



GMV North America
For over 60 years, a leader in the manufacture
of low-rise hydraulic elevators



EDGE SERIES
Commercial
Passenger
Elevators

COMPANY DESCRIPTION

GMV has been a leader in the design and manufacture of hydraulic elevator technologies for more than 60 years. We have more than 800,000 elevators installed worldwide and have a global reach that provides the best technology and elevator design available for our North American customers. GMV North America's EDGE hydraulic elevator is an affordable and reliable solution for vertical transportation in low-rise buildings.

PRODUCT DESCRIPTION

The EDGE series commercial passenger elevators offer the simplicity of design, proven reliability, and low total cost of ownership that architects, building owners and elevator companies expect in a low-rise hydraulic elevator.

The EDGE elevator is the perfect solution for almost any low-rise building, including apartments and condominiums, retail outlets, hotels, hospitals and more.

The EDGE offers an assortment of design layouts and finishes to suit any building configuration and interior décor. It uses the most rugged materials to provide long service life. Also, because we use non-proprietary components, maintenance and replacements are simple, fast, and affordable. More, this elevator package provides shorter installation times and fewer call-backs resulting from our pre-tested, plug-n-play wiring and our 100% complete package approach.

TECHNOLOGY BRIEF

The EDGE elevator is a hole-less hydraulic system that does not require boreholes to accommodate the cylinders, reducing environmental risks and speeding the installation.

Its mechanically synchronized dual-jack arrangement, 3010 Series valve and the microprocessor-based controller, provides the ultimate in ride quality, safety, and reliability. The design of this elevator and the materials supplied by GMV comply with the ASME17.1 and CSA B44 elevator codes for the USA and Canada.



STANDARD FEATURES

Power Unit ▶

- Submersible and dampened motor reduces noise and vibration while the elevator is in use
- 3 spindle positive displacement screw pump provides long life and quiet operation
- Vented reservoir eliminates condensation build-up
- Oil cooler supplied when required



◀ 3010 Series Valve

- Provides smooth transition from up start to full speed and transition from full speed to level speed to stop in both up and down directions
- Pressure compensation is a standard function in the GMV 3010 Valve from no load to full load in the down direction
- Contract Speed in the down direction is achieved regardless of load on the car

360 Controller ▶

- Non-proprietary, micro-controller based
- Standard soft-starting of pump motor
- UPS battery backup and emergency operation per ASME17.1/CSA B44-2010
- Standard operation: Selective/Collective
- Phase I fire recall and Phase II in car operation is provided to perform according to code requirements
- Fire Service operation will comply with ASME A17.1/ CSA B44-2010 requirements
- Independent Service: Standard
- Diagnostic/Set Up Screen and LED indicators directly on main controller board. No special diagnostic tools are required
- Simple to use auto-learn process to identify each floor accurately



Drive Type ▶

- Direct acting, mechanically synchronized twin jacks
- Depending on travel and load, this design incorporates GMV 1008 series single stage jacks or GMV TCS Series multi-stage (2 stage or 3 stage), mechanically synchronized jacks
- Mechanically synchronized telescopic jacks cannot develop costly out-of-synch conditions, which will often occur in hydraulically synchronized telescopic jacks



◀ GMV Victory Doors

- Fire-rated, strong, and light weight door panels
- 2 Speed, side opening, 36" or 42" depending on elevator capacity
- Powder coated (Beige), plain steel or 304 stainless steel door panels available
- Closed loop, 24 VDC Drive with adjustable soft start, soft stop, opening speed and closing speed

