GCL-H

STANDARD-DUTY HOIST OPERATOR

The GCL-H is designed for high or full-lift sectional and rolling doors that have up to a 30-cycle/ hour and less than a 100-cycle/day requirement. Advanced features and robust mechanical design combine to provide a standard-duty operator that sets a new standard for productivity.

UL 325 Listed

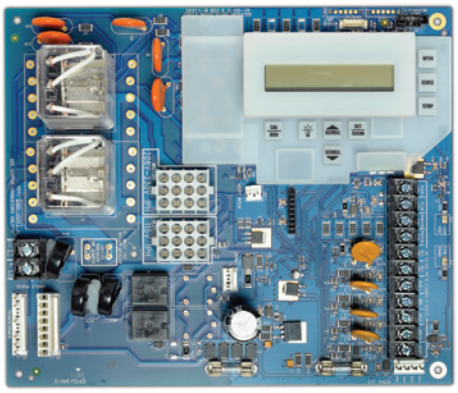
- Allows for monitored entrapment protection and momentary operation when used with select photoeyes and/or edge-sensing devices.
- See back for approved list of monitored devices.

GCL-H Advantages

- MultiVolt® - Order phase specific operator for the job and have the ability to select the right voltage on the job site.
  - Single Phase: 115/208/230 VAC
  - Three Phase: 208/230/460 VAC
  - Three Phase: 575 VAC
- Modular design with optional expansion boards for advanced timer to close, edge sensing and auxiliary output functionality.
- LCD display with intuitive setup menu. Provides real-time status and trouble-shooting assistance.
- Internal receiver with the ability to individually add/delete up to 50 Intellicode® transmitters directly from the LCD display.
- EZ Limit® provides for push to set limits that remain synchronized with door even during long term loss of power.
- TensiBelt® primary drive reduction eliminates need to adjust belt tension.
- Open/close/stop and setup keys included on control board. Keeps all controls near the LCD display used convenient for set up.

Standard Features

- EZ Limit® electro-mechanical limits.
- MultiVolt® voltage simplification.
- Max run timer automatically adjusts to up and down run time.
- TensiBelt® primary reduction.
- Delay on reverse.
- 16-character LCD display.
- UL 325 Listed.
- Advanced radio receiver displays and stores activation by transmitter ID number on the LCD screen.
- 3-button control station.
- 2-year/20,000-cycle warranty.
- Programmable mid-stop.
- Emergency hoist for manual operation; available in right or left hand.
- On-board timed close.



For more information on patents related to this product, visit https://www.geniecompany.com/patents.

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OFFICIAL GARAGE DOOR OPENER of the Pro Football Hall of Fame

GCL-H | STANDARD-DUTY HOIST OPERATOR

MAX DOOR SIZE (SQ*FT) - SECTIONAL

Door Series		Commercial Steel Insulated & Non-Insulated								Thermospan®				ThermoMark™			Aluminum	
		216	216 Ins.	220	220 Ins.	2415	2415 Ins.	2411	2411 Ins.	125	150	200	200-20	530	5150/ 5155	5200/ 5255	451/ K-AL	452/ 464 / K-AL
		Flush		Ribbed						Insulated				Insulated				
Model	Max Door Wt. (lbs)	16GA.	16GA. Ins.	20GA. Steel	20GA. Ins.	24GA.	24GA. Ins.	Nominal 24GA.	Nominal 24GA. Ins.	PU-FIP	PU-FIP 1.38"	PU-FIP 2"	PU-FIP 2" 20GA. Ext.	PU-FIP Raised Panel 1.38"	PU-FIP Raised Panel 1.38"	PU-FIP Raised Panel 2"	1/8" Glass 1.38"	1/4" or 1/2" Glass 1.38"
1/2 HP	1120	256	220	370	256	440	340	320	320	256	360	400	300	360	400	380	360	240
3/4 HP	1370	330	256	440	310	530	400	320	320	256	450	450	370	400	460	440	400	330
1 HP	1620	380	280	500	370	570	410	320	320	256	480	480	420	460	500	480	400	400

MAX DOOR SIZE (SQ*FT) - ROLLING

Door Series		Steel Non-Insulated						Steel Insulated			Counter Doors		Grilles		FireStar® 2" Slat[4]		FireStar® 3" Slat[4]				FireStar® 3" Slat Insulated[4]		Shutters	Sheet
HP/ Voltage	Max Door Wt. (lbs.)	16 GA.	18 GA.	20 GA.	22 GA.	24 GA.	26 GA.	18 GA.	20 GA.	22 GA.	Aluminum	STL/ SST	Aluminum	STL/ SST	20 GA.	22 GA.	16 GA.	18 GA.	20 GA.	22 GA.	20 GA.	22 GA.	Aluminum	26 GA.
1/2 HP	998	297	333	333	416	476	476	238	238	274	N/A	N/A	350	240	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	256
3/4 HP	1220	359	419	419	552	618	N/A	276	276	309	N/A	N/A	450	310	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1 HP	1440	388	461	461	606	621	N/A	297	296	382	126	126	610	450	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

