



Staying Home Corporation
2501 Anaconda Road
Harrisonville, MO 64701
816.380.2427
www.stayinghome.com

SPECIFICATIONS FOR SHC HOME ELEVATOR SERIES OF PRODUCTS

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 family home or residence, serving 2 or 3 floors (an upper and a lower landing, or an upper, middle, and lower landing). This elevator is not designed for commercial applications.

- 1) Footprint: 38" wide x 39" or 48" from wall. Car will handle small wheelchair, std transport chair, or rollator. New larger AE-6 series has a 42" x 42" car, large enough for wheelchairs, and comprising a 48" x 54" rough footprint.
- 2) Control in car - up, down, key-switch, E-Stop, Alarm, diagnostic LED light, call-sends, and fob for remote use.
- 3) Capacity: 1-2 persons, 400 lbs on smaller cars, 500lb capacity on AE-6 models Length: Up to 21 feet of travel
- 4) Telephone in car
- 5) LED light top of car light – 4 watts, 12 volts
- 6) Carpeted floor for sure, non-slip footing
- 7) **NOTE: The only 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 or 500 Watt motor with dual winding steel drums – 2:1 drive
- 11) Designed to meet A17.1, Part V of ASME for Private Residence Elevators
- 12) AWS certified welders
- 13) Meets NEC standards for wiring
- 14) Powder coated cab
- 15) Hi-grade ¼" Plexiglas vision panels in walls and door
- 16) Angled, non-skid covered threshold for easy, non-trip entry
- 17) Steel car frame
- 18) Manual lowering device
- 19) Designed, tested, assembled, in U.S.A.
- 20) 2 year battery warranty – 5 year warranty on all other items.

21) Call-sends: enable person to call or send unit to either landing

Safety Devices

22) Safety false floor on top of car for shaftless units. Stops travel if 20 lbs. or more is on top of car.

23) Safety pan under car on shaftless units. Stops travel if 4 lbs. or more of force is exerted underneath car.

24) Two ¼" diameter, 7x19 GAC's (galvanized aircraft cables) support the car. Each cable with a breaking strength of 7,000 lbs.

25) 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.

26) Grab rails inside car to assist and stabilize riders

27) Emergency unlocking device for door lock

28) UL Listed door interlock – widely used in elevator industry – senses door is both closed and locked before allowing unit to operate

29) Regular and final limit switches

30) Slack cable safety switches and broken rope safety

31) Open door sensor

32) Constant pressure controls puts operation in hands of user at all times on shaftless units. Automatic operation on AE-6 units.

Installation - Maintenance

33) Two person installation – 7-8 team hours.- installs at lower landing

34) Can install on any load bearing wall or in open space with free-standing rail options

35) Only maintenance – replacement of batteries in unit every 2-3 years

36) Can mount directly to existing concrete or stud walls

37) Breaks down to go through any doorway

38) Can be installed in room with ceilings as low as 7'-6"

39) U.S.A designed, manufactured, and technical service support

40) No pit, no machine room, no dedicated outlet required.

41) Electrical requirements are 110 volt, 2 amps.