

Device type

Elevator / Commercial

Model

EL-723

Commercial name

Voltige+

MAIN SPECIFICATIONS

Product description and use

Commercial passenger elevator designed for 2-to-5-floor buildings
 Maximal course limited to 40 feet and cabin area limited to 25 square feet
 Rated load: Maximum 2500 lb (1134 kg)

Applicable norms

CSA-B44-07

Course / Trajectory

Maximum 40' (12,192 mm). Calculated from the lower floor to the top floor

Capacity / Rated load

Maximum 2500 lb (1134 kg)

CABIN

Cabin structure

Stainless steel #4 finish

Cabin structure

Maximum 25'² (2.32 m²). Possibility of various sizes.

Maximum 54" X 80" (1372 mm X 2032 mm)

Dimensions on request

Cabin height

86' (2184 m)

Possible configurations

See flyer

Cabin floor

FINISH MUST BE DONE BY THE BUILDING CONTRACTOR

Panel walls

Fire proof laminate (Choice of available colours)

Options: Stainless steel - Mirror panels

Architect's special requests are possible.

Cabin ceiling

Suspended ceiling (lamine)

In-cabin lighting

Main lighting: 4 x Del 12 vcc

Handrails

Stainless steel

**Special request are possible.

CONTROL BUTTONS

Control panel and push buttons

CABIN

Brushed stainless steel control panel

Arrival indicator on floors (gong)

Stainless steel square push buttons Dupar type at momentary pressure (direct action)

Open-door/Close-door buttons

On floors Open-door/Close-door buttons

Emergency light on the deck - Audible alarm

Emergency phone

All inscriptions in braille for the blind

Visual position indicator

Options: - Card reader - Service cabinet

FLOORS

Cabin call, up and down

Maintenance access switch

Visual position indicator

Option: - Card reader

Emergency communication Rath SmartPhone 6

Telecommunication

SHAFT

Dimensions	Plans and specifications provided according to chosen cabin size
Depth of pit	52" (1321 mm)
Required overhang	138" (3505 mm) above the top floor
Anchor wall - Bearing wall	HSS 4" steel or concrete

DOORS

Landing and cabin doors	Two-speed automatic sliding doors, stainless steel #4 finish or beige painted steel Net opening: 36" (914 mm) X 84-5/8" (2149.475 mm) Net opening: 42" (1067 mm) X 84 5/8" (2149 mm)
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TECHNICAL SPECIFICATIONS

Mechanical room	Dimensions and requirements on plans and specifications
Main power	208/3/60
Lighting power supply	600/3/60 Lights: 120 / 1 / 60
Control	JRT-RELAIS JHD CSA B44 Control for hydraulic elevator 100'/minute (0.5 m/second)

DRIVE MACHINE

Driving system	Hydraulic cable
Movement speed	Maximum 100'/minute (0.5 m/second). Soft start and stop
Driving rails	Monteferro T89/B
Driving cables	4 elevator cables 3/8" (9.5 mm) Tear resistance of 10,500 lb (4763 kg) per cable
Pumping unit	Submersible pump - EV-100 valve (equipped with manual descent)

SECURITY

Brakes	Instant braking safety parachutes
Emergency descent	On pumping unit, allowing manual descent
Relief valve	Limits the system pressure at most 35% above the operating pressure.
Light curtain	Presence detection system in the doorway to avoid any incidents when doors are closing.
Speed regulator	Overspeed detection system actuating the brakes if the descent speed exceeds 150'/minute.