

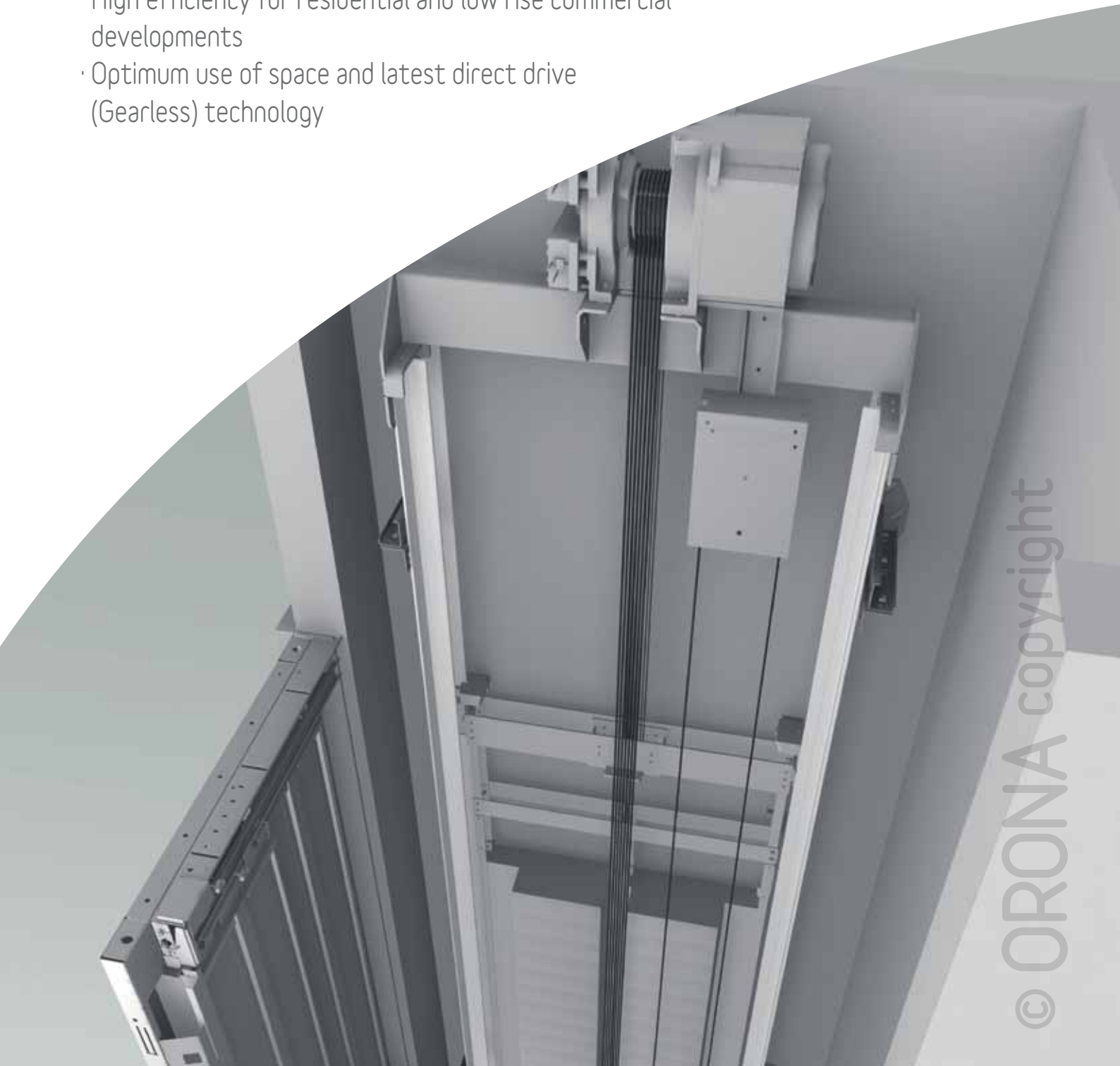


Orona

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



© ORONA copyright

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 central-opening | |
| Clear door opening | 700 | 800 | 900 | |
| Door height | 2000 | | 2100 | |
| Car dimensions | Standard car dimensions | | | |
| Internal car height | 2100 | | 2200 | |
| Aesthetic solutions | DR1 | DR2 / DR3 / DR4 / DR5 / DR6 / DR7 / DR8 | DS1 / DS2 / DS3 / DS4 / DS5 | Orona 3G Domo Plus |

Standard Optional

Aesthetic solutions

See the "Orona 3G Domo Packs - Domo Plus" brochure for a full range of aesthetic solutions



