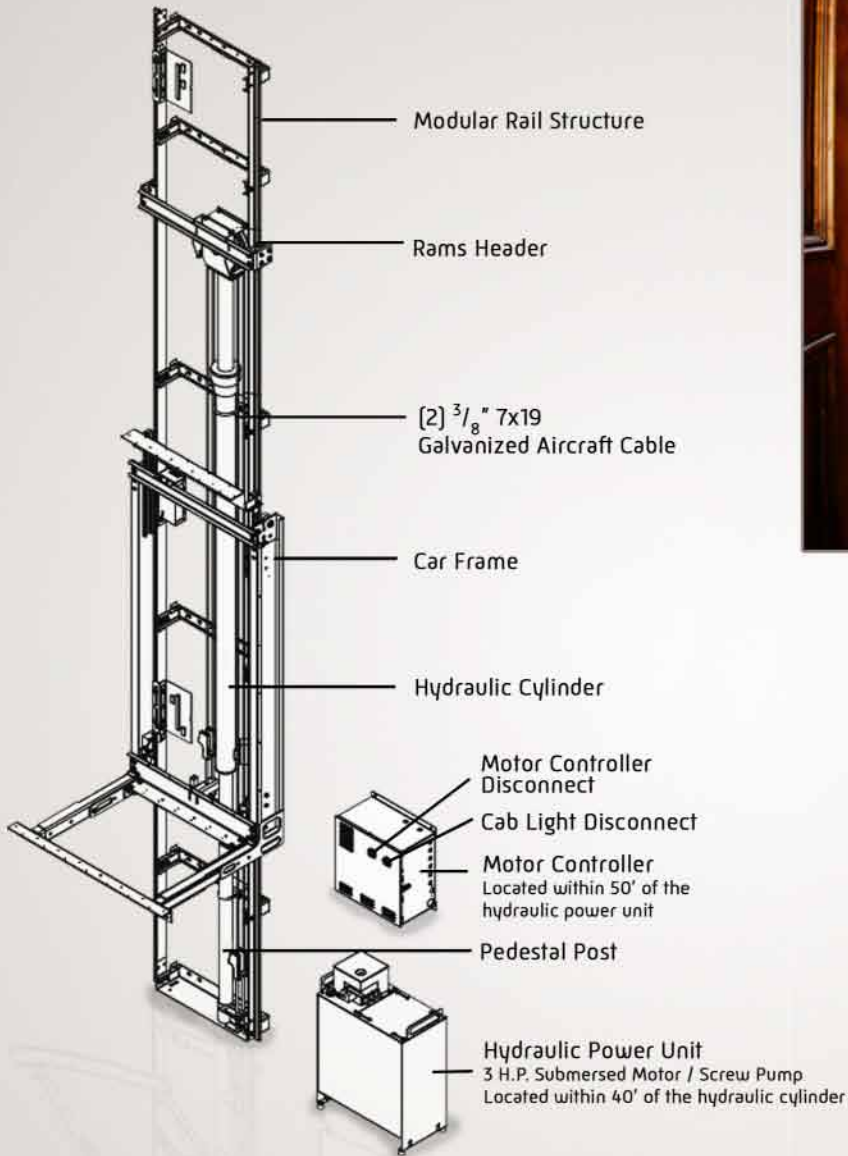




Made in the USA

Symmetry Residential Elevator Hydraulic Drive



 **symmetry**
National Reach. Local Service.



www.symmetryelevator.com

Smoothest, quietest hydraulic drive on the market

With more standard features than any other elevator available, the Symmetry Hydraulic drive is the industry leader. We offer as standard: battery lowering, digital position indicators on the COP and hall stations, custom wood sill, and LED lighting. Our custom options also lead the industry.

This brochure is intended for informational purposes only and should not be used for construction. Please contact your local Symmetry representative for a job specific drawing.

