

SECTION 14420
TYPICAL STAIRLIFT FOR STRAIGHT STAIRWAYS
SAVARIA MODEL B.07

1. GENERAL

1.1 DESCRIPTION

- A. The product described in this section is manufactured by Savaria Corporation Inc. It is a stairlift designed for straight stairway. It is designed for indoor and outdoor (with optional package) applications. The stairlift shall be erected, installed, adjusted, tested and placed in operation by lift system manufacturer, or manufacturer's authorized installer.
- B. Lifts shall be in accordance with the ASME and local codes and regulations except where specified otherwise

1.2 PREPARATORY WORK BY OTHERS

- A. The following preparatory work to receive the lifts specified in this section is part or the work by others:
Permanent 120 VAC, 15 amp, single phase power to operate lift.

1.3 QUALITY ASSURANCE

A. SUBCONTRACTOR QUALIFICATIONS

- 1. Execute work of this section only by a company that has adequate product liability insurance.
- 2. Skilled tradesmen must be employees of the installing contractor approved by the lift manufacturer, with demonstrated ability to perform the work on a timely basis.

1.4 SUBMITTALS

- A. Shop drawings – the shop drawings shall show a complete layout of lifting equipment detailing dimensions and clearances as required.

1.5 MAINTENANCE

- A. The lift shall be cleaned regularly and inspected at intervals no longer than every 6 months.

1.6 WARRANTY

- A. Unit shall have a 30-month limited parts warranty.

2.0 PRODUCTS

2.1 STAIRLIFT

- A. Basic specifications for Savaria B.07 stairlift

1. Rated load.....	300 lb (136 kg))
2. Rated speed.....	18 f.p.m (0.09 m/s)
3. Angle of incline.....	25° to 45°
4. Applications.....	Outdoor (optional), indoor, straight run stairway
5. Travel.....	up to 32'(9,754mm)
6. Operations.....	constant pressure, 24VAC
7. Power supply.....	120V, 15 amps, 1 phase, 60 Hz (household current 120VAC)
8. Drive system.....	Roller chain/sprocket
9. Controller.....	Fused controlled circuit
10. Motor.....	1/2 hp, 110VAC
11. Seat swivel.....	90°, 45° top and bottom

2.2 OPERATION

- A. Stairlift operation shall consist of constant pressure buttons or rocker switches located under the armrest of the carriage and on the call/send stations at both landings.
- B. Safety features: Slack chain switch, safety brake, seat swivel cut-off switch, obstacle sensors, and seatbelt.

2.3 CLEARANCE

- A. Unfolded, the unit shall be at a maximum of 25" from the back wall.
- B. Folded, the unit shall be at a maximum of 15 ¾" from the back wall.
- C. The rail shall be at a maximum of 10 ½" from the back wall.

Note: please refer to shop drawings to respect the dimensions required.

2.4 COLOR

- A. The standard color of the rail is beige.
- B. The standard color of the carriage and upholstery is beige.

2.5 BRACKETS

- A. The installer shall install at least 2 brackets per section of rail. The minimum length of a section is 24".
- B. The first and the last step of the stairway shall both have a bracket.
- C. The brackets are mounted to the steps with anchors. If stairs are covered with carpet, install an anchor in the front hole of the bracket. In the absence of carpet, 2 anchors/bracket are necessary.

2.6 TERMINAL STOPPING DEVICE

- A. Normal terminal stopping devices shall be provided at top and bottom of runway to stop the car positively and automatically. A mechanical stopper shall be installed to stop the car if the electrical stopping devices are not functioning.

2.7 WIRING

- A. All wiring and electrical connections shall comply with applicable codes.

3.0 EXECUTION

- A. EXAMINATION: All site dimensions shall be taken to ensure that tolerances and clearances have been maintained and meet local regulations.
- B. PREPARATION: Pre-inspect the construction and service requirements for work by others. These requirements will be included in drawings, diagrams, engineering data sheets and special instructions before the work begins.
- C. INSTALLATION:
 - 1. Install all the components of the stairlift system that are specified in this section to be provided, and that are required by jurisdictional authorities to license the stairlift.
 - 2. Trained employees of the lift contractor shall perform all installation work of this section.
 - 3. Adjust stairlift for proper operation and clean unit thoroughly.
 - 4. Instruct users and owner's maintenance personnel in proper maintenance procedures.

END OF SECTION