DR1

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



ADAPTABILITY

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



DESIGN AND ACCESSIBILITY

EN 81-70 accessible car
Photoelectric curtain

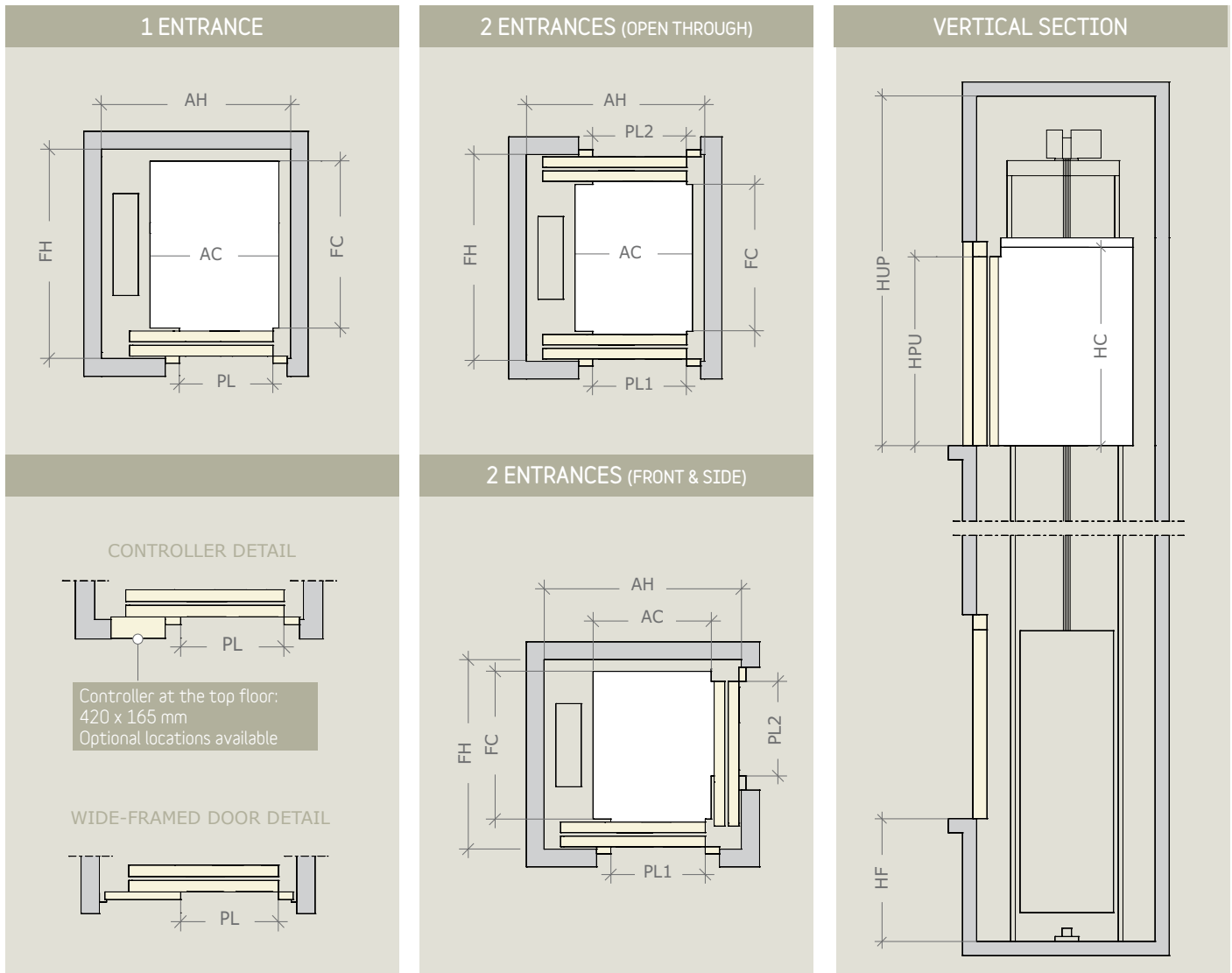


CONTROL AND SAFETY

Collective controls
Pre-opening doors
Teleservice system
Automatic rescue system



Layout



Standard dimensions

| LOAD / CAPACITY | | CAR | | | LIFT SHAFT * | | | | | | | |
|-----------------|--------|----------------|----------|------------------|---------------|------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------------|-------------------------|
| PERSONS | Q LOAD | AC WIDTH | FC DEPTH | PL CLEAR OPENING | ENTRANCES | | SIDE-OPENING DOORS | | CENTRAL-OPENING DOORS | | HUP HEADROOM | HF PIT |
| | | | | | 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 | 3400 | 1000 (850) ⁴ |
| | | | | | | 2x180° | | 1500 | | 1400 | | |
| | | | | | | 2x90° | | 1450 | | 1350 | | |
| 6 | 450 kg | 1000 | 1250 | 800 | ♿ | 1 | 1500 | 1500 | 1800 | 1450 | 3400 (3000) ⁵ | 1000 (850) ⁴ |
| | | | | | | 2x180° | | 1650 | | 1550 | | |
| | | | | | | * ⁶ | | 1625 | | 1500 | | |
| 8 | 630 kg | 1100 | 1400 | 900 | ♿ | 1 | 1600 | 1650 | 2000 | 1600 | 3400 (3000) ⁵ | 1000 (850) ⁴ |
| | | | | | | 2x180° | | 1800 | | 1700 | | |
| | | | | | | 2x90° | | 1725 | | 1650 | | |
| | | * ⁶ | 1 | 1700 | 1500 | 2000 | 1450 | 3400 | | | | |
| | | | 2x180° | | 1650 | | 1550 | | | | | |
| | | | 2x90° | | 1825 | | 1575 | | | | | |

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 only for 6 and 8 persons (HUP=HC+900)
 6) Adapted for persons with disabilities, according to local legislation
 * Minimum plumb measurements

© ORONA copyright

This publication is for general information purposes only; Orona reserves the right at any time to alter specifications and/or other data.



DRIVE

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



MRL

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



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).



ECO-EFFICIENCY



ADAPTABILITY



DESIGN AND ACCESSIBILITY



CONTROL AND SAFETY

Orona 3G
1010

ORONA copyright
© Orona 3G-1010-44 13/10-W