

A modern, multi-story interior space featuring a glass-enclosed elevator shaft. The space includes a dining table with white chairs, a kitchen area with orange accents, and a mezzanine level with a glass railing and bookshelves. Large indoor plants are placed throughout the space. The floor is made of large, light-colored tiles. A black text box is overlaid on the left side of the image.

enta villa

Elegant travel
at home

ABOUT TK ELEVATOR

We are elevator people. Striving to move the world. Known for a passion for technology with service at the heart at our business.

Over the past decades, TK Elevator has established itself as one of the world's leading elevator companies and became independent after its sale by thyssenkrupp AG in August 2020. To our customers in over 100 countries we provide an extensive service network that guarantees close proximity, with over 1,000 locations and more than 50,000 employees.

TK Elevator's most important business line is our manufacturer-independent service for mobility solutions represented by over 25,000 service technicians.

Our new installation product portfolio ranges from commodity elevators for residential and commercial buildings to cutting-edge, highly customised solutions for state-of-the-art skyscrapers. What's more, it also consists of escalators and moving walks, passenger boarding bridges, stair and platform lifts. Integrated cloud-based service solutions, such as the MAX platform, are gaining in importance. These digital offerings mean there are no longer any limits to urban mobility.



>50,000
employees

~1,000
sales- and
service
locations

Customers in
>100
countries

Sales of
€9.3 billion



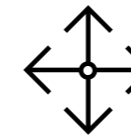
enta villa Elegant travel at home

Compact and space saving, enta villa is a home elevator perfect for multi-floor houses and villas. It includes a wide range of premium features found in commercial building applications and combines precision German engineering with clever space utilization, efficiency, comfort and style.



Designed for ideal home

German precision engineering combines comfort and safety.



Versatile technology maximizes space

Compact and efficient for more room and harmonious living.



Provides a stylish experience

Sleek, modern car designs match with the latest interior trends.

DESIGNED FOR

- multi-floor houses and villas

SPECIFICATIONS

- Max. travel height: 18m (Concrete shaft)
- Max. travel height: 9m (Aluminium frame)
- Max. number of floors: 6 (Concrete shaft)
- Max. number of floors: 4 (Aluminium frame)
- Rated load: 320-400kg
- Rated speed: 0.4m/s
- Power supply: Single phase, AC 220V



Designed for ideal home

Market-leading innovations and German precision engineering add value to your home. Every enta villa combines comfort and safety with luxurious living.

Simple sophistication

enta villa is made to fit seamlessly into your home. It takes up less space by not needing an extra room for elevator machinery and it even runs on your normal domestic single phase electricity supply, using about as much power as a washing machine. So no complex wiring is needed - and it saves energy too.



Strict design criteria

Designed, tested and manufactured to TK Elevator's stringent standards. These are higher than those for typical residential applications - for family safety with style.



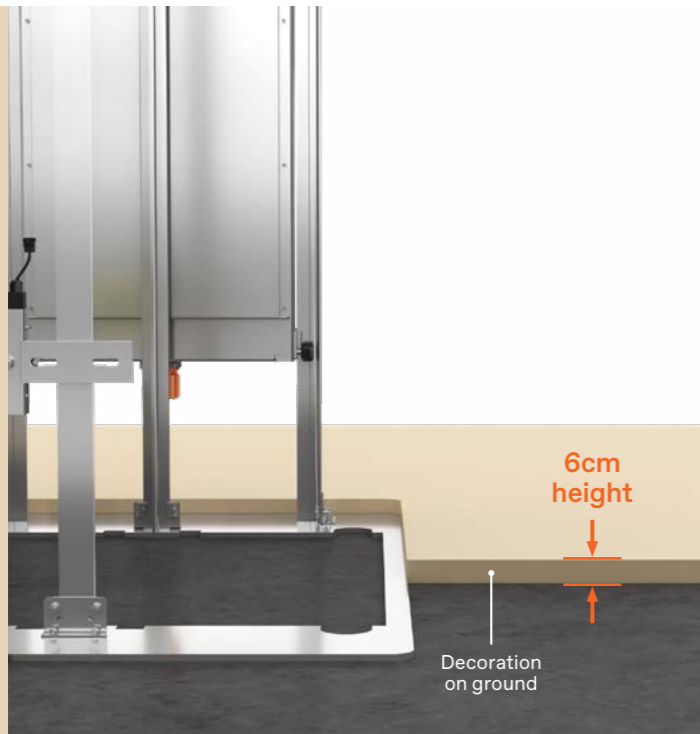
Family safety foremost

ARD (Automatic Rescue Device) activates if there's a power cut in your home and sends the elevator to the nearest floor to release passengers straight away, totally stress free.

Passengers can initiate an immediate call for assistance by pressing the emergency call button. This action activates an automatic system that connects them to the appropriate emergency services.

Versatile technology maximizes space

By using many advanced features common to our commercial passenger elevators, enta villa will move you around your home with quiet efficiency.



Low-pit design

The minimum pit requirement* of 6cm ensures that the elevator entrance will be level with your home's floor finishes.

This also means little or no digging and faster, simple installation.

