

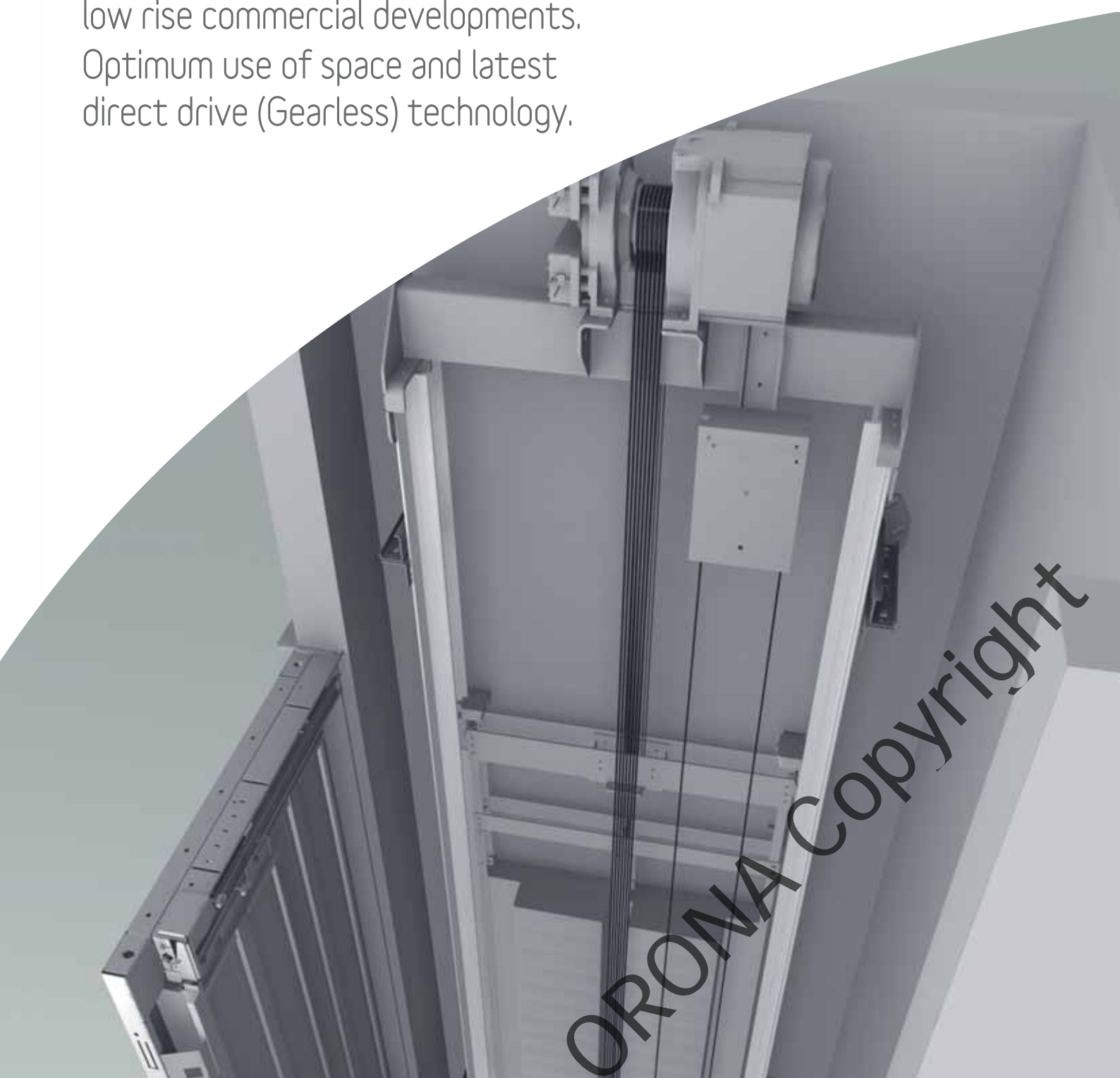


Orona

Orona 3G 1010

Machine-room-less (MRL) solutions

High efficiency for residential and low rise commercial developments. Optimum use of space and latest direct drive (Gearless) technology.



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Orona 3G 1010

The base solution.
Latest technology, affordable and functional.

General specifications

Load / Capacity	320-450-630 kg 4-6-8 persons			
Speed	1 m/s			
Maximum travel	45 m			
Maximum floors served	16 floors			
Entrances	1 front	2 open through		2 front & side
Drive system	Direct Gearless			
Controller	ARCA II controller, low energy microprocessor			
Door types	Automatic side-opening		Automatic centre-opening	
Clear door opening	700	800	900	
Door height	2000		2100	
Car dimensions	Standard car dimensions			
Internal car height	2100		2200	
Aesthetic solutions	C1	C2	C3	C4
	Standard	Optional		

Aesthetic solutions

See the 'Design and Accessibility' brochure for a full range of aesthetic solutions.