Speed Wiring System ▶

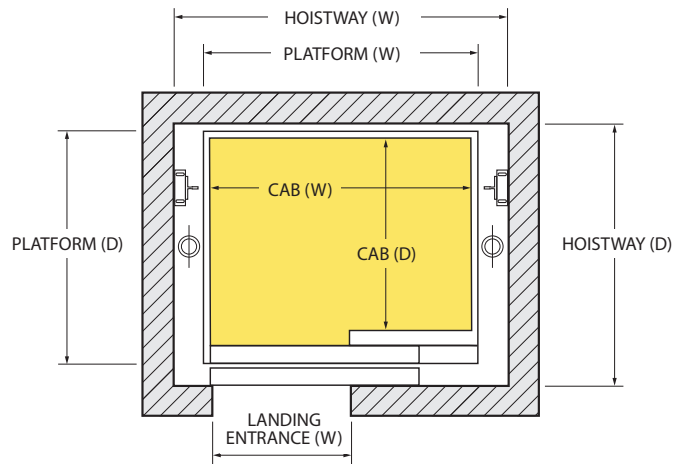
- 100% of the wiring is factory built and tested reducing installation time and start-up
- Simplified troubleshooting, reducing maintenance costs
- All termination points are plug-together at devices
- Wire harnesses are factory installed in UL/CSA approved metal wiring troughs



◀ GMV Speed-Pipe System

- Factory designed pipe kit based on your machine room details
- 100% of the hydraulic pipe and fittings required to complete the installation
- All pipe sections are cut to length, grooved, and cleaned in the factory
- The pipe and fittings are factory-loaded in clearly marked packaging

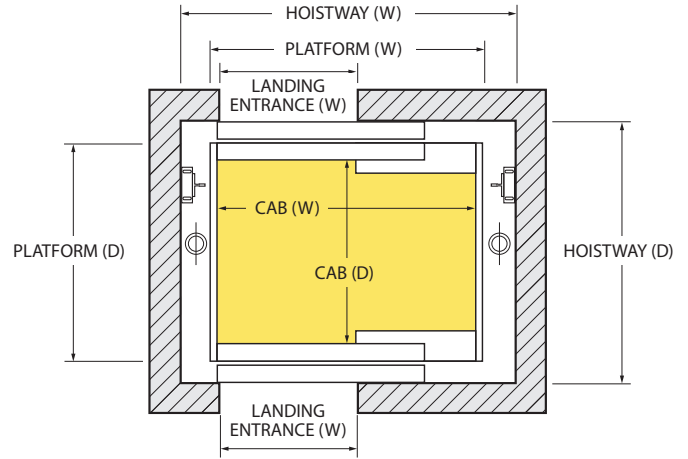
FRONT ONLY (INLINE) SPECIFICATIONS



Front Only (Inline)

Elevator	RATINGS			Cab Type	DIMENSIONS			
	Nominal Speed ft/min (m/s)	Max. Travel ft (mm)	Max. Capacity lbs (kg)		Cab Inside (Clear) W x D ft-in (mm)	Landing Entrance W x H ft-in (mm)	Hoistway W x D ft-in (mm)	Platform W x D ft-in (mm)
Front Only (In-Line)								
EDGE-2175-F	75 (0.37)	53' (16154)	2100 (953)	Standard Cab	5'-9" x 4-3" (1753 x 1295)	3'-0" x 7-0.62" (914 x 2149)	7'-4" x 5-9" (2235 x 1753)	6'-0" x 5-0" (1829 x 1549)
EDGE-2110-F	100 (0.50)							
EDGE-2112-F	125 (0.62)							
EDGE-2115-F	150 (0.75)							
EDGE-2575-F	75 (0.37)	51' (15545)	2500 (1134)		6'-9" x 4-3" (2057 x 1295)	3'-6" x 7-0.62" (1067 x 2149)	8'-4" x 5-9" (2540 x 1753)	7'-0" x 5-0" (2134 x 1549)
EDGE-2510-F	100 (0.50)							
EDGE-2512-F	125 (0.62)							
EDGE-2515-F	150 (0.75)							
EDGE-3075-F	75 (0.37)	48' (14630)	3000 (1361)		6'-9" x 4-9" (2057 x 1448)	3'-6" x 7-0.62" (1067 x 2149)	8'-4" x 6-3" (2540 x 1905)	7'-0" x 5-7" (2134 x 1702)
EDGE-3010-F	100 (0.50)							
EDGE-3012-F	125 (0.62)							
EDGE-3015-F	150 (0.75)							
EDGE-3575-F	75 (0.37)	46' (14021)	3500 (1588)		6'-9" x 5-5" (2057 x 1651)	3'-6" x 7-0.62" (1067 x 2149)	8'-4" x 6-11" (2540 x 2108)	7'-0" x 6-3" (2134 x 1905)
EDGE-3510-F	100 (0.50)							
EDGE-3512-F	125 (0.62)							
EDGE-3515-F	150 (0.75)							
EDGE-2875-DF	75 (0.37)	48' (14630)	2890 (1311)	Deep Cab	4'-10" x 6-8" (1486 x 2032)	3'-6" x 7-0.62" (1067 x 2149)	6'-8" x 8-7" (2032 x 2616)	5'-2" x 7-5" (1575 x 2273)
EDGE-2810-DF	100 (0.50)							
EDGE-2812-DF	125 (0.62)							
EDGE-2815-DF	150 (0.75)							
EDGE-3575-DF	75 (0.37)	46' (14021)	3500 (1588)		5'-8" x 6-8" (1740 x 2032)	3'-6" x 7-0.62" (1067 x 2149)	7'-5" x 8-7" (2261 x 2616)	6'-0" x 7-6" (1829 x 2286)
EDGE-3510-DF	100 (0.50)							
EDGE-3512-DF	125 (0.62)							
EDGE-3515-DF	150 (0.75)							
EDGE-4075-DF	75 (0.37)	51' (15545)	4000 (1814)	5'-8" x 7-9" (1740 x 2362)	3'-6" x 7-0.62" (1067 x 2149)	7'-7" x 9-7" (2311 x 2946)	6'-0" x 8-6" (1829 x 2604)	
EDGE-4010-DF	100 (0.50)							
EDGE-4012-DF	125 (0.62)							
EDGE-4015-DF	150 (0.75)							