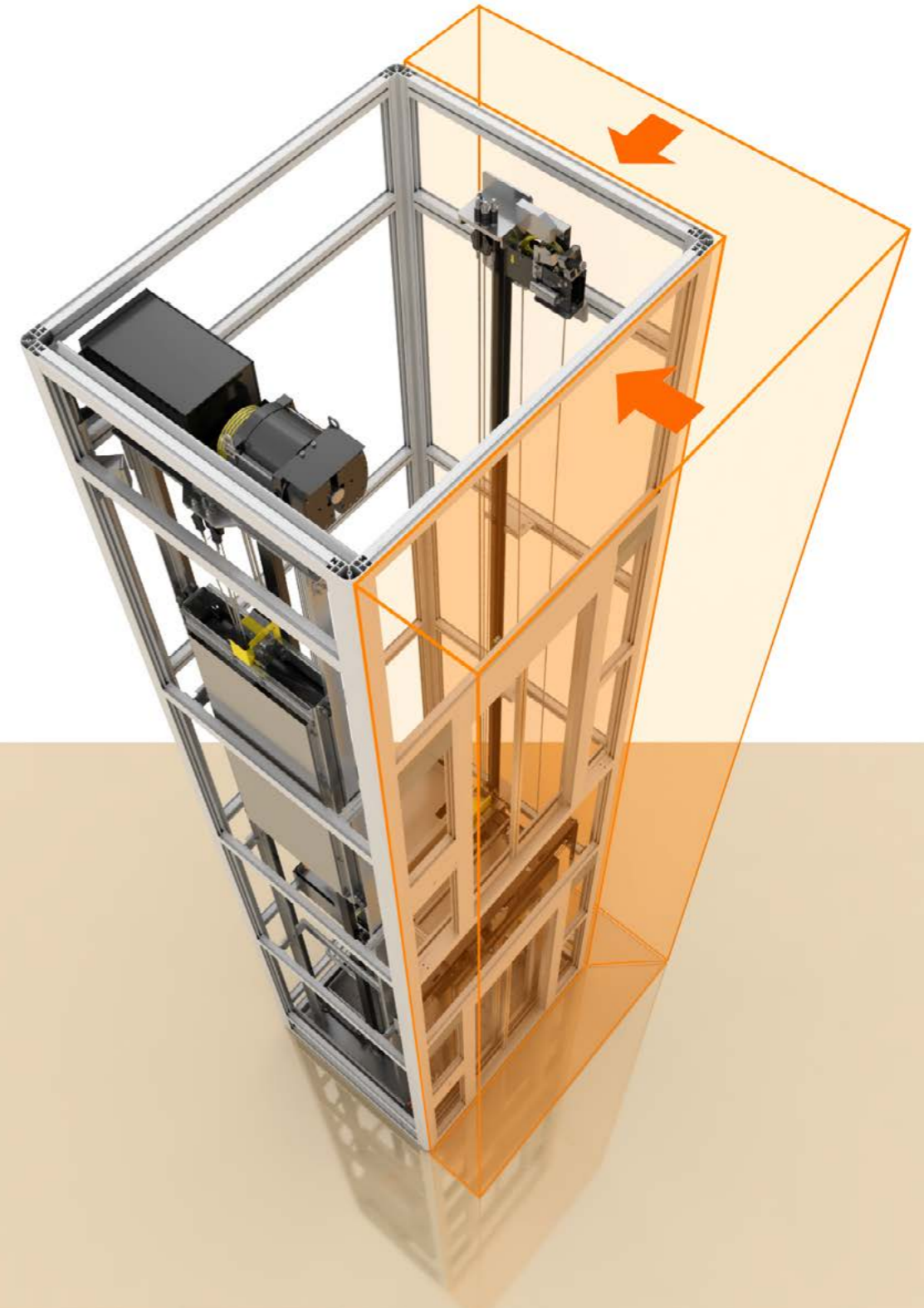
Durable and comfortable

Just like our commercial elevators, enta villa uses counterweights and cars with solid guide rails and roller guide shoes to ensure smooth and quiet travel. Their oil free operation avoids the grease and dirt traps of traditional lubrication to keep your home clean and tidy.



Small shaft, more space

Efficient space utilization in the shaft releases more household space.



Hassle-free and easy installation



Aluminium frame

Installing an elevator at home is not as complicated as you think. With our elegant engineering, the new aluminium frame is easy to install, allowing placement of the elevator to be adapted to your needs. It dispenses with the requirement to build a concrete walled shaft and no civil work is needed, all of which saves time and cost. Giving you more flexibility in designing your home space.

Original design by TKE, available as an option for enta villa with four different colour options.

Automatic hinged door



Elegant transparency

enta villa features a glass-door design that seamlessly blends with interior decor, offering high-end visual appeal that can subtly match any number of styles.

Comprehensive safety certification

Equipped with safety glass and locks compliant with international standards, enta villa automatic hinged doors have high impact resistance and fall protection ratings that ensure a safe ride for passengers.

Stable and accurate leveling

Its intelligent leveling system uses dual sensors and magnetic strips for precise coordination, ensuring smooth and accurate stops with no swaying or jerking.

Provides a stylish experience

A range of trend-based cabin interiors and fixtures to match every home style.

Designs to match your home

Complement your home's interior design with enta villa's range of various stylish cabins, each one designed to emphasize your commitment to style. We offer a range of quality finishes for a premium look. Plus a wide range of fixtures to complete your elevator in harmony with your home.

Harmonious lighting

Soft lighting creates a relaxed and pleasant atmosphere, while maintaining a comfortable color temperature below 4000K - ideal for the cozy, soft and ambient glow that suits home applications best.



STYLISH

Stylish interior design with a touch of luxury.



OL-2V

Ceiling
S2-C2

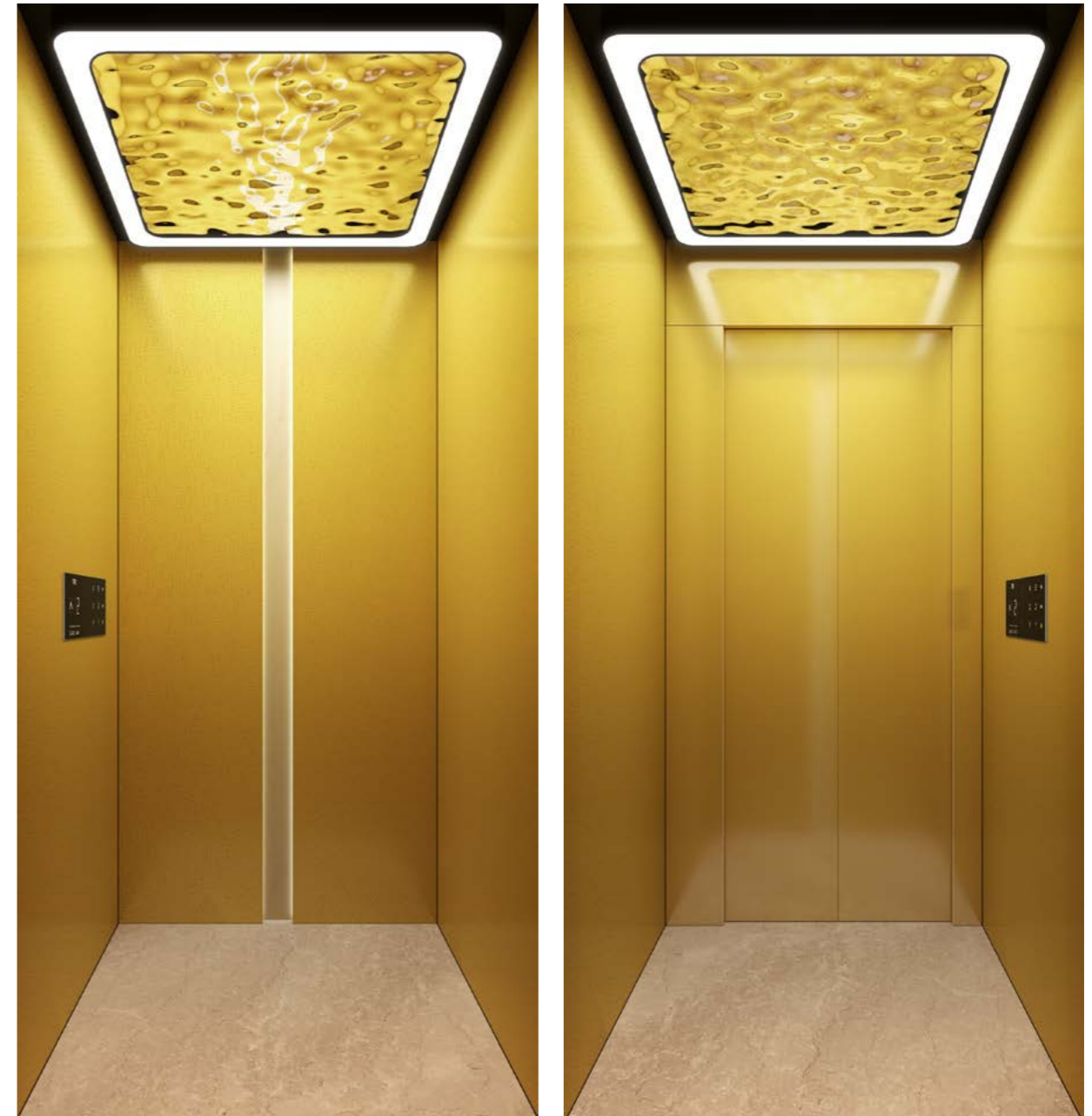
Rear wall
Mirror finish stainless steel with titanium gold coating P036

