

# Rise

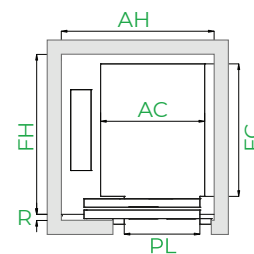
## The sky is the limit.

Guarantees comfortable and safe mobility for long travel times, improving the user experience throughout the trip.

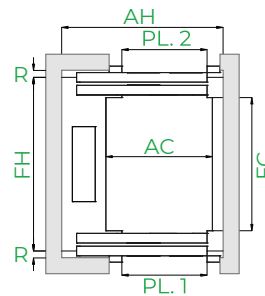
### General Specifications

<b>Load</b>	450 (MR)/630 - 1,600 kg
<b>Capacity</b>	6(MR)/8 to 21 persons
<b>Speed</b>	1.6(MR)/1.75 - 2 - 2.5 m/s
<b>Maximum Travel</b>	130 m
<b>Maximum Floors Served</b>	64 floors
<b>Machine-room Option</b>	Yes
<b>Entrances</b>	1 Front 2 Open through
<b>Drive System</b>	Regulated gearless (240 stars per hour)
<b>Controller</b>	ARCA III controller, low energy consumption multiprocessor
<b>Door Types</b>	Automatic side-opening Automatic centre-opening
<b>Clear door opening</b>	From 900 to 1,200 mm (in increments of 100 mm)
<b>Door Height</b>	2,000 / 2,100 / 2,200 / 2,300 mm
<b>Car Dimensions</b>	Parametric
<b>Internal Car Height</b>	2,100 / 2,200 / 2,300 / 2,400 mm

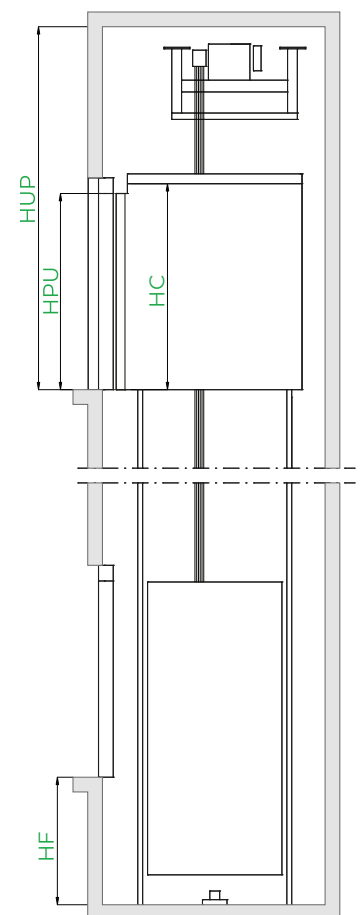
1 Entrance



2 Entrances (open through)



Vertical section



### Customised solution, examples of dimensions\*

Load / Capacity			Car (mm)			Lift Shaft° (mm)*							
						Side-opening doors				Centre-opening doors			
Speed	Persons	Q Load	AC Width	FC Depth	PL Clear opening	Entrance		AH¹	FH²	AH¹	FH³	HF Pit	HUP Head-room
						Accessibility	No. of entrances						
1.75 m/s - 2 m/s - 2.5 m/s	8	630 kg	1,100	1,400	900		1	1,850	1,900	1,950	1,800	1,685 - 1,790 - 2,150	(4) - (5) - (6)
							2x180°		2,000		1,950		
	10	800 kg	1,350	1,400	900		1	2,100	1,900	2,100	1,800		
									2x180°		2,000		
	13	1,000 kg	1,600	1,400	1,000		1	2,350	1,900	2,350	1,800		
									2x180°		2,000		
	17	1,275 kg	2,000	1,400	1,100	1	1,850	2,400	2,150	2,350			
								2x180°		2,550	2,450		
		17	1,275 kg	2,000	1,400	1,100	1	2,800	1,900	2,800	1,800	1,905 - 2,005 - 2,150	
									2x180°		2,000		1,950
		21	1,600 kg	2,100	1,600	1,100	1	2,000	2,600	2,350	2,550		
									2x180°		2,750		2,650
1									2,900		1,950		1,900
											2x180°		
1	2,200	2,700	2,550	2,650									
		2x180°		2,850	2,750								

- Minimum plumb measurements

1 Considered without safety gear at counterweight (35 mm clearance to door frame)

In the case of safety gear at counterweight (98 mm clearance to door frame)

