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## SPECIFICATIONS FOR SHC HOME ELEVATOR SERIES OF PRODUCTS - 2026

**Manufacturer:** Staying Home Corporation (SHC), 2501 Anaconda Rd., Harrisonville, MO 64701  
SHC is a Licensed Missouri Elevator Contractor Phone: 816.380.2427

**Lift Application:** Any single or two family home/residence, serving 2, 3, or 4 floors. SHC Elevators are designed for residential applications per ASME 5.3. Depending on model, some units are designed for compliance with shaftless applications per 5.3.1.1.1 and 5.3.1.1.2 (below). Other models are automatic operation in full hoistways per the remainder of the 5.3 code requirements.

**5.3.1.1.1** The enclosure shall be permitted to be omitted on the lowest landing served, provided the elevator

(a) does not open directly into a garage

(b) has continuous-pressure operation

(c) car platform is equipped with a device that, if the platform is obstructed in its downward travel by a force 168 of 18 N (4 lbf) or more applied anywhere at its lower surface, will open an electric contact in the control circuit and thus stop the downward travel of the car within 75 mm (3 in.). The stroke of the device shall be not less than the stopping distance of the platform. This device shall be of a type that will not reset unless it has been returned to its normal position. The elevator shall be permitted to operate in the up direction.

**5.3.1.1.2** The enclosure shall be permitted to be omitted on the upper landing on continuous-pressure operation elevators serving only adjacent landings (one-floor rise) conforming to one of the following:

(a) the floor opening at the upper landing is protected by a partial enclosure and gate at least 910 mm (36 in.) high with openings that will reject a ball 25 mm (1 in.) in diameter and the gate is provided with a combination mechanical lock and electric contact

(b) the floor opening is provided with a vertically lifting hatch cover which is automatically raised and lowered vertically by the ascending and descending car, provided this cover meets the following requirements:

(1) It is fitted with guides to ensure its proper seating.

(2) It is designed and installed to sustain a total load of 3.6 kPa (75 lb/ft<sup>2</sup>) or 135 kg (300 lb) at any one point.

(3) It is equipped with an electric contact that will prevent the upward travel of the car when a force of 90 N (20 lbf) is placed

**MODELS covered under this specification vary considerably due to marketing variances and are listed below.**

### **SHC Home Elevator Model Numbers**

- **Models SHC-SE3, SHC-SE4, SHC-AE3, SHC-AE4, SHC-HE3, SHC-HE4, SHC-SE5, SHC-AE5, SHC-HE5, EZ-3, EZ-4, EZ-5, EZ-6, EZ-6C, LTEZ6, Outlook Lift/Elevator**
- **Easy Climber Elevator (Models EC-350, EC-450, EC-550)**

Consult factory if there are any questions as to compliance on the above listings.

### **SPECIFICATIONS:**

- 1) Footprint: From 36" - 46" wide / 36" - 56" from wall. Self-supporting structure for Outlook Elevators will increase the footprint to 68"
- 2) Car will handle small wheelchair, standard transport chair, or rollator.
- 3) Control in car - up, down, key-switch, E-Stop, Alarm, diagnostic LED light, call buttons, and fob for remote use on two-stop units
- 4) Capacity: 1-2 persons, 400 lbs or 500 lbs Travel Height: Up to 31 feet of travel (Outlook limited to 21' of travel).
- 5) Telephone or telephone jack in car
- 6) LED light top of car light - 4 watts, 24 volts

- 7) NOTE: The only full time battery-operated elevator on the market – Design precludes any special outlets having to be wired into the home – eliminating need for a dedicated outlet to be installed in home.
- 8) Aluminum track made of aircraft grade material
- 9) Battery charges during full travel of unit
- 10) 250 Watt / 400 Watt motor with dual winding steel drums – 2:1 drive
- 11) Designed to meet A17.1, Part V of ASME for Private Residence Elevators when properly installed and equipped with required options.
- 12) AWS certified welders
- 13) Meets NEC standards for wiring
- 14) Powder coated cab
- 15) Hi-grade ¼" Acrylic Z97.1 vision panels in walls and door
- 16) Angled, non-skid covered threshold for easy, non-trip entry on shaftless units (EZ-3, EZ-4, EZ-5)
- 17) Steel car frame / (aluminum car frame on Outlook Outdoor Lift / Elevator)
- 18) Manual lowering device
- 19) Designed, tested, assembled, in U.S.A.
- 20) 1 year battery warranty, 2 year parts warranty, 3 year drive train warranty (motor, gear, circuit board, track, cable, drums)
- 21) Call buttons at each landing
- 22) Standard tower support on Outlook Outdoor Lift / Elevator

#### **Safety Devices**

- 23) Safety pan / false floor on top of car for shaftless units. Stops travel if 20 lbs. or more is on top of car. (Full hoist-way automatic elevators, or full hoist-way package also available and does not include this feature)
- 24) Safety pan under car. Stops travel if 4 lbs. or more of force is exerted underneath car. (Full hoist-way automatic elevators, or full hoist-way package also available and does not include this feature)
- 25) Two ¼" diameter, 7x19 GAC's (galvanized aircraft cables) support the car. Each cable with a breaking strength of 7,000 lbs.
- 26) Sliding radial door (think roll top desk turned on its side) that allows person to get in and out of elevator without swinging door out. Prevents getting trapped in car.
- 27) Grab rails inside car to assist and stabilize riders on EZ-3, EZ-4, EZ-5 shaftless units
- 28) Emergency unlocking device for door lock
- 29) UL Listed door interlock – senses door is both closed and locked before allowing unit to operate
- 30) Regular and final limit switches
- 31) Slack cable safety switches and broken / slack rope Type A Safety
- 32) Open door sensor
- 33) Constant pressure controls puts operation in hands of user at all times on shaftless units. Automatic controls on fully enclosed units.

## **Installation - Maintenance**

- 34) Two-person installation – 12-40 team hours depending on height and use of enclosure. Car installs from lower landing.
- 35) Can install on any load bearing wall (or on concrete pad in case of Outlook Outdoor Lift / Elevator). Self-Supporting Rail system standard on Outlook Elevator.
- 36) Maintenance – replacement of batteries in unit every 2-3 years, lubrication of pulleys in header annually. Outdoor elevators require lubrication every 6 months, including corrosion prevention spray on certain components
- 37) Rails mount directly to existing concrete or stud walls or can be free-standing w/ tower support option (tower support mounts to landing)
- 38) Breaks down to go through any doorway for interior units. Outlook Outdoor Lift / Elevator comes with car assembled.)
- 39) Can be installed in room with ceilings as low as 7'-6"
- 40) U.S.A designed, manufactured, and technical service support
- 41) No pit required (3" step), no machine room, no dedicated outlet required. 4" pit recommended for Outlook Outdoor Elevator
- 42) Fixed ramp available as an option.
- 43) Electrical requirements are 110 volt, 2 amps.