C1



C2



C3



C4



Options

See the 'Orona 3G Options' brochure for a full range of available options.



ECO-EFFICIENCY

Automatic car lighting turn off
Efficient lighting
Landing illumination control



DESIGN AND ACCESSIBILITY

EN 81-70 accessible car
Photoelectric curtain



ADAPTABILITY

Wide-framed door
Lift well enclosures
Reduced headroom
Accessible space below the pit



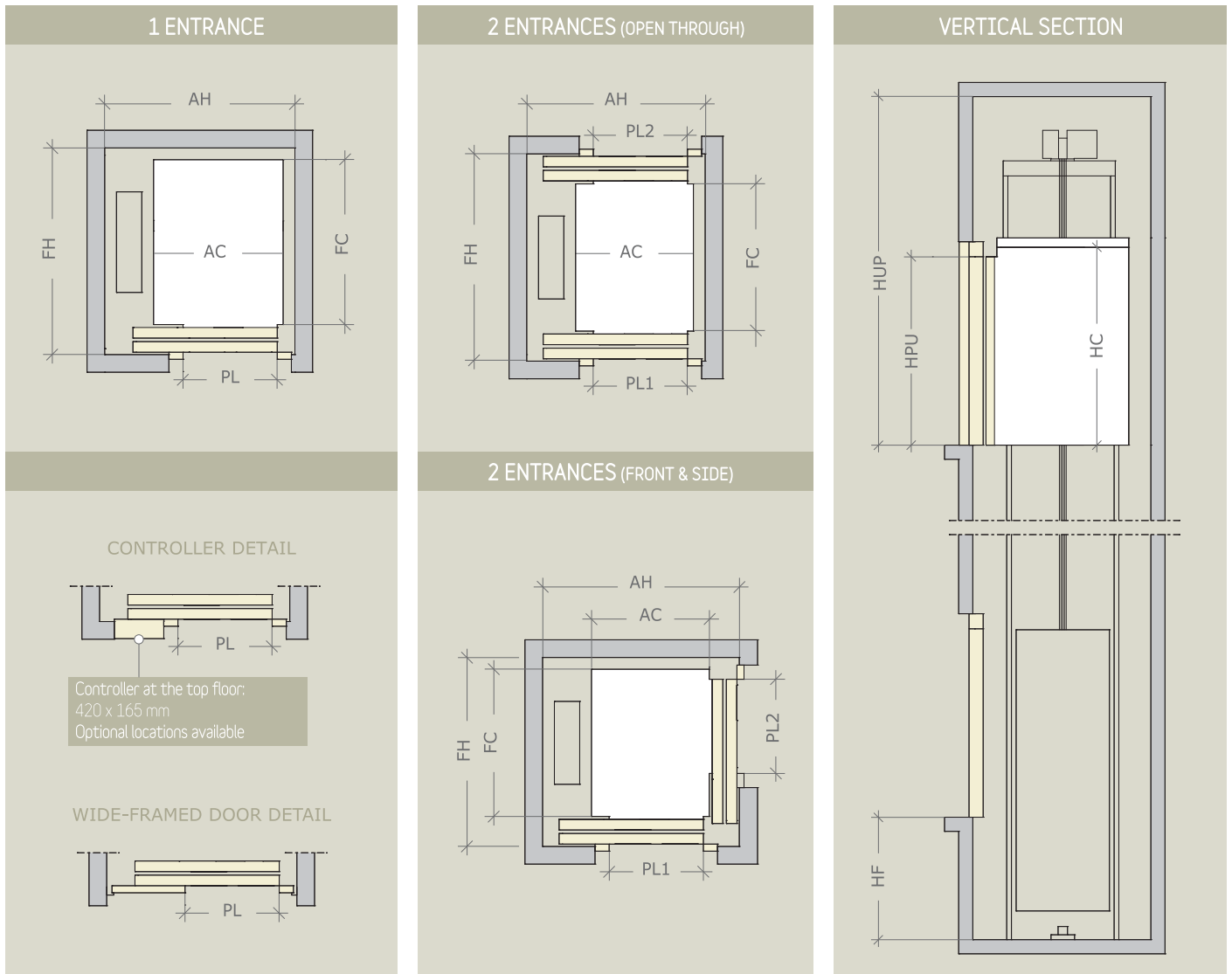
CONTROL AND SAFETY

Collective controls
Pre-opening doors
Teleservice system
Automatic rescue system



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Layout



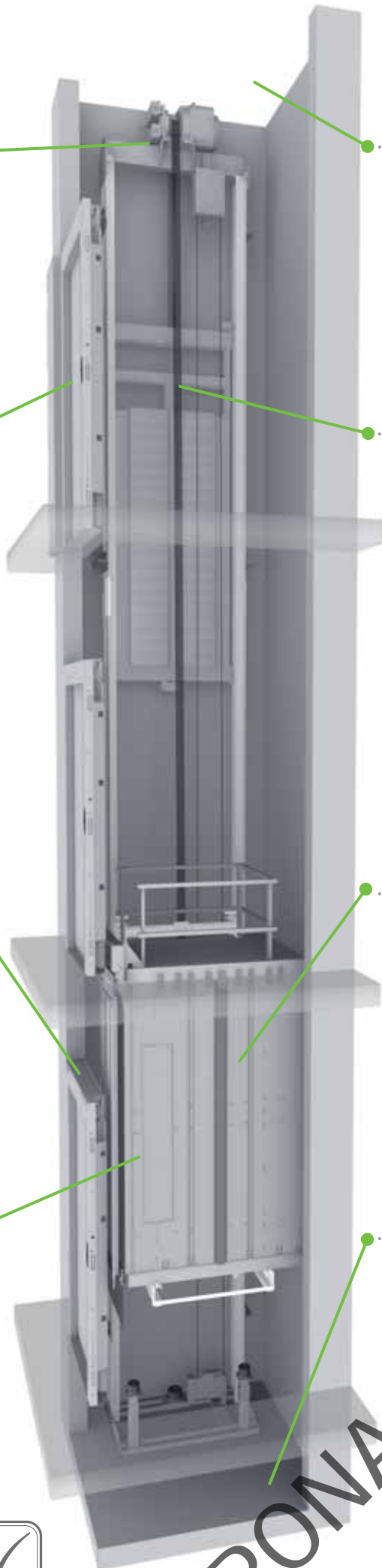
Standard dimensions

LOAD / CAPACITY		CAR			LIFT SHAFT *							
PERSONS	Q LOAD	AC WIDTH	FC DEPTH	PL CLEAR OPENING	ENTRANCES		SIDE-OPENING DOORS		CENTRE-OPENING DOORS		HF PIT	HUP HEADROOM
					ACCESSIBILITY	No. OF ENTRANCES	AH ¹ WIDTH	FH ² DEPTH	AH WIDTH	FH ³ DEPTH		
4	320 kg	825	1100	700		1	1325	1350	1600	1300	1000 (850) ⁴	3400
						2x180°	1500	1400				
						2x90°	1450	1350				
6	450 kg	1000	1250	800		1	1500	1500	1800	1450	1000 (850) ⁴	3400
						2x180°	1625	1500		1550		
						2x90°	1625	1500		1550		
8	630 kg	1100	1400	900		1	1600	1650	2000	1600	1000 (850) ⁴	3400
						2x180°	1725	1800		1700		
						2x90°	1725	1650		1700		
			1	1700	1500	2000	1450	1000 (850) ⁴	3400			
			2x180°	1825	1650		1550					
			2x90°	1825	1575		1550					

1) Accessible space below the pit (counterweight with safety gear) add 50 mm to AH
