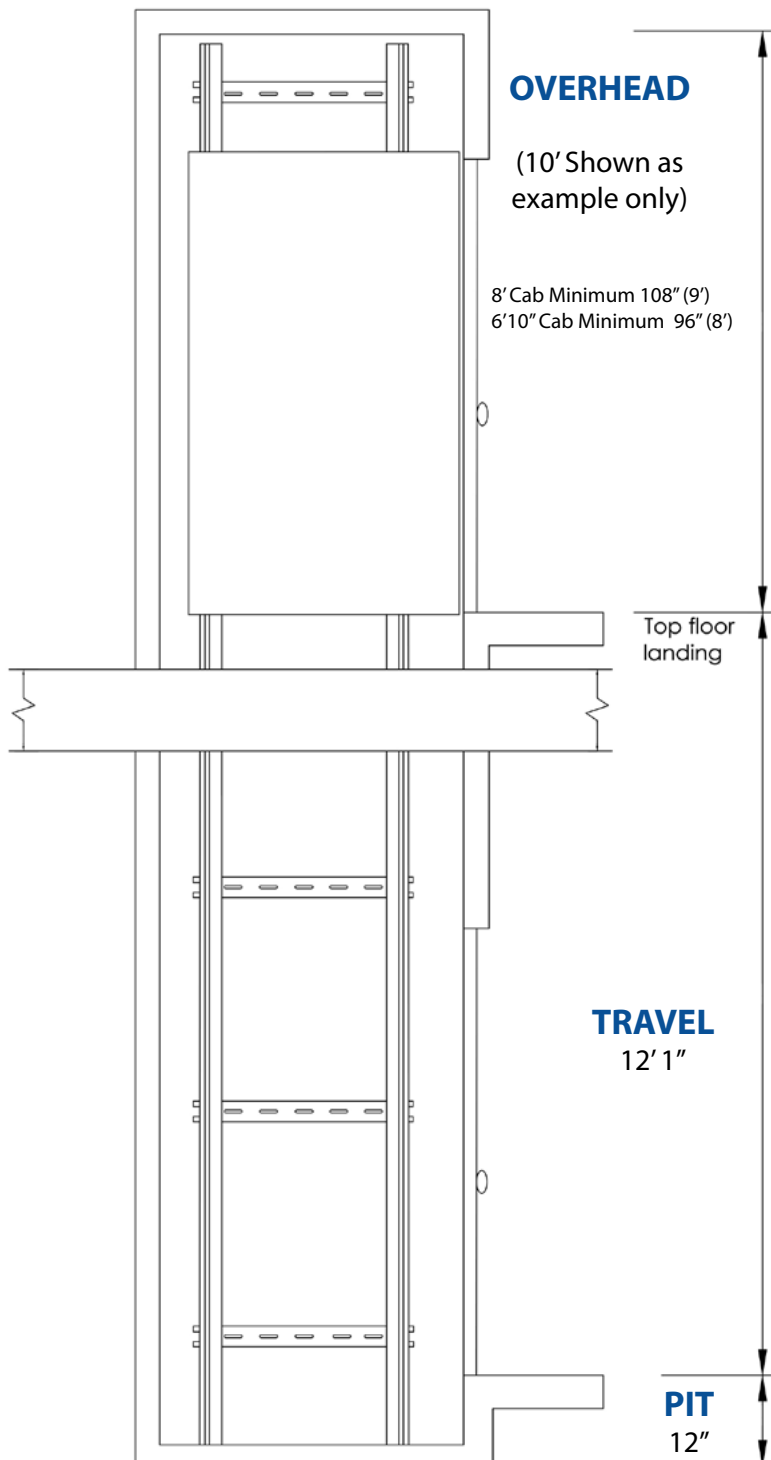




Residential Elevators

- 15 sq. ft. max for residential elevators. Up to 18 sq. ft. with written approval from local jurisdiction building department
- Minimum pit depth - 8"
- Maximum pit depth - 24"
- Minimum space for equipment: 36" w X 24" d
- If equipment is located remotely, contact us for layout assistance
- Manufactured in compliance with ASME A17.1.5.3 National Safety Code, Residential NEC and FBC 2020
- Float switch code: R321.4.1
- Adheres to the Florida Building code for spring loaded reset key
- Battery backup code: ASME A17.1.5.3 Section 3008.8
- The NEC requires a minimum clear working space of 3 feet in front of electrical panels
- Phone dialer with speakerphone code.

Work Required By Others

- Plumb and square hoistway built to local and state code requirements
- Sleeves/conduits for hydraulic hoses and electrical
- Removable barricades on hoistway entrances
- All dimensional tolerances to be within 1/8"
- Equipment room with 240VAC and 120VAC circuits with neutral and disconnects supplied to controller.
- Live analog telephone line
- Structural note: Drawings signed and sealed for all anchorage to meet manufacturers specifications for loads imposed

Door Code (to be completed by others)

A17.1 National Safety Code for Elevators - Section 5 - 2016 Edition
5.3.1.8.3 Clearances between hoistway doors and car door or gates must not exceed 4".

5.3.1.7.2 The distance between the hoistway door and the edge of the landing sill must not exceed 3/4". Florida Building Code 2016

R321.4 Clearance requirements between elevator doors for elevators inside private residence.

(a) The distance between the hoistway face of the the hoistway door and the hoistway edge of the landing sill may not exceed 3/4 inch for swinging doors and 2 1/4 inches for sliding doors.

Standard Elevator Specifications

Capacity: 950 lbs.

Speed: 40 FPM

Maximum Travel: 50 ft.

Power Supply: 220 Volt, 1 Phase, 30 Amp

Drive System Roped Hydraulic

Pit Depth Required 12" Optimal. 10" - 8" Possible in some scenarios

Minimum Overhead Clearance
96" minimum overhead for 82" cab
108" minimum overhead for 96" cab

Control System PLC/Relay or PLC/Relay/VVVF Drive

Floor Selection Reflective tape selector/limits, photo eye sensor

Floor Material Unfinished, 1 1/2" plywood sub-floor with metal frame
FINISHING DONE BY OTHERS

Control Panel Finish
Standard - Brushed stainless steel
Optional - Dark bronze, brushed brass, black

Hall Station Finish
Standard - Brushed stainless steel
Optional - Dark bronze, brushed brass, black

Motor 3HP submersible

Cab Wall Finish
Standard - Sugarmill style cab with 3/4" cabinet grade veneered plywood in oak, cherry, mahogany, or maple with clear semi-gloss finish. Optional - Peachtree, Plantation, or Shaker style cab
Optional - Wood finish color choice with clear semi-gloss finish

Cab Wall, Custom Glass, stainless steel, and others available upon request

Ceiling 3/4" cabinet grade plywood with white laminate

Ceiling, Custom Glass, stainless steel, and others available upon request

Lighting Supply 120 Volt, 1 Phase, 15 Amps

- All swing doors must comply with ASME 17.1, National Elevator Code and FBC 3/4" x 4" as required by local jurisdiction.
- Consult factory for changes to door swing or offset location.
- See Rail Bracket Detail sheet for anchoring and support details
- See Electrical Requirements sheet for specifications

