience caused by misuse

FCC R	Two touch car call cancel
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Means of emergency communication

TEL N	Telephone, network
LSC P	Provision for loudspeaker in car
OCL AF	Operation of car light, automatic, switch to turn off
OCV AF	Operation of car ventilation, automatic, switch to turn off

CONTROL

Real-time adaptation to prevailing traffic

GOC ET	Acoustic device for arrival, on car
ACU F	Elevator announcer
CRB C	Car call registered buzzer (not in global version)
DAL GP	Disturbance alarm, general, potential free
LIL AM	Elevator link, alarm, mode signals
LIL AMB	Elevator link, alarm, position binary
CTV I	CCTV camera in the car, interface only

CONTROL

Adaptation to building

CIC	Corridor illumination control
SBM F	Stand-by mode in control panel, drive system and signalization, full voltage switching control
FEB S	Floor extension, basement, separate set of buttons at landings
FET S	Floor extension, top floor, separate set of buttons at landings
THD L	THD Filtering for non MLB drive

Priority services and service modes for special use

ATS C	Attendant service, using car call buttons as indicators
PRL LA/LO	Priority at landing, low priority, all car calls / one car call
PRC K	Priority call in car, continuous
DOE B	Door open extended button
OSS CDI	Out of service switch in car, doors open, lights off, indication
OSS COI	Out of service switch in car, doors open, lights on, indication

Parking of free cars

PAD C	Parking at pre-defined floor, doors closed
PAS C	Parking at secondary floor, doors closed

SECURITY

Anti-burglary

FRE	Fast recall
LOC E	Locking of car calls
LOL E	Locking of landing calls
LOC O	Locking of car calls, reopen devices operate normally
LOL O	Locking of landing calls, reopen devices operate normally
DIT LNP	LAN cable inside travelling cable
DIT OFS	Optical fibre inside travelling cable
DIT LNS	Twisted pair cable reserved in travelling cable for digital convert

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 life cycle of buildings. 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 over 55,000 dedicated experts to serve you globally and locally.

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