

# EL-703

Device type Elevator / Commercial

# Model EL-703

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: 2100 lb (952.5 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 2100 lb (952 kg)

## CABIN

Cabin structure Stainless steel #4 finish

Cabin structure Maximum 25<sup>2</sup> (2.32 m<sup>2</sup>) . Possibility of various sizes.

Examples of sizes:

60" X 60" (1524 mm X 1524 mm)

48" X 75" (1219 mm X 1905 mm)

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 (laminated)

In-cabin lighting Main lighting: 4 x Del 12 vcc

Auxiliary lighting: 2 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

Telecommunication **TWO-WAY COMMUNICATION: VIKING E-30**

### SHAFT

Dimensions	Plans and specifications provided according to chosen cabin size
Depth of pit	52" (1321 mm)
Required overhang	136" (3454 mm) above the top floor
Anchor wall - Bearing wall	HSS 4" steel or concrete

### DOORS

#### LANDING AND CABIN 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)
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### TECHNICAL SPECIFICATIONS

Mechanical room	Dimensions and requirements on plans and specifications
Main power	208/3/60 240/1/60 600/3/60
Lighting power supply	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	2 elevator cables 3/8" (9.5 mm) Tear resistance of 14,400 lb (6532 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.