All accordion gates except white have bronze hardware
White gates have aluminum hardware

Standard Features:

- Travel: Maximum of 50' (minimum 12" between stops)
- Speed: 40 FPM
- Load Capacity: 950#
- * *Overhead: Minimum of 8' (94") with remote controller*
- Pit depth: 6" minimum (8" preferred)
- Two stops
- Single opening
- Three year limited parts warranty

Mechanical Equipment:

- Modular 6 1/4" # T-rail structure
- Car frame assembly
- 208/230 VAC, 60Hz, 30 amp single phase power supply for motor controller
- 120 VAC, 60 Hz, 15 amp single phase power supply for lighting
- (2) 3/8" 7x19 galvanized aircraft cable (14400# breaking strength) with wedge rope shackles
- 80mm diameter piston/102mm diameter cylinder incl. 1" - 3/4" reducer bushing
- 208/230, 3HP submersed motor with 2-speed valve assembly (1750RPM, 17 FL Amps) - Manual down valve for emergency lowering
- Screw pump (300 micron screen)
- Positive pressure switch
- * *Code compliant electrical disconnects included*

Safety Features:

- Slack rope safety device
- Motor controller supply (located in controller)
- Car light supply (located in controller)
- Rupture valve (Type "C" Safety)
- Pit stop switch
- Car top stop switch
- In-car emergency stop switch and alarm
- Safety switch for car gate(s)
- Battery back up emergency car lights and alarm
- Electromechanical hoistway door interlocks (doors by others)
- * *Non proprietary controller - designed for long term serviceability*

Controls:

- Programmable Logic Controller (PLC)
- Non-selective collective automatic operation
- * *Self Diagnostic System with digital display*
- Car Operating Panel (COP) available in brushed stainless steel or brushed brass with LED floor position indicator
- Hall stations available in brushed stainless steel or brushed brass with call button and car arrival indicator
- Recessed phone box in brushed stainless steel or brushed brass (phone jack included)
- Automatic car lighting
- Single floor designated car homing
- * *Uninterruptible Power Supply (UPS) for car lowering and automatic gate operation (if provided) in the event of power failure*

Car Features:

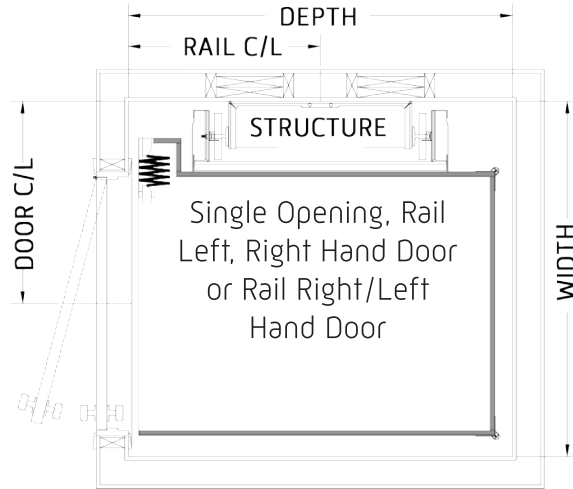
- Cab size up to 15 ft²
- 7'0" interior car height
- * *Birch, Oak, or Maple flat veneer interior walls with matching ceiling*
- Matching wood handrail
- * *Matching wood car sill*
- Unfinished plywood floor with sill set for .75" (flooring by others)
- * *2 energy saving recessed LED lights with fixture matching trim rings*
- 7'0" vinyl laminate accordion gate (light oak, dark oak, white, or antique white)

Optional Features:

- Up to six stops
- Single automatic push button operation
- Custom car size up to 18 ft²**
- Custom car heights
- Recessed panel car with flush ceiling
- Recessed panel car with matching ceiling
- Raised panel car with matching ceiling
- * *4 recessed LED lights with fixture matching trim rings*
- Factory finished car
- Polished stainless steel, polished brass, brushed nickel, vintage bronze and oil rubbed brass fixtures (including COP, phone box, hall calls, and handrail)
- * *COP with integrated phone box*
- Custom wood interiors
- * *Custom factory finishes (antiqued, distressed, & crackle)*
- * *Green material alternatives and finishes for car interiors*
- Scissor gate
- Hardwood veneer accordion gate
- Clear panel accordion gate
- Autogate operator (available for use with accordion gate only)
- .75" finished or unfinished factory installed hardwood car flooring
- Factory flooring insert for 1/4" (flooring by others)
- Buffer springs (requires minimum of 10" pit depth)
- Key switch for COP and hall stations
- 750# car capacity

* *This symbol denotes exclusive features*

** *May require local code authority approval*



| Car Size | Width | Depth | Rail C/L | Door C/L | Clear Opening |
|----------|---------|---------|----------|----------|---------------|
| 36 x 48 | 50 1/2" | 54 1/2" | 27 1/4" | 28 3/4" | 32 1/4" |
| 36 x 60 | 50 1/2" | 66 1/2" | 33 1/4" | 28 3/4" | 32 1/4" |
| 40 x 54 | 54 1/2" | 60 1/2" | 30 1/4" | 32 3/4" | 33 1/2" |

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