



# EDGE Low-Rise Commercial Elevator



Experience.

Delivering Innovation, Reliability and Economy.

# EDGE - PRODUCT SPECIFICATIONS

A leader in the manufacture of elevators.



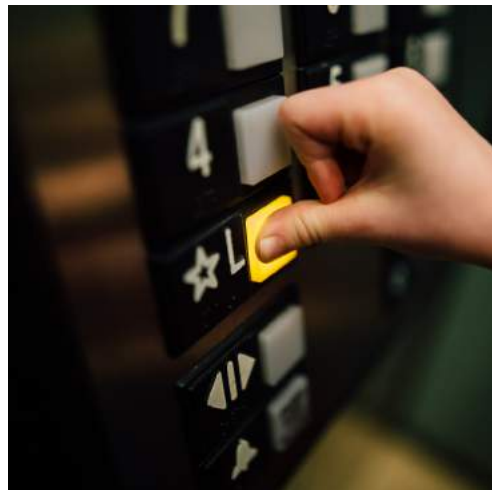
## LOW-RISE ELEVATOR

"Our EDGE hydraulic elevator is an ideal affordable and reliable solution for our clients. In fact, Architects, Elevator Installers, and Building Owners find this product perfect for their low-rise buildings. Also, because we use non-proprietary components, maintenance and replacements are simple and fast. More, this elevator package provides industry-leading safety and short-term installation times. EDGE is best fitted into structures with 50 ft (15.24 M) of travel or less. Therefore, our elevators move people effortlessly between floors."

Should you have any questions, please contact us via:  
 Email: [info@alliance-elevator.com](mailto:info@alliance-elevator.com) or Phone: 1-877-707-5004

### Elevator Specifications - EDGE

<b>Technology:</b> Holeless Fluitronic Elevator Systems.	<b>Max. Gross Load:</b> 4000 lb. (1814 kg).
<b>Max. Travel:</b> Suited for buildings under 50 Ft.	<b>Nominal Speed:</b> ft/min: 75 (0.37), 100 (0.50), 125 (0.62), 150 (0.75).
<b>Max. Stops:</b> 7.	<b>Pump &amp; Motor:</b> Unit varies. Please speak with a representative.
<b>Valve:</b> GMV 3010S.	<b>Auxiliary Power:</b> 120V, 15A, 1PH.
<b>Main Power:</b> 208V, 1PH.	<b>Drive Unit:</b> Unit varies. Please speak with a representative.
<b>Emergency Operation:</b> Battery backup during power failure. Emergency stop switch inside car. Emergency lowering with manual lowering button.	<b>Oil Reservoir:</b> 3 Spindle screw submerged pump. Motor and control valves patented design package.



## EDGE - GENERAL INFORMATION

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### SAFETY & SECURITY

- Automatic Door Interlocks: CSA/UL approved interlocks preventing landing door opening when car not at the floor.
- Door restrictor: Mechanical-magnetic restrictor preventing cab door opening when car not at the landing.
- Line Rupture Valve (LRV): Flow control safety valve.
- Auto Re-levelling: Anti-creep releveling system.
- Door-bypass detection: Detects bypass of door contacts.
- Micro-Scan Motion Detectors: Full length light curtains- detecting objects in front of doors, causing them to reopen.
- Car top inspection station.

### CAB DESIGN OPTIONS

- We offer a wide variety of Cab Design options. Please review our Interior Cab Design Brochure to understand all our options and how they may be used for your project.
- GMV North America is a leader in elevator manufacturing thanks to our Elevator Configurator service. Please speak with a representative to design your own cab with our simple-to-use configurator.

### PROVEN FLUITRONIC SYSTEM

- Guide Rails: 8lb T-rail pre-welded for smooth ride.
- Car Frame: Direct 701 cantilever.

### CONTROLS & POWER REQUIREMENT

- Elevator Controller: CSA approved micro-controller based system with solid-state devices.
- Wiring: Plug and play harness with electrical duct.

### COMPLETE, NON-PROPRIETARY PACKAGES

- 100% of the parts, hardware, and fixtures needed to build complete elevators received on site; lowers installation time by ~ 40%, by reducing call-backs and re-works.
- Job specific layout drawings. Detailed hoist way and machine room construction drawings.
- Pre-wired and pre-tested plug-in connections that mate every button, sensor, and limit switch to the controller.
- Non-Proprietary design incorporates widely available and fairly priced components.

