Easy Rider Cable Drum - Home Elevator

QUALITY • SAFETY • DEPENDABILITY • BEAUTY • ENGINEERING EXCELLENCE

Residential Elevators, Inc. (REI) is pleased to offer the Easy Rider-Variable Speed winding cable drum residential elevator.

Benefits:
As quiet as any conventional hydraulic system and a ride similar in smoothness during starting and stopping to most conventional hydraulic systems on the market without the added cost associated with a hydraulic system.

REI's exclusive Auto Lowering emergency exit feature (optional) allows the Easy Rider to lower automatically in the event of a power outage.

Lower maintenance consistent with REI's reputation and demonstrated track record for effective and highly engineered winding drum elevators with low cost and less maintenance.

- **Factory Direct Savings!**
  - An excellent value in the ultimate home appliance
  - Unmatched quality and customer service
  - Many optional features to complement your individual taste and desires
  - Machine Room Flexibility

Custom Features To Your Order:
REI will custom build many upgrades to your exact specifications including: extra gates, change of cab height, observation glass panel(s), frame and panel, recessed phone box, keyed hall station, custom interior, custom fixtures, And much more.

STANDARD FEATURES:
- One (1) Year Warranty
- 500 lb. Capacity
- Travel standard 33 feet
- Travel speed of 30 ft. per minute
- 3/4” sturdy cab walls (7 ply custom cabinet grade material)
- Aluminum standard scissor gate or accordion style solid vinyl gate
- Standard interior cab color choices: (Unfinished Birch, Unfinished Oak or Classic White)
- Solid matching wood handrail
- Recessed lighting
- All Wiring included
- Interior cab emergency light
- Wall mounted full function phone
- Meets or exceeds all ANSI A 17.1 National Safety Codes for Elevators

OPTIONAL SELECTIONS:
- 750 Pound Capacity (36’ - 0” max.)
- 500 Pound Capacity (50’ - 0” max.)
- Auto Lowering Emergency System
- Custom Woods other than standard
- Additional gate
- Special gate
- Oversize cab
- Over height cab
- Frame & Panel cab
- Picture frame cab (2 or 4 panel)
- Observation glass panels
- Laminated safety mirror w/ hardwood trim
- Recessed Phone Box
- Halogen downlights
- Keyed hall station
- Attic mount installation
- “Car Here” and “In Use” indicators
- Protective pads
- And More

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Cable Drum Residential Elevator Contract Specifications

To Specify: The manufacturer shall furnish _____ electrical residential elevator(s) (ER-502, ER-503, ER-504, ER-752, ER-753, ER-754) as manufactured by Residential Elevators, Inc. for hoistway plan ________

Design Characteristics: Elevator(s) shall have:
Capacity: ________ 500 pounds capacity. Travel: (50'-0" max.)
________ 750 pounds capacity. Travel: (36'-0" max.)

Travel Distance: ________ ft. ________ in.
Landing Served: ________ with openings at ________ front, ________ rear, ________ right, ________ left
Door Size: (____w x ____h) Door Swing: Right: ________ Left: ________
Hoistway: (size ________ w x ________ d) Cab: (size ________ w x ________ d)

Minimum 8'-0" overhead clearance for adjacent machine room.
Machine Room Location Shall Be:
______ basement adjacent to hoistway
______ floor adjacent to hoistway
______ attic adjacent to hoistway
Minimum 11'-0" overhead clearance for hoistway mount machine (2-stops only)

Hoistway Pit: Minimum 8'
Cab Interior Finish:
Standard Residential Elevator shall be suitably finished on the interior side with natural wood grain or white panels on sides; constructed of 3/4" ply custom cabinet grade materials. Top covered with white, and 1" plywood on platform unfinished and ready for floor covering. Cab is standard equipped with one folding aluminum gate (gold tone or silver tone finish) or accordion style solid vinyl gate (white). It is provided with a gate switch to prevent operation unless the gate is closed.

Asingle recessed incandescent light shall be in the center of the car ceiling.
Cab shall be equipped with a solid hardwood handrail.

Guide Rails:
Steel rails shall be furnished to guide car and shall be constructed of high quality 1/4" steel angle. Heavy duty splice bolts are to be used at each splice, and rail sections are to be number matched for easy installation. Guide rails shall be fastened at 8'-0" intervals by steel brackets. A stabilizer rail shall be furnished to guide side of car opposite of the main rails.

Machine:
Motor to be 2 hp with VVVF drive hoist motor, single speed reversing type, constant NEMA rated brake. Brake shall be spring applied and electrically released and shall release only when drive motor is engaged.

Operation:
Controls shall be momentary pressure and completely automatic. Each entrance shall be furnished with a call station. The car shall be furnished with a pushbutton station with one button for each level served. The car push button station shall also contain an emergency stop switch, alarm bell, light switch. Wall mounted telephone shall be installed adjacent to car station (required by ANSI 17.1 Code Part 509.1). Car and hall pushbutton stations to be brass tone or stainless steel finish (#4 or #8 finish).

Hoistway Door Interlocks:
Electrical / mechanical door locks shall be furnished for all hall doors to prevent elevator operation unless all doors are closed and to prevent opening of door when car is not at that landing.

Trolley:
Shall be constructed of high quality 3/8" steel angle. Guide rollers are dual ball bearing type with neoprene facing for a smooth, cushioned ride. Trolley is equipped with all safety devices both electrical and mechanical as required by the ANSI A17.1 Elevator Safety Code for residential home elevators.

Installation:
Installation to be performed by authorized elevator contractor. All work must be completed in accordance with installation and operating instructions provided by the manufacturer of the elevator and must be in compliance with requirements of the American Standard Safety Code, National Electrical Code, and state and local building codes.

Work By Others:
1. Construction of a suitable, clean, clear, square, plumb (including pit) and legal elevator hoistway consistent with State and Local building codes. (Refer to manufacturer’s hoistway plans.)
2. Electrician shall furnish 220V, 30AMP circuit with 10/3 wire with ground to be located in machine area with Fused Disconnects.
3. Electrician shall furnish a 110V, 15 AMP circuit to machine area for the car lighting system With Fused Disconnects.
4. Suitable, hinged, solid core hall doors. Door openings are 3'-0" standard unless otherwise specified.
5. 8" deep recessed pit area.
6. Connection of telephone traveling cable to outside central exchange as required by ANSI 17.1 code.
7. Special engineered Drawings or plans and any State, County or Local Permits.

Standard Hoistway Plans, as drawn, are recommended size requirements only. Contact REI for layout assistance if your needs are different.