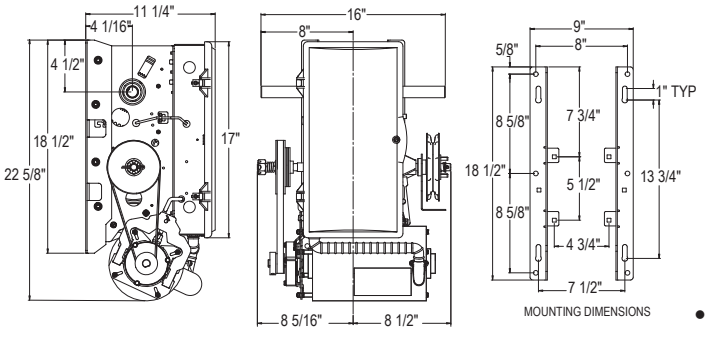
Notes:
1. Max Door Weight and not the square footage, is the critical factor in selecting the proper operator.
2. Max Door Height 24'
3. For "Commercial Steel Insulated" category, various "backer" options are available. The chart above is based in all cases on the thickest backer available.
4. "PU-FIP" stands for "polyurethane, foamed-in-place." If no notation is present, insulation is "polystyrene laid-in-place."
5. GCL-H is UL Listed

Construction

- **Motor**
  AC continuous-duty motor. Motor replaceable without changing limits. Thermally protected.
- **Drive**
  Primary — TensiBelt® auto tensioning poly-V J belt.
  Secondary — chain and sprocket reduction.
- **Brake**
  24 VDC disc brake standard on all models.
- **Friction Clutch**
  Adjustable clutch to help protect against door and operator damage.
- **Precision Radial Ball Bearings**
  Included in critical areas throughout the powertrain.
- **Emergency Hoist Manual Operation**
  Electrically interlocked manual hoist with floor level disconnect.
- **Pre-wired to accept:**
  - Monitored entrapment device such as photoeyes.
  - Single or 3-button control stations.
  - External interlock switches.

AMPERAGE RATING - 60Hz

HP	115V 1PH	208V 1PH	230V 1PH	208V 3PH	230V 3PH	460V 3PH	575V 3PH
1/2	10	5	5	3	3	3	2
3/4	11	6	6	3	4	3	2
1	14	7	7	4	4	3	2



Accessories and Options

- **Timer Close Module**
  This optional module plugs directly into the control board expansion port providing the operator with an automatic door closing feature with a user selectable time delay, adjustable from one second to five minutes (in increments of one second) using the LCD display. The module also includes pre-close warning output contacts, timer hold input, auxiliary open input, normally closed safety input, and monitored edges input.
- **Auxiliary Output Module**
  Provides relay contacts at the open, close, and mid-stop limits. Contacts for 5-minute lamp, and "ADA" contacts set via LCD display to warn during opening, closing or both.
- **Intellicode® Transmitters**
  Available in single up to four button, or open/close/stop models.
- **Edge Sensing Module**
  Input allows connection of a T3 monitored safety edge. When advanced timer close features are required, use the Timer Close Module.
- **Environmental Modifications**
  Totally enclosed non-ventilated, or fan-cooled motors available - Must be ordered from the factory. NEMA 4 or NEMA 4X environmental modifications - Must be ordered from the factory.
- **UL 325 Approved Reversing Devices**
  The installation of a monitored external entrapment device is required for momentary contact close operation on all commercial door operators. The following devices, when purchased through Genie, are UL Approved for use to meet this requirement:
  - Safe-T-Beam® Photoeye Kit with adjustable bracket (P/N 38176R.S). [1]
  - Impact-protected Commercial Photoeye Kit (P/N OPAKPE2.S).
  - MillerEdge ME/MT/CPT (DC or T3) 2-wire edge sensor. Must be used with TCM (OPABTCGX.S), ESM (OPABESX.S), or Interface Module (OPAKMEIGX.S).
  - NEMA 4X Photocells (P/N: OPAKPEN4GX.S).
  - Retro-reflective NEMA 4X Photoeye Kit (P/N: OPGAKRPEN4X.S).
  - Monitored Light Curtains
    - 3 ft. length (P/N: OPAKMLC3.S).
    - 6ft. length (P/N: OPAKMLC6.S).
    - Light curtain mounting brackets (6 total) (P/N: 112809.0001.S).

  [1] — *Default device when operator is ordered.*
- **Commercial Wi-Fi Module - Aladdin Connect®**
  This optional module plugs directly into the control board expansion port providing the operator with the ability to remotely monitor and control your commercial sectional garage door, with your smart device, from almost anywhere at any time while tracking the operation of your door (P/N: OPAKCDCM.S).

GENIE COMMERCIAL LINE

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Item G001.0075 Rev. 12/24

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