### GMV ADVANTAGE PARTNER PROGRAM

- GMV North America's network of trained Advantage Partners provide local installation and service to Architects, General Contractors and Building Owners.
- Experts in local building codes and regulations specific to any state, province, or city.
- Supports your local community and the people who live there.

# EDGE - FRONT

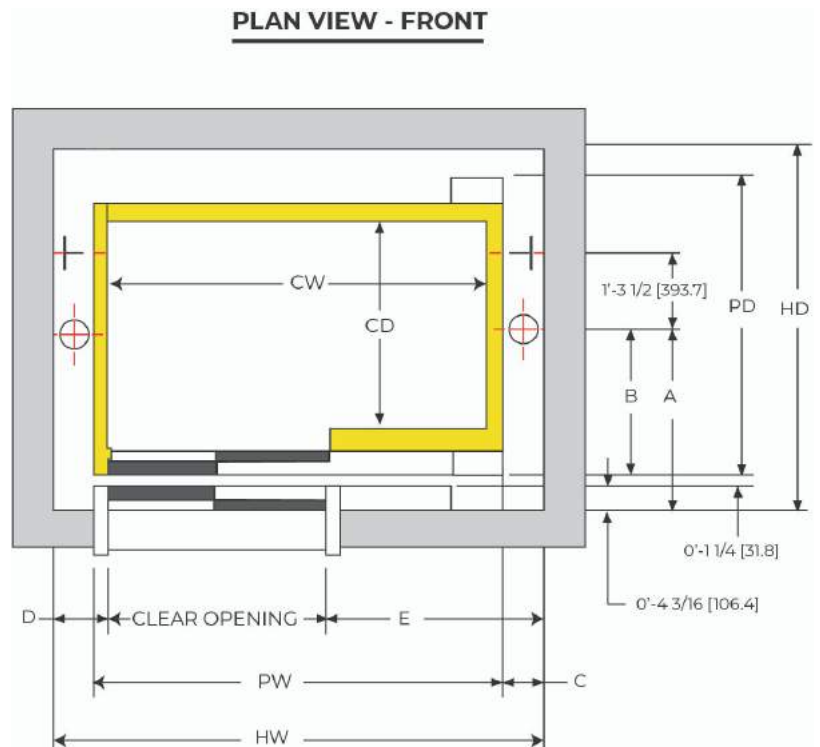
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Opening Width x Height (OW x OH)	Platform Size Width x Depth (PW x PD)	Clear Cab Inside Width x Depth (CW x CD)	Hoistway Width x Depth (HW x HD)	A	B	C	D	E
3'-0" x 7'- 5/8" (914 x 2149)	6'-0" x 5'-1" (1828 x 1549)	5'-9" x 4'-3" (1740 x 1295)	7'-4" x 5'-9" (2235 x 1753)	2'-10 1/2" (876)	2'-6 1/2" (775)	8 3/4" (222)	10 1/8" (257)	3'-5 7/8" (1064)
3'-6" x 7'- 5/8" (1067 x 2149)	7'-0" x 5'-1" (2134 x 1549)	6'-9" x 4'-3" (2057 x 1295)	8'-4" x 5'-9" (2540 x 1753)	3'- 3/16" (919)	2'-6 1/2" (775)	8 3/4" (222)	10 1/8" (257)	3'11 7/8" (1216)
3'-6" x 7'- 5/8" (1067 x 2149)	5'-2" x 7'- 5 3/8" (1574 x 2271)	4'-10 1/2" x 6'-8" (1486 x 2032)	6'-8" x 8'-6 11/16" (2032 x 2608)	4'-2 5/16" (1278)	3'-8 9/16" (1132)	8" (203)	1' - 3/16" (309)	2' 1-13/16" (656)
3'-6" x 7'- 5/8" (1067 x 2149)	7'-0" x 5'-7" (2134 x 1702)	6'-9" x 4'-9" (2057 x 1448)	8'-4" x 6'-3" (2540 x 1905)	3'-3 3/16" (995)	2'-9 1/2" (851)	8 3/4" (222)	10 1/8" (257)	3'11 7/8" (1216)
3'-6" x 7'- 5/8" (1067 x 2149)	7'-0" x 6'-3" (2134 x 1905)	6'-9" x 5'-5" (2057 x 1651)	8'-4" x 6'-11" (2540 x 2108)	3'-7 3/16" (1097)	3'-1 1/2" (952")	8 3/4" (222)	10 1/8" (257)	3'11 7/8" (1216)
3'-6" x 7'- 5/8" (1067 x 2149)	6'-0" x 7'-6" (1829 x 2286)	5'-8 1/2" x 6'-8" (1739 x 2032)	7'-4 11/16" x 8'-6 11/16" (2252 x 2608)	4'-2 3/4" (1289)	3'-9" (1143)	8 11/32" (212)	10 13/16" (275)	2'-13/16 (910)
3'-6" x 7'- 5/8" (1067 x 2149)	5'-11 11/16" x 8'-6 7/16 (1828 x 2602)	5'-8 1/2" x 7'-9 1/16" (1739 x 2364)	7'-6 15/16" x 9'-7 3/4" (2310 x 2940)	4'-8 15/16" (1447)	4'-3 3/16" (1301)	9 15/32" (241)	12 (304)	3' - 31/32" (939)