Side wall
Mirror finish stainless steel with titanium gold coating P036
+ Film on metal - white marble pattern FS01

Front wall
Vibratory finish stainless steel with titanium gold coating

Car door / Landing door
Vibratory finish stainless steel with titanium gold coating

Floor
Baroque (PVC)



OL-1V

Ceiling
S1-C5

Rear wall
Powder coating RAL1004 with white primer ice pattern

Side wall
Powder coating RAL1004 with white primer ice pattern

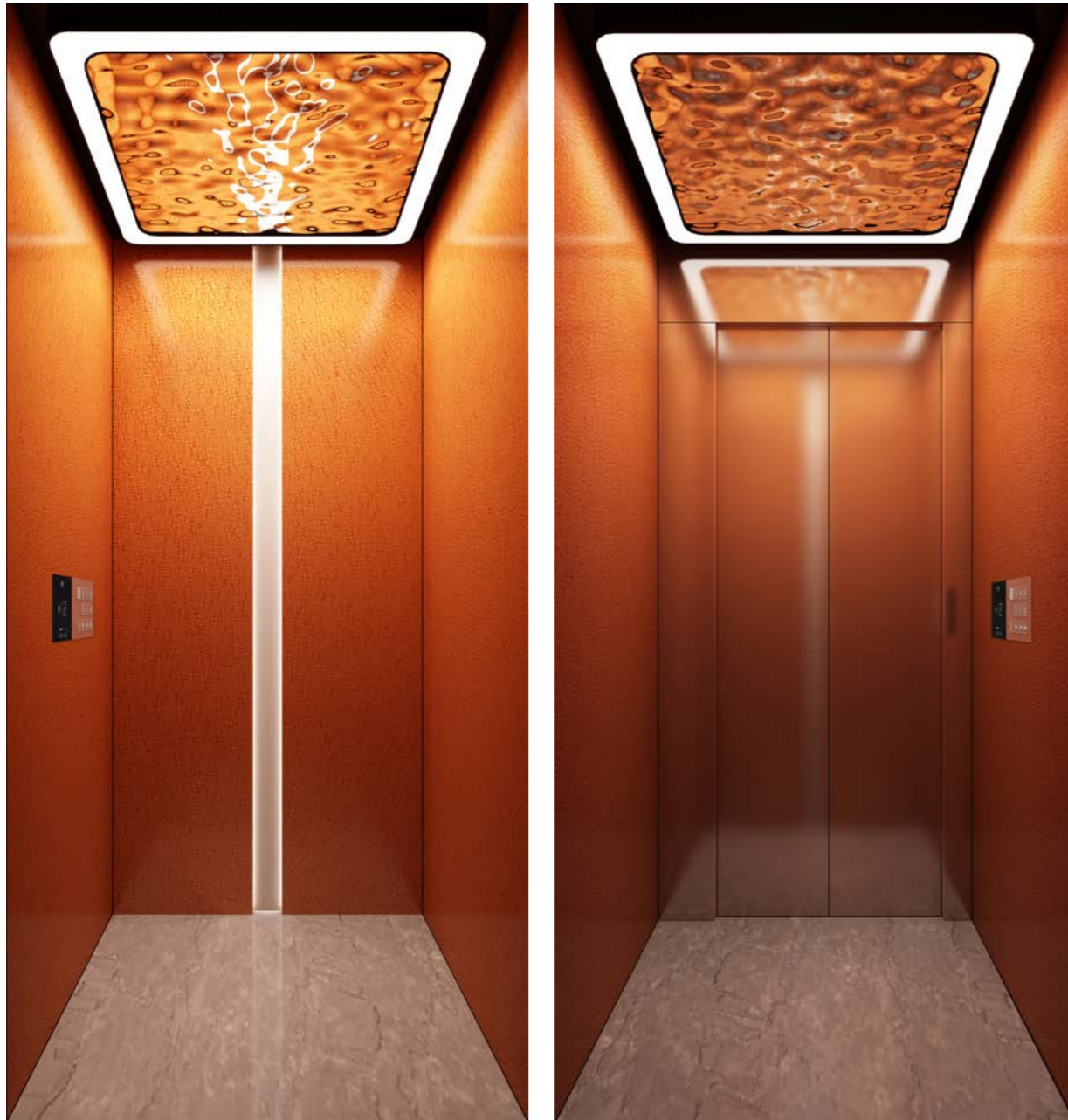
Front wall
Vibratory finish stainless steel with titanium gold coating

Car door / Landing door
Vibratory finish stainless steel with titanium gold coating

Floor
Piano concerto (PVC)

STYLISH

Stylish interior design with a touch of luxury.



ST-1V

Ceiling
S1-C5

Rear wall
Powder coating RAL2008 with white primer ice orange pattern
+ Powder coating RAL9003

Side wall
Powder coating RAL2008 with white primer ice orange pattern

Front wall
Hairline finish stainless steel with bronze coating

Car door / Landing door
Hairline finish stainless steel with bronze coating

Floor
Piano concerto (PVC)



ST-2V

Ceiling
S1-C5

Rear wall
Powder coating RAL4011 with white primer ice pattern

Side wall
Powder coating RAL4011 with white primer ice pattern

Front wall
Mirror finish stainless steel

Car door / Landing door
Mirror finish stainless steel

Floor
Piano concerto (PVC)

STYLISH

Stylish interior design with a touch of luxury.



