

Specifications:

Residential Stair Lift - Model Signature Glide

GENERAL:

SCOPE: To furnish all labour, materials and equipment necessary or required to fully complete the installation of a residential stair chair. The specification is intended to cover the complete installation of a "Signature Glide" stair lift.

SYSTEM DESCRIPTION: The Stair Lift shall consist of a power unit, chair, rail guide system, control system and accessories deemed necessary to provide the required performance operation, code and safety requirements.

QUALITY ASSURANCE: The "Signature Glide" chair lift shall meet and/or exceed applicable codes and regulations of all governing agencies and be in conformance with the most current codes and standards:

- a) CAN/CSA B613-00 Residential Lifts For Persons With Physical Disabilities.
- b) Ontario Electrical Code consisting of CSA C22.1-02 and the Canadian Electrical Code Part 1.
- c) Local codes and regulations as required.

PREPARATORY WORK BY OTHERS: Permanent power to operate the chair lift to be provided to a 120/1/60 duplex receptacle located within 2030mm (80") of the top or bottom landing. Provide clear access to lift installation location and remove all obstacles prior to lift delivery and installation. Provide adequate lighting at lift areas as required by the applicable codes.

PRODUCT DATA:

- a.) The residential stair lift shall be the "Signature Glide" manufactured by Custom Elevator Inc.

Dealer: Canada Custom Elevator Inc.
 2660 Meadowvale Blvd. Unit#1
 Mississauga, Ontario L5N 6M6
 Ph:905.286.4444 Fax:905.286.4355 Toll Free 888.283.1112

Rated Load: 136kg (300lbs.)

Speed: 0.12 m/s (25fpm.)

Operation: Constant Pressure

Power Supply: 120/1/60 15A Duplex Receptacle

Operation: Constant Pressure Switches

Travel Distance: Up to 6096mm (240" or 20')

No. of Stops: 2

- b) Provide a side riding chair configuration. The chair shall be equipped with a 90 degree swivel seat which allows the seat to swivel 90 degrees at the top landing to aid in exiting and entering the chair. The chair shall fold type to enable the seat to fold up when in the storage.
- c) The chair shall include a seat belt for security when travelling between landings.
- d) The chair shall have arm rests that will fold up into the folded (storage) position.
- e) The lift shall have a fold up foot rest.
- f) provide suitable guide rail to support loads. The driven gear shall travel up down the rail and rack. The drive unit is an integral part of the chair and frame.
- g) The drive system shall be rack and pinion.
- h) Normal terminal stopping devices, directly operated by the movement of the carriage, shall be provided at the top and bottom or the runway to stop the carriage at the terminal landings.
- i) Final terminal stopping devices, directly operated by the movement of the carriage, shall be provided at the top and bottom of the runway to stop the carriage and to cut off all power to the operating controls in the event of a failure in the normal terminal stopping device.
- j) Provide leading sensitive edges on the footrest to stop the lift in the direction of travel upon contact with an obstruction.
- k) Control to be constant pressure type controls so that the unit can only move if a switch is being pushed and held.
- l) Chair and landing controls to be UP and DOWN.

Warranty: The "Signature Glide" Stair lift carries a manufacturers (1) one year limited warranty on material and workmanship.

END OF SECTION