All measurements in ft.in (mm)

Capacity lbs (kg)	Max Travel (Note 2) ft.in (mm)
2100lbs (952)	53'-0" (16154)
2500lbs (1134)	51'-0" (15545)
2890lbs Deep (1311)	48'-0" (14630)
3000lbs (1361)	48'-0" (14630)
3500lbs (1588)	46'-0" (14021)
3500lbs Deep (1814)	46'-0" (14021)
4000lbs Deep (1814)	51'-0" (15545)
<b>Opening Type: All Door Types:</b> 2SSO = 2 Speed, Side Opening	



# EDGE - FRONT AND REAR

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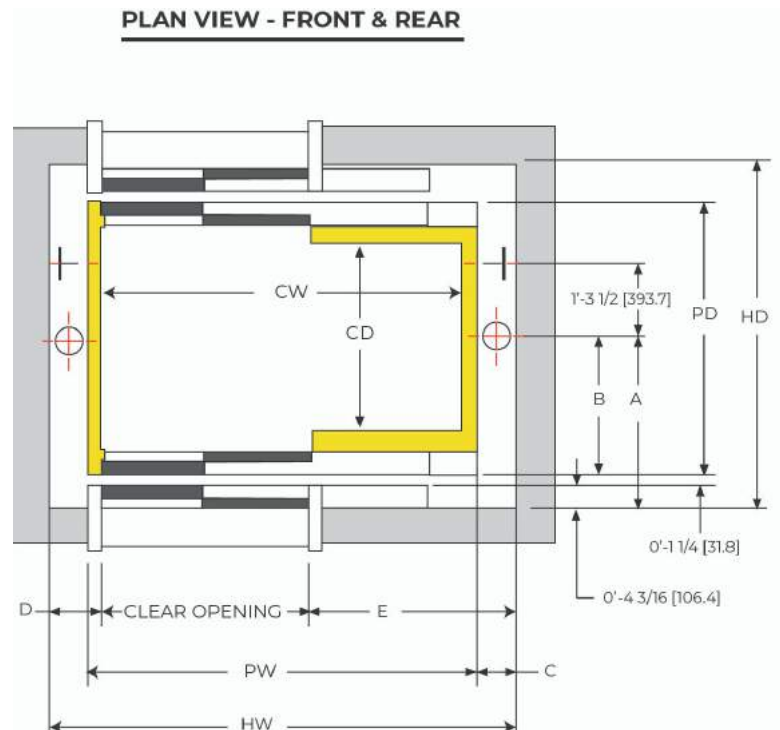