 2) Shaft depth with door tracks projecting 60 mm on the landing
 3) Shaft depth with door tracks projecting 40 mm on the landing

4) HF reduced pit optional 850 mm
 5) HUP minimum for internal car height (HC) 2100 mm (HUP=HC+1300)
 HUP reduced headroom optional (HUP=HC+900)

* Minimum plumb measurements



DRIVE

Compact, quiet, gearless, energy efficient, speed controlled permanent magnet electric motor.



MRL

Compact machine-room-less solution, with optional reduced headroom version.



NEW GENERATION OF DOORS

Compact permanent magnet motor for quick, accurate and quiet door operation giving the most advanced performance. Advanced door opening and photoelectric curtain.



TRACTION ROPES

They replace the traditional steel wire ropes. Owing to their lighter weight, longer lifespan and greater flexibility, they make it possible to use a more compact machine with a more efficient and ecofriendly motor.



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.



OPTIMISED PASSENGER UNIT

Saves space, reduces weight, improves safety, and improves the installation process.



TWO-WAY COMMUNICATIONS

Between the lift and the emergency 24-hour Service Call Centre according to EN 81-28 (optional).



ACCESSIBLE SPACE BELOW THE PIT

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



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ECO-EFFICIENCY



ADAPTABILITY



DESIGN AND ACCESSIBILITY



CONTROL AND SAFETY

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