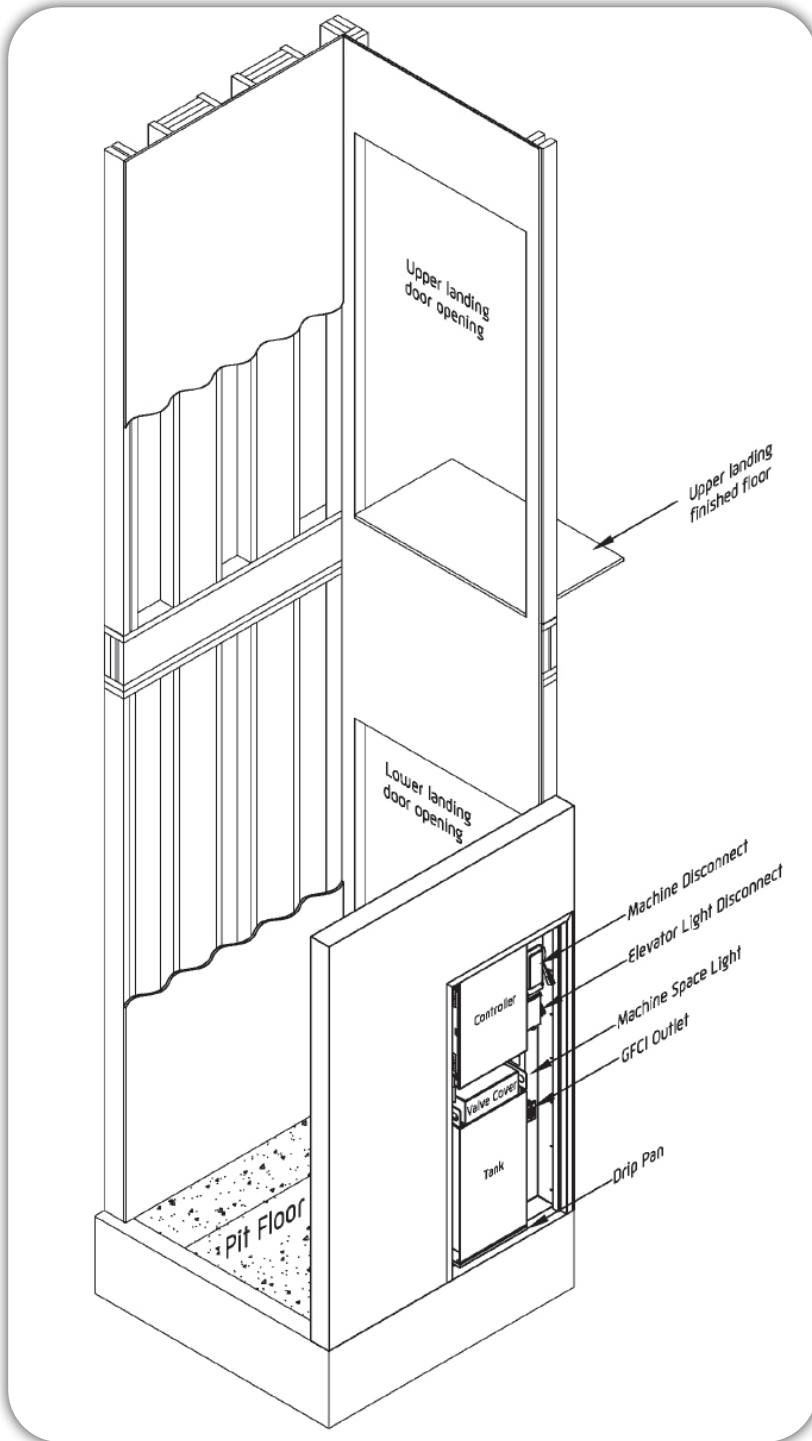


# MRL LULA Elevators

Machine Room Less (MRL) Limited Use/Limited Application (LULA) Elevators



## LULA MRL Advantages:

- The machine space is integrated into the hoistway eliminating the need for a machine room
- Does not increase hoistway dimensions (for most applications)
- Saves nearly 20 square feet of usable space
- Machine space can be located at any interior landing (excluding entrance walls)
- Has the same safety and optional features of the standard LULA elevator

Proudly Made in the U.S.A. 

# What is a LULA Elevator?

The LULA Elevator is designed to meet the requirements of ADA and to provide access for low occupancy/low rise commercial buildings where a traditional passenger elevator is not feasible or required by code. Engineered and designed for limited commercial use.

*This brochure is intended for INFORMATIONAL PURPOSES ONLY and SHOULD NOT be used for construction. Visit [symmetryelevator.com](http://symmetryelevator.com) to view the LULA Design Guide, specification, typical drawings and more.*

## Standard Features

- Code Compliance: Designed to comply with ASME A17.1 Section 5.2 and includes ETL, UL or CSA certified components
- Rated Capacity: 1,400 lbs. (635 kg)
- Lifting Height: Up to 25'0"
- Power Supply: 208/230 VAC, 1 PH, 30 amp, 60 Hz, 4 HP
- Speed: 30 fpm (.15 M/S)
- Automatic self-leveling
- Drive System: 2:1 roped hydraulic
- Stops: Two
- Doors: 3'0" x 6'8" automatic horizontally sliding, two speed hoistway and car door; full-height light curtain
- Pit Depth: 13", 14" if buffer springs required
- Selective Collective Programmable Logic Controller (PLC)
- Overhead: New construction 132", existing construction as low as 104"
- Car-mounted directional indicator with audible signals
- 4 HP submersible pump and motor for quiet operation
- Two-speed control valve
- Low oil protection
- Interior Car Height: 7'0"
- Homing timer
- Digital position indicator
- Warranty: Three-year limited parts

## Safety Features

- ADA hands-free phone
- Keyed in-car stop switch and alarm button
- Emergency lighting in car interior
- Uninterruptible Power Supply (UPS) for car lowering and power opening of the car and hoistway doors in the event of a power failure
- Broken/slack suspension safeties
- Overspeed valve
- Tactile/braille characters for COP and landings

## Optional Features

- Stops: Up to six
- Overspeed governor
- Landing position indicator
- Hoistway access
- Phase 1 and Phase 2 fire service
- Phone line monitoring system
- Ventilation system
- Audio visual two way communication system (required by ASME A17.1-2019 and later)
- 3D light curtain (required by ASME A17.1-2019 and later)
- Keyed controls
- Extended warranty

## Machine Space for MRL Application

### Included

- Upgraded controller and Hydraulic Power Unit (HPU)
- Bottom mounting bracket with drip pan
- Anchoring brackets
- Deflectors and filler panels
- Machine space light and GFCI receptacle

### May be located at any landing

- Opposite rail wall for Straight-Through/Same Side
- On adjacent wall for 90° applications
- Below an upper landing entrance
  - 7' overhead required

### Door (or door by others)

- 36" door for 8" wall
  - Lockable fusible disconnects are provided by others, or available as an option
- 32" door for 5¾" wall
  - Lockable non-fused rotary controller disconnect provided
  - Lockable non-fused car light disconnect provided
  - Fused disconnects for controller and car light are provided by others in separate control space