2 Lift shaft depth with door tracks projecting 60 mm on the landing (adapted to space 50)

3 Lift shaft depth with door tracks projecting 40 mm on the landing (adapted to space 34)

4 (1.75m/s) Minimum HUP ( $HUP = HC_{ext} + 2130$ ) \*Table HC=2,300, with sliding shoes

5 (2m/s) Minimum HUP ( $HUP = HC_{ext} + 2270$ ) \*Table HC=2,300

6 (2.5m/s) Minimum HUP ( $HUP = HC_{ext} + 2500$ ) \*Table HC=2.300

\* The information is not contractually binding and is subject to the conditions of the shaft

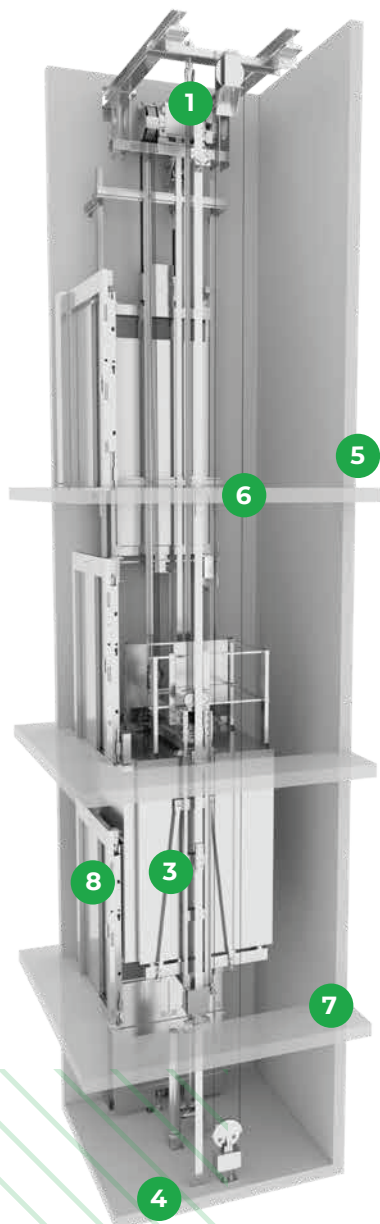
## Customised car dimensions

### Car width

									21	20	18			2,100											
								21	20	18	17			2,000											
						21	20	19	17	16				1,900											
					21	20	19	18	16	15				1,800											
				21	20	19	18	16	15	14				1,700											
			21	21	19	18	16	15	14	13	12			1,600											
		21	21	19	18	17	17	15	14	13	13	11		1,500											
21	21	20	19	28	17	16	15	14	13	13	12	11	10	1,400											
20	19	18	17	16	16	15	14	13	12	11	10	9	8	1,300											
19	18	17	16	15	14	13	13	12	11	10	9	9	8	1,200											
		15	14	13	13	12	11	11	10	9	8	8		1,100											
				12	12	11	10	10	9	8				1,000											
				11	10	10	9	8	8					900											
2,500	2,400	2,300	2,200	2,100	2,000	1,900	1,800	1,700	1,600	1,500	1,400	1,300	1,200	mm	800	900	1,000	1,100	1,200	1,300	1,400	1,500	1,600		

### Car depth

### Clear door opening



1

**Drive**

Compact, quiet, gearless, energy-efficient, inverter-drive permanent-magnet motor electrical machine.



2

**Machine room**

Simplifies lift maintenance operations thanks to the space available in the room.



3

**Robust lift car**

Provides greater lift comfort, reducing vibration and noise during lift travel.



4

**Accessible space below the pit**

Adapts the lift to suit buildings requiring an accessible space below the pit (optional).



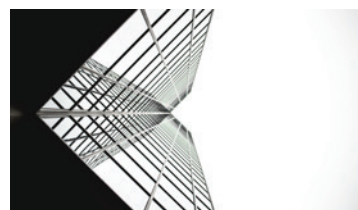
5

**Travel time**

Special solution for buildings with long travel times.



6

**Speed**

Solution that reaches a greater speed, offering quicker trips for long travel times.



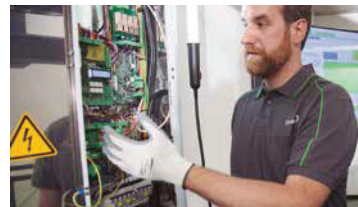
7

**Cars**

Special car dimensions, with extra depth and wider doors. Designed with reinforced panels and floors for multiple and intensive uses.



8

**Automatic rescue system**

With floor level indication to ensure fast, efficient and safe evacuation of passengers in the event of an emergency. As an option, the system can incorporate a fully-automatic rescue device to evacuate passengers in the event of a power failure.