ST-3V

Ceiling
S1-C5

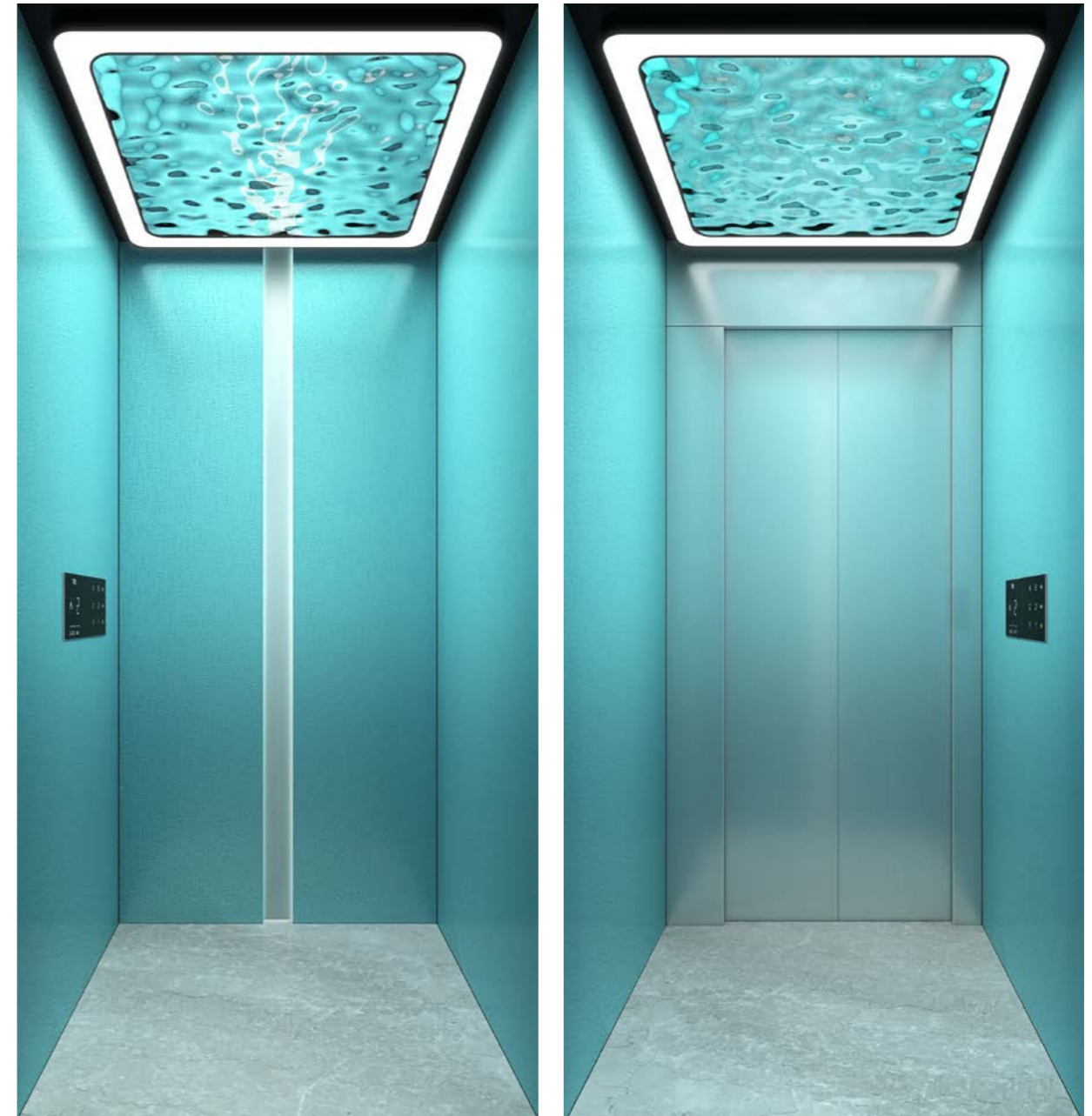
Rear wall
Powder coating RAL3015 with white primer ice pattern

Side wall
Powder coating RAL3015 with white primer ice pattern

Front wall
Mirror finish stainless steel

Car door / Landing door
Mirror finish stainless steel

Floor
Piano concerto (PVC)



ST-4V

Ceiling
S1-C5

Rear wall
Powder coating RAL5018 with white primer ice pattern

Side wall
Powder coating RAL5018 with white primer ice pattern

Front wall
Mirror finish stainless steel

Car door / Landing door
Mirror finish stainless steel

Floor
Piano concerto (PVC)

HERITAGE REFINED

Revival of colors, crafts and materials from the past with today's conveniences.



HR-2V

Ceiling
S4-C1

Rear wall
UV printing - Landscape painting UV-P02

Side wall
Mirror finish stainless steel +
Film on metal - ebony pattern FW01

Front wall
Mirror finish stainless steel

Car door / Landing door
Mirror finish stainless steel

Floor
Chinese porch window (PVC)



HR-31V

Ceiling
PL01

Rear wall
Film on metal - ebony pattern FW01 and oak pattern FW08

Side wall
Sandblast finish stainless steel with champagne gold coating + Film on metal - ebony pattern FW01

Front wall
Sandblast finish stainless steel with champagne gold coating

Car door / Landing door
Sandblast finish stainless steel with champagne gold coating

Floor
Acrobatic etude + Storm (PVC)

CONTEMPORARY

Minimalistic interior design,
influenced by local taste.



CT-1V

Ceiling
S3-C1

Rear wall
Mirror finish stainless steel with black titanium coating +
Sandblast finish stainless steel

Side wall
Mirror finish stainless steel with black titanium coating +
Film on metal - oak pattern FW08

Front wall
Sandblast finish stainless steel with black titanium coating

Car door / Landing door
Sandblast finish stainless steel with black titanium coating

Floor
Symphonic poem prelude (PVC)



CT-2V

Ceiling
S1-C7

Rear wall
Mirror finish stainless steel with bronze coating +
Film on metal - Leather grain lichee FL03

Side wall
Mirror finish stainless steel with bronze coating +
Film on metal - Leather grain lichee FL03

Front wall
Mirror finish stainless steel with bronze coating

Car door / Landing door
Mirror finish stainless steel with bronze coating

Floor
Oserova (PVC)

CONTEMPORARY

Minimalistic interior design,
influenced by local taste.



