

LVL CY300

TECHNICAL SPECIFICATIONS



www.ElevatorandLifts.com

LEVEL UP
ELEVATOR & LIFTS



OVERVIEW

General Description

Elevate your home with the LVL CY300, a sleek and modern solution for two passengers. Featuring a winding drum conveyance system and a fully panoramic cabin, it provides stunning views while maintaining a modern look. Manufactured using an aluminum frame and polycarbonate panels, the self-supported, free-standing design for this home elevator eliminates the need for a shaft or pit, making installation straightforward. Compliant with ASME A17.1 safety standards, the LVL CY300 seamlessly blends advanced technology with elegant style, enhancing both functionality and the visual appeal of your living space.

COLORS



Black



Silver



Gray



Taupe



White

Custom Colors Available with RAL Provided

MECHANICAL / ELECTRICAL

220V - 240V / 8A / Single Phase - 110v Lighting Circuit

1.8 kW Worm Geared Motors

3/8" 7x19 Galvanized Steel Cables

Dual Winding Drums

Single-Disc Spring Setting Brake

CABIN

Cabin Entrance Width 32" (813mm)

Internal Cabin Height 79" (2007mm)

Internal Cabin Diameter 44" (1118mm)

Automatic LED Lighting and Cabin Fan

24V Electrical Circuits Inside Cabin

CYLINDER

External Cylinder Diameter 53.5" (1359mm)

Bottom Floor Cylinder Height 92" (2337mm)

Cylinder Height with Speed Package 96.5" (2451mm)

Rated Load 900lb (408kg)

Speed 32 or 40 fpm

Minimum Floor to Floor Height 93.5" (2375mm)

Minimum Floor to Floor Height 96.5" (2451mm)
*Speed Package Installed

Minimum Floor to Ceiling Height 83" (2108mm)

Minimum Overhead - 32fpm 105" (2667mm)

Minimum Overhead - 40fpm 108" (2743mm)

Door Height 77.75" (1975mm)

Door Height with Closer 79.5" (2019mm)

Through-Floor Opening Size 56" (1422mm)

Installation Entry Access Required 56" (1422mm)

Single Push Call Buttons / Travel Up to 4 Stops or 38ft of Rise

SAFETY

Power Failure UPS Battery Backup System

Manual Lowering Device

Mechanical Emergency Safeties

Mechanical Interlocks at Each Landing

Alarm System and Telephone Inside Cabin