

EL-403

Device type Service-lift
Commercial & Institutional

Model EL-403

MAIN SPECIFICATIONS

Description of product and use Service lift designed in order to ease work and ensure security in handling small items from one floor to another

Applicable norms CSA-B44, Section 7

Course / Trajectory Maximum 30 feet **Calculated from the lower floor to the top floor**

Capacity / Rated load 200 lb (118 kg)

595 lb (270 kg)

CABIN

Cabin structure Stainless steel 304 #4 or food grade

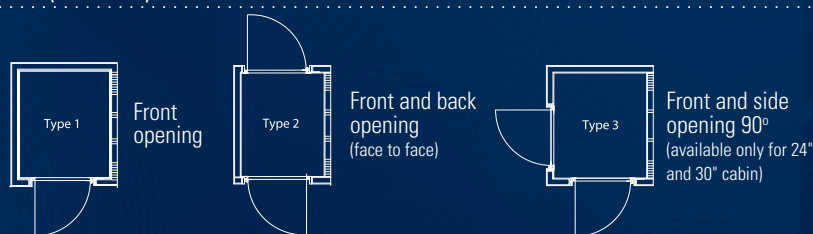
Cabin dimensions 30" X 30" (762 mm X 762 mm)

24" X 24" (610 mm X 610 mm)

20" X 20" (508 mm X 508 mm)

Cabin height 36" (914 mm)

Possible configurations



Cabin floor finish Stainless steel

Cabin wall panels finish Stainless steel

Cabin ceiling Stainless steel

Cabin lighting Energy efficient light (optional)

Heating light (optional)

In-cabin options Removable full or perforated shelves

Removable tray shelf

CONTROL BUTTONS

Control panel, push buttons and indicators

LANDING CALL PANELS

Direct acting call/send buttons direct action move (momentary pressure)

Engraved lamicaid

Recessed call plate in the landing door frame

Optional:

- Engraved stainless steel call plate

- Independent call plate (on wall)

- Key selector "on/off"

Indicators:

• Sound alarm for at floor cabin arrival

• Tell-tale light on top of landing door:

- Open door

- Cabin at landing

EL-403

ELEVATOR SHAFT

Dimensions	Plans and specifications tailored according to cabin size and chosen requirements
Pit / Concrete slab	Minimum 4" concrete slab (Wooden floor possible)
Required overhang	96" (2438 mm) over top floor
Anchor wall – Bearing wall	Wood or concrete

DOORS

LANDING DOORS AND CABIN DOORS

Landing doors and cabin	<ul style="list-style-type: none"> - Swing type (various finishes available) : primer or stainless steel Landing doors: height 38¼" (972 mm) X width 30" (762 mm) Landing doors: height 38¼" (972 mm) X width 24" (610 mm) Landing doors: height 38¼" (972 mm) X width 20" (508 mm) - Tailored guillotine type sliding landing doors, (stainless steel) (Option) - Fireproof steel 90 minutes ULC
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Cabin doors

CABIN DOORS:

Stainless steel synchronized double guillotine

TECHNICAL SPECIFICATIONS

Mechanical room	Electrical implementation as specified on plans and specifications Without a mechanical room: access hatch to the mechanism.
Main power supply	240V / 208V / 600V
Lighting power supply	120 / 1 / 60
Controller	Relay controller JDW-1001 according to CAN/CSA-B44 norm

DRIVE MECHANISM

Drive system	Electrical with drum and pulley
Movement speed	Approximative movement speed: 30'/minute (0.15 meter/second) or 50'/minute (0.25 meter/second)
Drive rails	"C" stainless steel
Drive cables	7X19 MIL-DTL-8342M military steel, 3/16" (4.7625 mm) diameter Breaking load: 4200 lb (1905 kg)
Pumping unit	N/A

SECURITY

PUBLIC SAFETY

Parachutes	Security breaks: Type A
Emergency descent	Security device allowing manual descent of the lift in case of emergency
Relief valve	N/A
Landing lock	Electromechanics GAL type N Security device on the doors avoiding the movement of the service-lift if a door is not properly closed. The landing door remains locked if the device is in operation or the cabin is not on the floor.