CT-4V

Ceiling
S1-C7

Rear wall
Fine sandblast finish stainless steel with champagne gold coating/nano coating + Mirror finish stainless steel with black titanium coating

Side wall
Fine sandblast finish stainless steel with champagne gold coating/nano coating + Mirror finish stainless steel with black titanium coating

Front wall
Mirror finish stainless steel with champagne gold coating

Car door / Landing door
Mirror finish stainless steel with champagne gold coating

Floor
YH-MF0005 Ultraman (Marble)



CT-5V

Ceiling
S1-C7

Rear wall
Mirror finish stainless steel with rose gold coating + Sandblast finish stainless steel with rose gold coating/nano coating + LED strip light

Side wall
Fine sandblast finish stainless steel with rose gold coating/nano coating

Front wall
Fine sandblast finish stainless steel with rose gold coating/nano coating

Car door / Landing door
Fine sandblast finish stainless steel with rose gold coating/nano coating

Floor
YH-MF0003 Hermes (Marble)

CONTEMPORARY

Minimalistic interior design,
influenced by local taste.



CT-6V

Ceiling
CL2V

Rear wall
Sandblast finish stainless steel with black titanium coating/
nano coating + Reeded glass

Side wall
Sandblast finish stainless steel with black titanium coating/
nano coating

Front wall
Sandblast finish stainless steel with black titanium coating/
nano coating

Car door / Landing door
Sandblast finish stainless steel with black titanium coating/
nano coating

Floor
YH-MF0004 Dark marble (Marble)



CT-7V

Ceiling
S3-C2

Rear wall
Fine sandblast finish stainless steel/nano coating +
Powder coating RAL9003 + LED light

Side wall
Fine sandblast finish stainless steel/nano coating

Front wall
Fine sandblast finish stainless steel/nano coating

Car door / Landing door
Fine sandblast finish stainless steel/nano coating

Floor
YH-MF0002 Bulgarian leah grey (Marble)

CONTEMPORARY

Minimalistic interior design,
influenced by local taste.



CT-3V

Ceiling
S1-C5

Rear wall
Powder coating RAL7035 with white primer ice pattern

Side wall
Powder coating RAL7035 with white primer ice pattern

Front wall
Mirror finish stainless steel

Car door / Landing door
Mirror finish stainless steel

Floor
Piano concerto (PVC)

MODERN FRESHNESS

Modern interior mixing vibrant colors
with subtle patterns.



MF-1V

Ceiling
S1-C7

Rear wall
Film on metal - Wood grain walnut FW03 + Fine sandblast finish stainless steel/nano coating

Side wall
Film on metal - Wood grain walnut FW03 + Fine sandblast finish stainless steel/nano coating + Mirror finish stainless steel

Front wall
Fine sandblast finish stainless steel/nano coating

Car door / Landing door
Fine sandblast finish stainless steel/nano coating

Floor
YH-MF0001 Volakas white (Marble)

TRADITIONAL

Simple, functional and robust.
Our classic combination of materials with universal style.



CS5

Ceiling
S2-C8

Rear wall
Fine sandblast finish stainless steel/nano coating

Side wall
Fine sandblast finish stainless steel/nano coating

Front wall
Fine sandblast finish stainless steel/nano coating

Car door / Landing door
Fine sandblast finish stainless steel/nano coating

Floor
YH-MF0002 Bulgarian leah grey (Marble)

PANORAMA

Perfectly complements the quality of your home,
adding style and a superior visual experience.



PANO S-1

Ceiling
PL01

Rear wall
Glass + Hairline finish stainless steel 304 frame

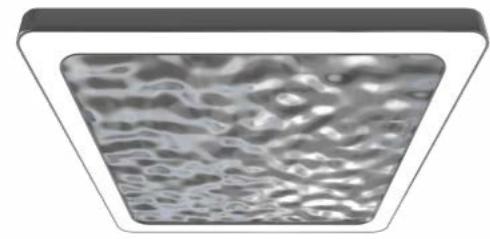
Side wall
Glass + Hairline finish stainless steel 304

Front wall
Hairline finish stainless steel 304

Car door / Landing door
Hairline finish stainless steel 304

Floor
PVC CFL010 (PVC)

CEILING



S1-C5*



S2-C2*



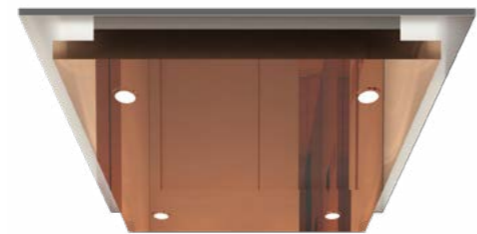
S4-C1*



PL01*



S3-C1*



S1-C7*



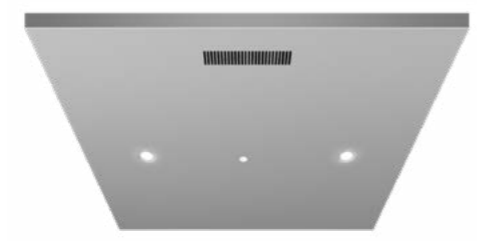
PL01*
(for PANO S-1 only)



CL2V*



S2-C8*



CL1V*

LANDING DOOR



Hairline finish stainless steel



Vibratory finish stainless steel
with titanium gold coating



Hairline finish stainless steel
with bronze coating



Powder coating RAL1015



Mirror finish stainless steel



Mirror finish stainless steel
with champagne gold coating



Mirror finish stainless steel
with bronze coating



Glass



Sandblast finish stainless steel
with black titanium coating/
nano coating



Sandblast finish stainless steel
with champagne gold coating



Fine sandblast finish stainless
steel with rose gold coating/
nano coating



Fine sandblast finish stainless
steel with nano coating

HANDRAIL



TSF01
Round handrail - Hairline finish stainless steel



TRH01
Round handrail - Transparent acrylic and hairline finish stainless steel



TFH01
Flat handrail - Transparent acrylic

FIXTURE

Choose from premium fixtures to highlight the style and colors of your home.