FRONT & REAR (THRU-CAB) SPECIFICATIONS



Front & Rear (Thru-Cab)

Elevator	RATINGS			Cab Type	DIMENSIONS			
	Nominal Speed ft/min (m/s)	Max. Travel ft (mm)	Max. Capacity lbs (kg)		Cab Inside (Clear) W x D ft-in (mm)	Landing Entrance W x H ft-in (mm)	Hoistway W x D ft-in (mm)	Platform W x D ft-in (mm)
Front & Rear (Thru-Cab)								
EDGE-2175-R	75 (0.37)	53' (16154)	2100 (953)	Standard Cab	5'-9" x 4-3" (1753 x 1295)	3'-0" x 7-0.62" (914 x 2149)	7'-4" x 6-8" (2235 x 2032)	6'-0" x 5-8" (1829 x 1727)
EDGE-2110-R	100 (0.50)							
EDGE-2112-R	125 (0.62)							
EDGE-2115-R	150 (0.75)							
EDGE-2575-R	75 (0.37)	51' (15545)	2500 (1134)		6'-9" x 4-3" (2057 x 1295)	3'-6" x 7-0.62" (1067 x 2149)	8'-4" x 6-8" (2540 x 2032)	7'-0" x 5-8" (2134 x 1727)
EDGE-2510-R	100 (0.50)							
EDGE-2512-R	125 (0.62)							
EDGE-2515-R	150 (0.75)							
EDGE-3075-R	75 (0.37)	48' (14630)	3000 (1361)		6'-9" x 4-9" (2057 x 1448)	3'-6" x 7-0.62" (1067 x 2149)	8'-4" x 7-2" (2540 x 2184)	7'-0" x 6-2" (2134 x 1880)
EDGE-3010-R	100 (0.50)							
EDGE-3012-R	125 (0.62)							
EDGE-3015-R	150 (0.75)							
EDGE-3575-R	75 (0.37)	46' (14021)	3500 (1588)		6'-9" x 5-5" (2057 x 1651)	3'-6" x 7-0.62" (1067 x 2149)	8'-4" x 7-10" (2540 x 2388)	7'-0" x 6-3" (2134 x 1905)
EDGE-3510-R	100 (0.50)							
EDGE-3512-R	125 (0.62)							
EDGE-3515-R	150 (0.75)							
EDGE-2875-DR	75 (0.37)	48' (14630)	2890 (1311)	Deep Cab	4'-10" x 6-8" (1486 x 2032)	3'-6" x 7-0.62" (1067 x 2149)	6'-8" x 7-11" (2032 x 2426)	5'-2" x 7-11" (1575 x 2426)
EDGE-2810-DR	100 (0.50)							
EDGE-2812-DR	125 (0.62)							
EDGE-2815-DR	150 (0.75)							
EDGE-3575-DR	75 (0.37)	46' (14021)	3500 (1588)		5'-8" x 6-8" (1740 x 2032)	3'-6" x 7-0.62" (1067 x 2149)	7'-5" x 9-0" (2261 x 2743)	6'-0" x 8-0" (1829 x 2451)
EDGE-3510-DR	100 (0.50)							
EDGE-3512-DR	125 (0.62)							
EDGE-3515-DR	150 (0.75)							
EDGE-4075-DR	75 (0.37)	51' (15545)	4000 (1814)	5'-8" x 7-9" (1740 x 2362)	3'-6" x 7-0.62" (1067 x 2149)	7'-7" x 10-0" (2311 x 3048)	6'-0" x 9-0" (1829 x 2756)	
EDGE-4010-DR	100 (0.50)							
EDGE-4012-DR	125 (0.62)							
EDGE-4015-DR	150 (0.75)							

