

Harmonie **EL-103V2**

COMMERCIAL / INSTITUTIONAL / PRIVATE

Harmonie is a high-end indoor vertical-trajectory elevator platform customized to meet the user's needs. It is suitable for people with reduced mobility and can be configured and coated according to your taste!

For a person standing or in a wheel chair, with or without an attendant, it has its place in commercial, institutional or private facilities. Reliable and with low maintenance cost, this elevator is a user's trustworthy choice, whether in rental buildings or private homes.

Harmonie is available in two versions:

Harmonie DC: battery operated, allowing full autonomy in case of power failure.

Harmonie AC: compares closely to a residential elevator and operates on the electrical current of your building.

ADVANTAGES

Custom design

Complete plans and specifications

Sturdy and efficient

Moves smoothly

Takes little space

Low maintenance cost

Your freedom simplified!



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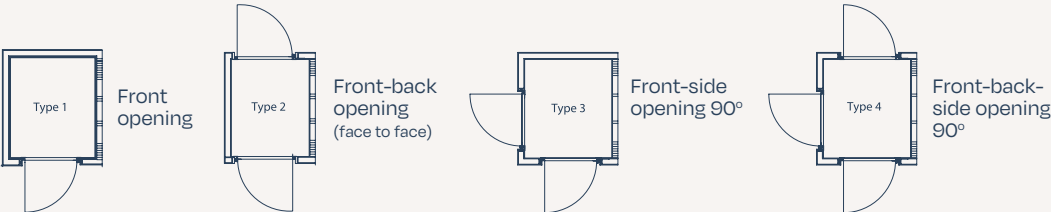
Device type	Elevator platform suited for people with reduced mobility Residential & Commercial
# Model	EL-103V2 (AC version or Batteries 24V-DC)
Commercial name	Harmonie

MAIN SPECIFICATIONS

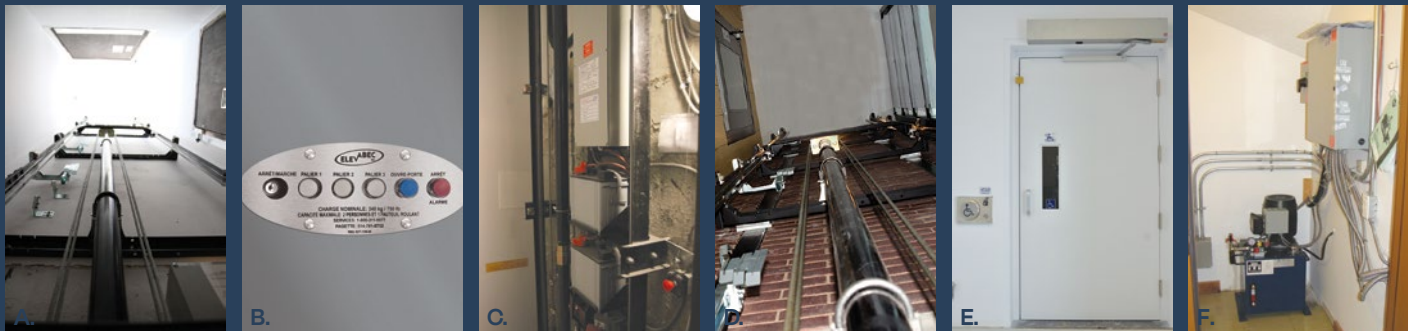
Applicable norms	CSA-B355-09 • ASME A 18.1 / Commercial & Single family home
Course / Trajectory	Commercial: Maximum 23' (7 m). Single family home: Maximum 45' (13.5 m) **Calculated from the lower floor to the top floor**
Capacity / Rated load	Standard: 750 lb (340 kg), 1000 lb (453 kg), 1400 lb (635 kg)

CABIN

Cabin dimensions	Maximal area: 3100"² (2 M²) Many dimensions available according to needs and available space. Length: Minimum 48" (1220 mm) / Maximum 88" (2235 mm) Width: Minimum 32" (813 mm) / Maximum 48" (1220 mm)
Cabin height	Standard: 80" (2032 mm) **Option: 96" (2438 mm)
Possible configurations	



Cabin panels walls	Melamine: 5/8" (16 mm) wood particles panels: **Choice of available colours** Options: laminate, stainless steel, mirror, glass inserts **Special requests are possible. **
Handrails	Anodized aluminium with black rubber non-slip inserts or flat stainless-steel bar



A. Elevator rails on a wooden wall with dry wall finish B. Remote control in the cabin C. 24V mechanism inside the elevator shaft
D. Elevator shaft on concrete wall E. Typical fireproof door F. Adjacent mechanical room

CONTROL BUTTONS

Control panel and push buttons

IN-CABIN CONTROL PANEL

Constant pressure push buttons on low voltage
 Constant pressure push buttons for the audible alarm
 Key switch "on/off"
 Personalized engraved lamicoid or stainless-steel plate
 Push button for option – Open door

LANDING CALL PANELS

Call constant pressure push buttons
 Key selector "on/off"
 Engraved lamicoid or stainless steel
 Multichoice of push buttons and personalization of control panels

Telecommunication

Handset phone with standard keyboard or auto-dialing hands-free intercom (Viking)

ELEVATOR SHAFT

Pit	Depth of 6" (152 mm)
Required overhang	96" (2438 mm) over the top floor. Minimum of 85" (2159 mm) if limited space.
Anchor wall – Bearing wall	Wood, steel or concrete

DOORS

Landing doors and cabin

LANDING DOORS AND CABIN DOORS

Swing type, single leaf
 Standard landing doors: Height 80" (2032 mm) X Width 36" (914 mm)
 Possible widths: 32" (813 mm) to 42" (1067 mm)
 Multichoice of embossed models and variety of looking-through glasses
 Options : Solid wood core or fire-rated steel, 90 minutes ULC

OPENING AND CLOSING MECHANISM

Delayed action door closer or automatic door opener

DRIVEMACHINE

Movement speed

Approximative movement speed of 30'/minute (0.12 meters/second)
 to 50'/minute (0.25 meters/second)

SECURITY

Parachutes	Type A security brakes
Emergency going down	Security devices anchored on the pumping unit and the lower floor allowing manual going down of the platform in case of emergency
Relief valve	Limits the system pressure at most 50% above the operating pressure avoiding incidents in case of overload in the device.
Landing lock	Electromechanics GAL Type N or Option X-Tronics Security device on the doors avoiding the movement of the platform if a door is not properly closed or if the cabin is absent. The landing door remains locked if the device is in operation or the cabin is not on the floor.

[See the EL-103V2 technical sheet for more information.](#)

Cabin customization

Intercom station

Type DEL Lighting

Floor calling station

Glass panel

Phone keyboard station

Door closer

Look-through glass

Manual going down

Electric door opener

Opening door button

Intercom

Standard control station

Handrail

Key selector

Emergency stop

