

Rise

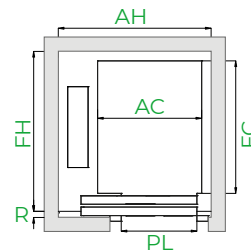
The sky is the limit.

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

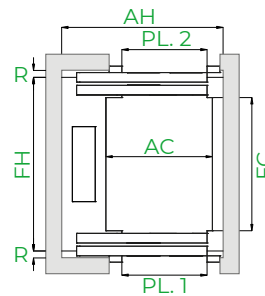
General Specifications

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

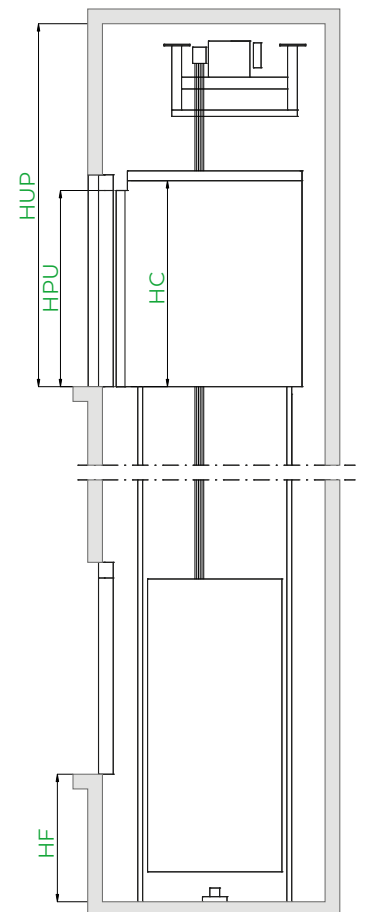
1 Entrance



2 Entrances (open through)



Vertical section



Customised solution, examples of dimensions*

Load / Capacity			Car (mm)			Lift Shaft° (mm)*											
Speed	Persons	Q Load	AC Width	FC Depth	PL Clear opening	Side-opening doors				Centre-opening doors							
						Entrance		AH¹	FH²	AH¹	FH³	HF Pit	HUP⁴	Head-room			
						Accessibility	No. of entrances								Width	Depth	Width
1.75 m/s	8	630 kg	1,100	1,400	900	Icon: Wheelchair	1	2x180°	1,850	1,900	1,950	1,800	-	4,525⁷			
							2,000			1,950							
	10	800 kg	1,350	1,400	900		1	2x180°	2,100	1,900	2,100	1,800			1,685⁴	-	
							2,000			1,950		1,790⁵					
	13	1,000 kg	1,600	1,400	1,000		1	2x180°	2,350	1,900	2,350	1,800			2,150⁶		-
							2,000			1,950							
2	-	-	1,100	2,100	1,000	1	2x180°	1,850	2,400	2,150	2,350	-	4,660⁸				
						2,550			2,450								
2 m/s	17	1,275 kg	2,000	1,400	1,100	Icon: Wheelchair	1	2x180°	2,800	1,900	2,800			1,800	-	4,865⁹	
							2,000			1,950							
	21	1,600 kg	2,100	1,600	1,100		1	2x180°	2,000	2,600	2,350			2,550			1,905⁴
							2,750			2,650				2,005⁵			
	-	-	-	1,200	2,300		1,100	1	2x180°	2,900	1,950	2,900	1,900	2,150⁶			
								2,100			2,050						
-	-	-	1,400	2,400	1,200	1	2x180°	2,200	2,700	2,550	2,650	-	-				
						2,850			2,750								

- 0 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, Q≤1250kg) HF minimum (HF=BC+1585) Table BC=100
- 5 (2m/s, Q≤1250kg) HF minimum (HF=BC+1690) Table BC=100
(2m/s, Q>1250kg) HF minimum (HF=BC+1905) Table BC=100

- 6 (2,5m/s) HF minimum (HF=BC+2050) Table BC=100
- 7 (1.75m/s) Minimum HUP (HUP=HCint+2225) *Table HCint=2,300, with sliding shoes.
- 8 (2m/s) Minimum HUP (HUP=HCint+2360) *Table HCint=2,300.
- 9 (2.5m/s) Minimum HUP (HUP=HCint+2585) *Table HCint=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	13	12				1,700															
																21	21	19	18	17	17	15	14	13	13	11				1,600													
21	21	20	19	28	17	16	15	14	13	13	12	11	10	14,000																													
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).



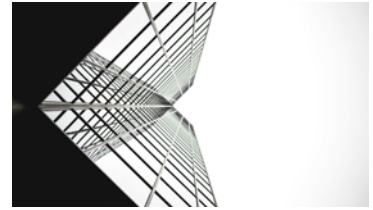
5



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.