INTERIOR DESIGN

GMV offers a wide range of Cab interior design elements including numerous standard laminate panels, black or stainless-steel reveals and your choice from an array of hall stations, button colors, position indicators and cab panel finishes

Laminate Options



Control Operating Panel



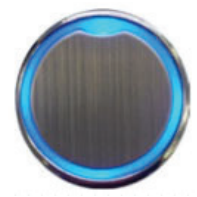
Hall Stations



Button Options



Brass and Red Halo



Stainless Steel and Blue Halo



Stainless Steel and Red Halo



100% COMPLETE PACKAGE APPROACH

Our Complete Package system reduces installation time by up to 40%, shortens on-site testing and reduces errors and costly call-backs to the job site.

Reduced time off-site

GMV North America has taken away the need for off-site supply runs by including all necessary hardware, right down to the hydraulic oil.

All-in-one Shipping

The advantages here are two-fold. First, our partners need only deal with one shipment as opposed to multiple. Second, our robust packaging has proven to reduce product damage both during delivery and on-site.

GMV Speed Wiring Kit

Our packages offer full-scope wiring to simplify installation by providing plug-in connections. You benefit with from this secure pre-wired approach, significantly reducing installation time.

The electrical system included with the package is completely tested in the factory prior to shipment. This allows our installed elevators to operate at the "first push" of the button and reduces testing and commissioning time.

GMV Speed Pipe Kits

The GMV elevator package includes all the required hydraulic pipe and fittings to complete the installation. The pipe sections are pre-cut to length, grooved and cleaned in the factory. Each kit comes with detailed installation drawings based on the location of the machine room or closet

Authorized Dealer:



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Brantford, Ontario N3P 1J5

T: 437-233-5438
TF: 1-877-707-5004
E: info@alliance-elevator.com
W: www.alliance-elevator.com



ADVANTAGE PARTNER PROGRAM

As a member of GMV North America's Advantage Partner Program elevator companies become part of our exclusive network, verified by the Advantage Partner Seal. Our seal is a beacon to all of our valued clients that represents unparalleled quality, ultimate safety and superior service.

Advantage Partner Portal

The Advantage Partner Portal provides GMV partners with exclusive online access to product information, specifications, literature, and CRM tools to help build their business.

Instant Pricing

GMV Advantage Partners gain the ability to access elevator package pricing immediately through our CRM based order management tools.

Proposals and Drawings

The GMV Advantage Partner Portal includes a product configuration system that allows users to configure an elevator to their specifications and then download a customized proposal document and a complete set of review drawings.



Proud Member of
Canadian Elevator
Contractors Association /
Association Canadienne des
Entrepreneurs en Ascenseurs



GMV-North America manufactures 100% complete packages that are revolutionizing the elevator industry. Our non-proprietary design provides the utmost in maintenance provider choice and reduces long term costs. We work with architects, general contractors, and more to save our clientele valuable time and money during installation.