Opening Width x Height (OW x OH)	Platform Size Width x Depth (PW x PD)	Clear Cab Inside Width x Depth (CW x CD)	Hoistway Width x Depth (HW x HD)	A	B	C	D	E
3'-0" x 7'-5/8" (914 x 2150)	6'-0" x 5'-7 1/2" (1829 x 1715)	5'-9" x 4'-3 1/2" (1753 x 1308)	7'-4" x 6'-7" (2235 x 2007)	3'- 3 1/2" (1003)	2'-9 3/4" (857)	8" (203)	10 1/8" (257)	3'-5 7/8" (1063)
3'-6" x 7'-5/8" (1065 x 2150)	7'-0" x 5'-7 1/2" (2134 x 1715)	6'-9" x 4'-3 1/2" (2057 x 1308)	8'-4" x 6'-7" (2540 x 2007)	3'- 3 1/2" (1003)	2'-9 3/4" (857)	8" (203)	10 1/8" (257)	3'-11 7/8" (1218)
3'-6" x 7'-5/8" (1065 x 2150)	5'-2" x 7' - 11 1/2" (1574 x 2426)	4' - 10 1/2" x 6'- 8" (1486 x 2032)	6'- 8" x 8' - 11 1/16" (2032 x 2719)	4' - 5 1/2" (1360)	3' - 11 13/16" (1214)	9" (229)	12 3/16" (309)	2' - 1 13/16" (656)
3'-6" x 7'-5/8" (1065 x 2150)	7'-0" x 6'-1 1/2" (2134 x 1867)	6'-9" x 4'-9" (2057x 1448)	8'-4" x 7'-1" (2540 x 2159)	3'-6 1/2" (1080)	3'-0 1/4" (921)	8" (203)	10 1/8" (257)	3'-11 7/8" (1218)
3'-6" x 7'-5/8" (1065 x 2150)	7'-0" x 6'-9 1/2" (2134 x 2070)	6'-9" x 5'-5" (2057 x 1651)	8'-4" x 7'-9" (2540 x 2362)	3'-10 1/2" (1181)	3'-4 3/4" (1035)	8" (203)	10 1/8" (257)	3'-11 7/8" (1218)
3'-6" x 7'-5/8" (1065 x 2150)	6' x 8' - 3/8" (1829 x 2448)	5' - 8 1/2" x 6'- 8" (1740 x 2032)	7' - 4" x 8' - 11 7/8" (2235 x 2740)	4' - 5 15/16" (1370)	4' - 3/16" (1224)	8" (203)	10 1/2" (266)	2' - 11 1/2" (901)
3'-6" x 7'-5/8" (1065 x 2150)	5' - 11 15/16" x 9' - 9/16" (1828 x 2757)	5' - 8 1/2" x 7' - 9 1/16" (1739 x 2364)	7' - 6 15/16" x 10' - 1/16" (2310 x 3049)	5' (1524)	4' - 6 1/4" (1378)	9 15/32" (241)	12 (304)	3' - 31/32" (939)

All measurements in ft.in (mm)

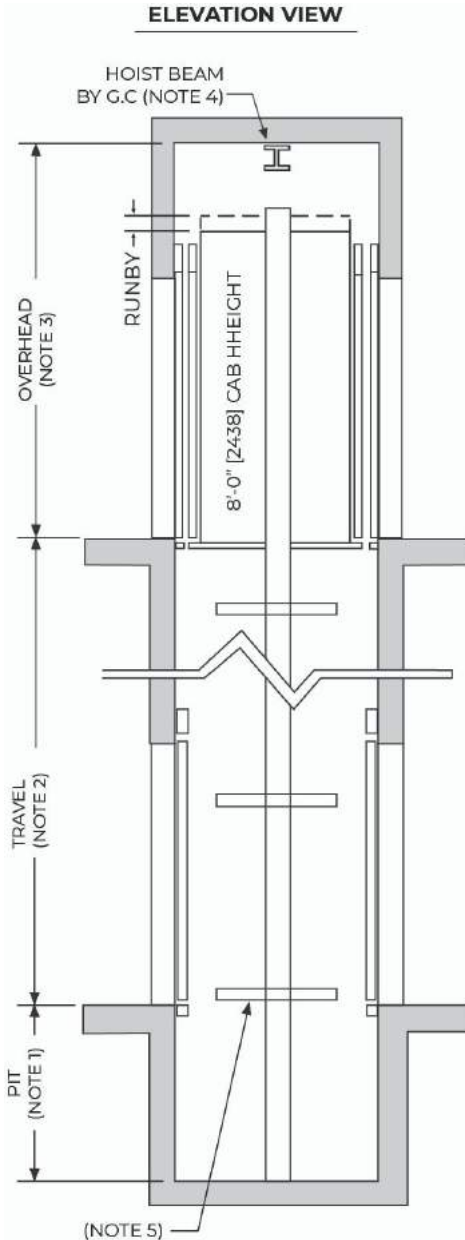
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**Opening Type: All Door Types:**  
2SSO = 2 Speed, Side Opening