Touch screen LIOP

Model	1. LS5H-1K 2. LS5K-4 (for AL shaft) / LS5I-4 (for concrete shaft) 3. LS5F-6 4. LS5G-6 5. LS5L-5 6. LS5J-6
Display	1. White matrix 2. 2.1" touch screen 3. White segment LED 4. White segment LED 5. 5" Touch Screen 6. LED white light
Faceplate	Tempered glass
Button	Touch

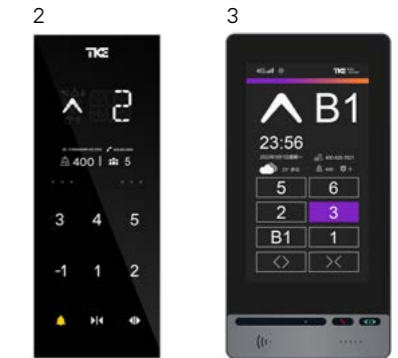


Touch screen COP

Model	1. CV4F-2M 2. CV4G-2M
Display	4.3" White segment LED
Faceplate	Tempered glass
Button	Touch



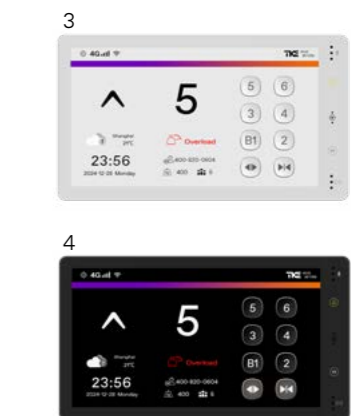
Model	3. CV4H-8
Display	10.1" Colour
Faceplate	Aluminum frame + tempered glass
Button	TFT



Model	1. CV4I-9 2. CV4J-9
Display	13.3" Colour
Faceplate	Aluminum frame + tempered glass
Button	Touch



Model	3. CV4K-9 4. CV4L-9
Display	13.3" Colour
Faceplate	Aluminum frame + tempered glass
Button	Touch

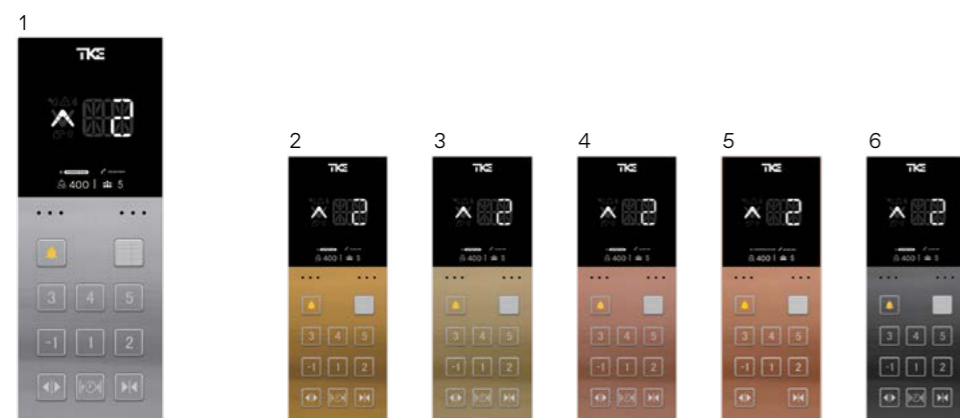


FIXTURE



COP

Model	CV4D-A32M
Display	White LED
Faceplate	1. Hairline finish stainless steel
Faceplate (options)	2. Hairline finish stainless steel gold titanium coating 3. Hairline finish stainless steel champagne gold coating 4. Hairline finish stainless steel bronze coating 5. Hairline finish stainless steel rose gold coating 6. Hairline finish stainless steel black titanium coating



COP

Model	CV4E-A32M
Display	White LED
Faceplate	1. Hairline finish stainless steel
Faceplate (options)	2. Hairline finish stainless steel gold titanium coating 3. Hairline finish stainless steel champagne gold coating 4. Hairline finish stainless steel bronze coating 5. Hairline finish stainless steel rose gold coating 6. Hairline finish stainless steel black titanium coating



LOP

Model	LB5D-A3
Display	White LED
Faceplate	1. Hairline finish stainless steel
Faceplate (options)	2. Hairline finish stainless steel gold titanium coating 3. Hairline finish stainless steel champagne gold coating 4. Hairline finish stainless steel bronze coating 5. Hairline finish stainless steel rose gold coating 6. Hairline finish stainless steel black titanium coating

Button



MT42
Square button, white light
(braille is available)



AN180 (option)
Round button, white light
(braille is available)

Kick button



AN730
Square button, stainless steel

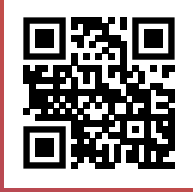
Child lock



Round



Square



www.tkelevator.com

FUNCTION LIST (MACHINEROOM-LESS)

CATEGORY	NO.	FUNCTION	STANDARD / OPTION
Enhanced Car Functions	1	Reopen the door by current landing call	S
	2	Single button collective control	S
	3	Full-load non-stop	S
	4	Onward travel to the next stop in the case of a non-opening door	S
	5	Anti-nuisance "limit number of car call when empty load"	S
	6	Adjustable waiting time for opening door	S
	7	Energy saving operation for car light and fan	S
	8	Elevator start-up loading weighting compensation function	S
	9	Changeable main landing	O
	10	Main landing return	O
	11	Ajustable time for main landing return	O
	12	Leveling accuracy adjustment	S
	13	Absolute positioning	O
	14	Door hold function	O
	15	Button low brightness	O
Safety and Emergency Functions	16	Landing on the nearest floor in case of a problem (e.g., motor overtemperature or missing car position)	S
	17	Emergency car lighting	S
	18	Overload protection	S
	19	Repeated door closures in the event of a lock failure	S
	20	Door overload protect (with car door)	S
	21	Safety curtain for door	S
	22	Parking (Stop using the elevator)	O
	23	Emergency electrical operation	S
	24	Inspection operation	S
	25	Traction machine over temperature supervision	S
	26	Traction machine skidding protection	S
	27	Door operator temperature protection (with car door)	S
	28	Restrict the opening of the car door inside the car (with car door)	S
	29	Brake torque detection function	S
	30	Door lock safety device failure detection	O
	31	Emergency operation for electrical brake release	S
	32	Automatic rescue operation	S
	33	Automatic rescue enabling control	O
	34	Earthquake function (sensor provided by customer)	O
	35	Protection against terminal runby	S
	36	Protection against safety circuit fault	S
	37	Overspeed protection	S
	38	Low speed protection	S
	39	Remote test of overspeed governor	S
	40	Electromagnetic braking function	S
	41	Automatic fault rescue	S
	42	Protection against door-opening outside door zone	S
	43	Pit maintenance operation function input (with maintenance box)	S
	44	Alarm function	S
	45	Camera anti-pinch function	S

S - Standard; O - Option; NA - Not applicable

FUNCTION LIST (MACHINEROOM-LESS)

CATEGORY	NO.	FUNCTION	STANDARD / OPTION
Trip Functions	46	Operation counter (trip and hour)	S
	47	Auto hinged door	O
	48	Through doors open simultaneously	O
	49	Selective door (only in through car and second COP case)	O
	50	Door close button	S
	51	Door open button	S
	52	Car call cancellation (by double press)	S
	53	Car indicator of LED (white)	S
	54	Car 10.1 inch indicator of multi-function touch	O
	55	Car 13.3 inch indicator of multi-function touch	O
Human Machine Interface	56	Landing indicator of LED (white)	O
	57	Setting of landing display character	O
	58	COP for disabled persons (only braille push buttons)	O
	59	LOP for disabled persons (only braille push buttons)	O
	60	Call button jammed detection	O
	61	Kick button	O
	62	Child lock function	O
	63	Camera auto call	O
	64	Emergency call	S

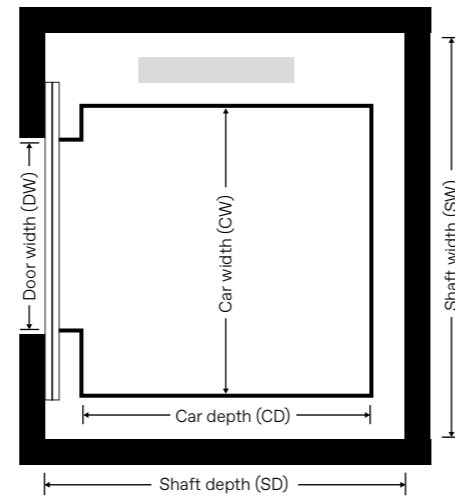
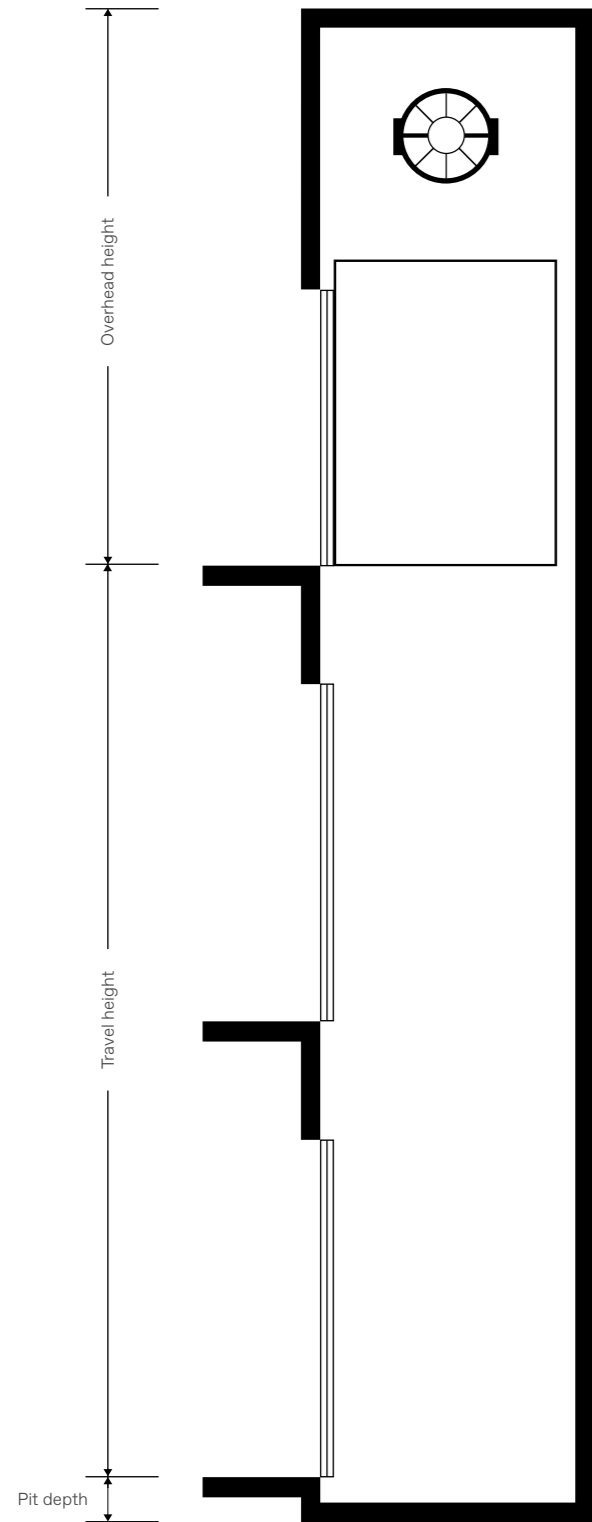
S - Standard; O - Option; NA - Not applicable

LAYOUT - SINGLE OPENING (MACHINEROOM-LESS)

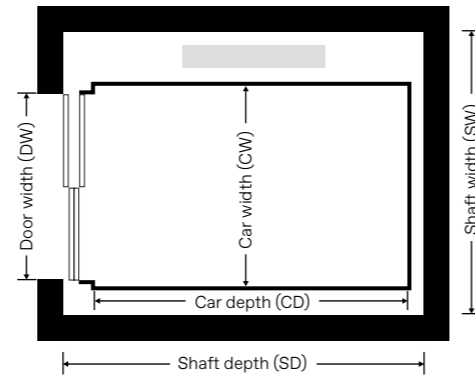


Shaft vertical section

Shaft plan (centre opening)



Shaft plan (side opening)