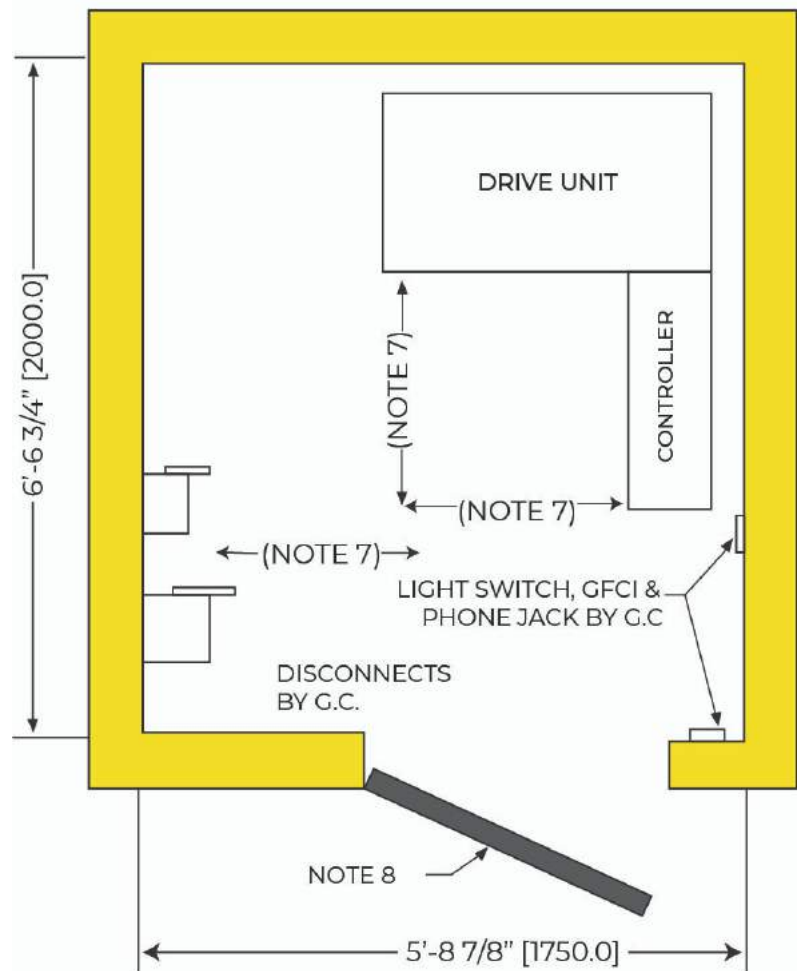


# EDGE - ELEVATION & MACHINE ROOM

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## MACHINE ROOM (NOTE 6)



Please refer to notes on following page\*\*

Front opening shown\*\*

Dimensions in the drawings are representative of both Front & Front and Rear openings.

# GMV - PRODUCT NOTES

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## NOTE 1. PIT DEPTHS

- Conform to local regulations for pit depth
- Some States and Provinces minimum pit depth shall be 1200mm (48")
- Pit depths may change from what is shown based on total travel, available overhead, and speed of elevator, consult GMV North America on exact details.

## NOTE 2. MAXIMUM TRAVEL

- Maximum travel will vary slightly the load, contact GMV North America for exact details

## NOTE 3. OVERHEAD

- Overhead and refuge space requirements may vary, please consult GMV North America for exact details

## NOTE 4. HOISTWAY BEAM

- Beam provided in overhead by General Contractor must support 5000Lbs and may need to be removed by General Contractor after installation has been completed

## NOTE 5. RAIL BRACKET SPACING

- Provisions by the General Contractor shall be made at each floor, pit and overhead for mounting elevator rail brackets, consult with GMV North America for exact spacing and details.

## NOTE 6. ELECTRICAL DISCONNECTS IN MACHINE ROOM

- Main Fused Lockable Disconnect with Auxillary Contact for Drive - 3 Phase 60Hz. Consult GMV North America for Amperage based on Voltage.
- Cab lighting Fused Lockable Disconnect - 1 ph, 15 Amp, 110 Volts

## NOTE 7. MINIMUM CLEARANCE:

- Clear space in front of all equipment in the machine room must be a minimum clearance of 1000mm (38")



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