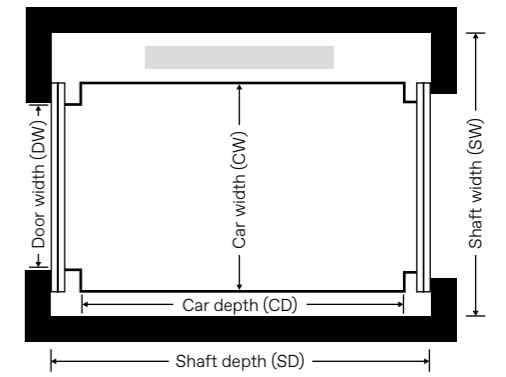
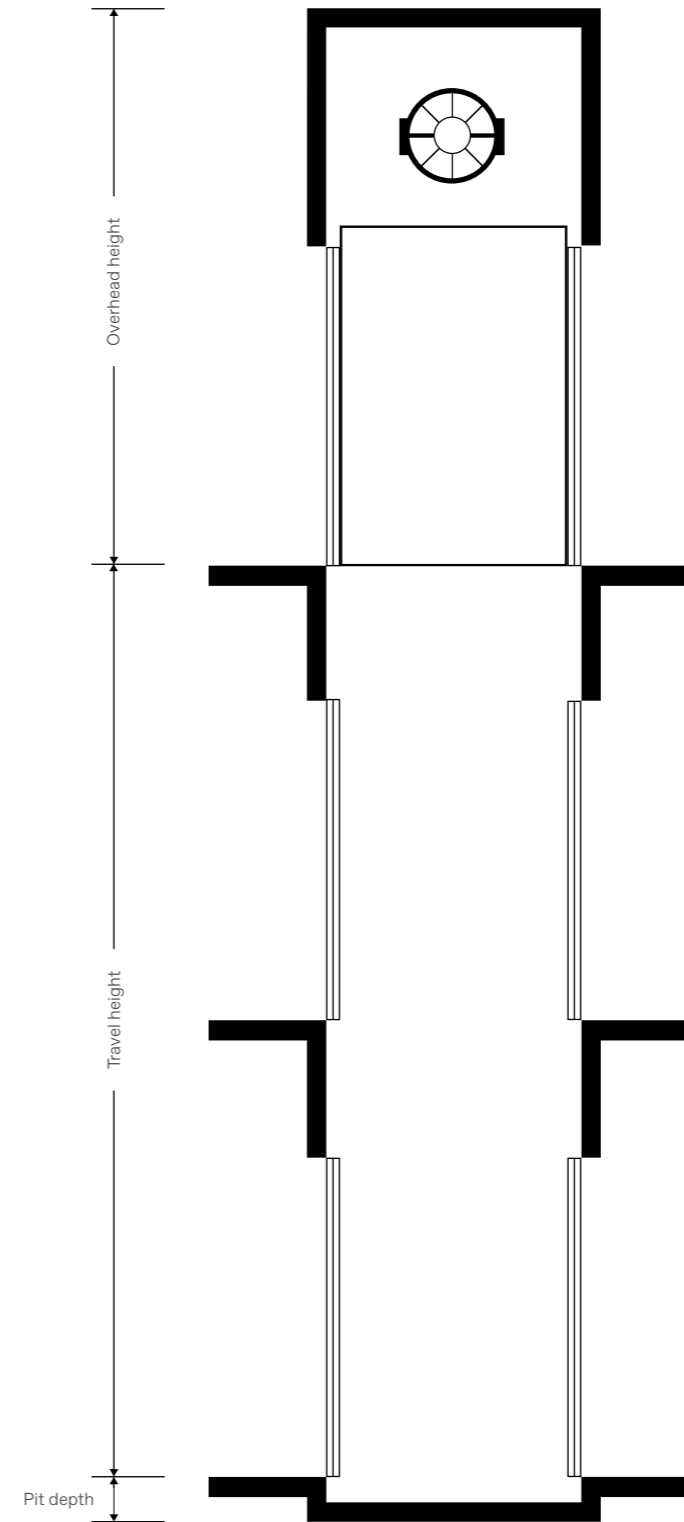


LAYOUT - OPEN THROUGH (MACHINEROOM-LESS)

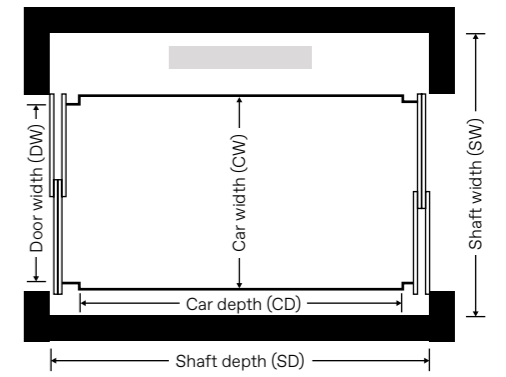


Shaft vertical section

Shaft plan (centre opening)



Shaft plan (side opening)



TECHNICAL SPECIFICATIONS (MACHINEROOM-LESS)

BASIC PARAMETER

RATED LOAD (KG)	RATED SPEED (M/S)	MAX. TRAVEL HEIGHT (M)	MAX. NUMBER OF FLOORS	MIN. PIT DEPTH (MM)	SHAFT TYPE
320	0.4	18	6 (SO/OT)	60 / 165*	Concrete
400	0.4	18	6 (SO/OT)	60 / 165*	Concrete
320	0.4	9	4 (SO/OT)	60 / 165*	Aluminium frame
400	0.4	9	4 (SO/OT)	60 / 165*	Aluminium frame
320	0.3	9	4 (SO/Hinged door)	60 / 165*	Aluminium frame

SO - Single Opening, OT - Open Through *Compliant to EN81-41

CAR / SHAFT SIZE

RATED LOAD (KG)	CAR SIZE (CW X CD) (MM)	DOOR OPENING	DOOR WIDTH (MM)	SHAFT SIZE (SW X SD) (MM)	SHAFT TYPE			
320	900 x 900	Centre opening (metal door)	650	1450 x 1200	Concrete			
		Centre opening (metal door)		1580 x 1400				
		Centre opening (glass door)		1680 x 1400				
		900 x 1100	Side opening (metal door)	700		1450 x 1480		
			OT centre opening (metal door)			1580 x 1570		
			OT centre opening (glass door)			1680 x 1570		
	900 x 900	OT side opening (metal door)	700	1450 x 1680		Aluminium frame		
		Centre opening (metal door)		1550 x 1200				
		Centre opening (glass door)		1680 x 1400				
		900 x 1100		Side opening (metal door)			700	1450 x 1480
				OT centre opening (glass door)				1680 x 1540
				OT side opening (metal door)				1450 x 1680
400	900 x 900	Centre opening (glass hinged door)	700	1480 x 1250	Concrete			
		Centre opening (metal door)		1450 x 1200				
		Centre opening (metal door)		1750 x 1400				
		Centre opening (glass door)		1780 x 1400				
		1100 x 1100		OT centre opening (metal door)		800	1750 x 1570	
				OT centre opening (glass door)			1780 x 1570	
	OT side opening (metal door)		1650 x 1680					
	900 x 900	Side opening (metal door)	700	1650 x 1480		Aluminium frame		
		Centre opening (metal door)		1550 x 1200				
		Centre opening (glass door)		1800 x 1400				
		1100 x 1100		Side opening (metal door)			800	1650 x 1480
				OT centre opening (glass door)				1800 x 1540
OT side opening (metal door)				1650 x 1680				

Minimum shaft size is measured based on the concrete shaft. If the shaft material is different or technical specification is out of standard scope, please contact TK Elevator representative.

OVERHEAD HEIGHT

OVERHEAD HEIGHT (MM) (SINGLE OPENING, OPEN THROUGH/CO)	OVERHEAD HEIGHT (MM) (OPEN THROUGH/SO)	CAR HEIGHT (MM)	DOOR HEIGHT (MM)
2750 / 2900*	2900 / 3050*	2100	2000
2850 / 3000*	3000 / 3150*	2200	2100
2950 / 3100*	3100 / 3250*	2300	2100
3050 / 3200*	3200 / 3350*	2400	2100

*Compliant to EN81-41