


Doc.No.A003-001 Rev. C Rev. date:03-10-2021			
REVISION AND PRINT RECORD			
REV. BY	DESCRIPTION	DATE	FOR
PAB	INITIAL LAYOUT	11/05/25	APP
GENERAL SPECIFICATIONS			
DESCRIPTION / MATERIAL / FINISH			
MODEL	TYPE: CY200 <input type="checkbox"/> SQ200 <input type="checkbox"/> CY300 <input checked="" type="checkbox"/>		
FLOORS	NUMBER OF STOPS: TWO (2) <input type="checkbox"/> THREE (3) <input checked="" type="checkbox"/> FOUR (4) <input type="checkbox"/> FIVE (5) <input type="checkbox"/>		
COLOR	COLOR: <input checked="" type="checkbox"/> BLACK (STANDARD) <input type="checkbox"/> LIGHT GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> DARK GRAY <input type="checkbox"/> TAUPE <input type="checkbox"/> SILVER		
TRAVEL HEIGHT & FLOOR MOUNTS	TRAVEL HEIGHT & FLOOR MOUNTS: T1: 108.000" <input checked="" type="checkbox"/> INCHES <input type="checkbox"/> MILLIMETERS <input checked="" type="checkbox"/> THROUGH FLOOR <input type="checkbox"/> BALCONY T2: 108.000" <input checked="" type="checkbox"/> INCHES <input type="checkbox"/> MILLIMETERS <input checked="" type="checkbox"/> THROUGH FLOOR <input type="checkbox"/> BALCONY T3: <input type="checkbox"/> INCHES <input type="checkbox"/> MILLIMETERS <input type="checkbox"/> THROUGH FLOOR <input type="checkbox"/> BALCONY T4: <input type="checkbox"/> INCHES <input type="checkbox"/> MILLIMETERS <input type="checkbox"/> THROUGH FLOOR <input type="checkbox"/> BALCONY O.C.: 108.000" <input checked="" type="checkbox"/> INCHES <input type="checkbox"/> MILLIMETERS (OVERHEAD CLEARANCE)		
CONTROLLER	REMOTE CONTROLLER: <input checked="" type="checkbox"/> YES CONTROL PANEL DISTANCE..... <input checked="" type="checkbox"/> ft. <input type="checkbox"/> m NOTE: 30ft. (10m MAXIMUM)		
EXTENSION	TOP FLOOR EXTENSION OPTIONS: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO SPLIT PLATE EXTENSION___ <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO HEAD UNIT EXTENSION <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
OTHER OPTIONS	OTHER OPTIONS: <input checked="" type="checkbox"/> CABIN TELEPHONE <input type="checkbox"/> REMOTE CONTROL (INCLUDE 1 REMOTE) <input type="checkbox"/> ADDITIONAL REMOTE(+1 REMOTE) <input type="checkbox"/> STANDARD MOUNT ACOUSTIC PACKAGE <input type="checkbox"/> 180 DEGREE OPPOSITE DOORS <input type="checkbox"/> AUTOMATIC DOOR OPENERS (x_) * ALL UPPER FLOORS DOORS MUST BE SAME SIDE AS ONE ANOTHER FOR CUSTOM DOOR SWING CONFIGURATION		
TOLERANCES UNLESS OTHERWISE SPECIFIED			
1" (100) 25.4 MM OR LESS ±1/32 (0.03) .793 MM			
OVER 1" (100) 25.4 MM LESS THAN 12" (1200) 304.80 MM ±1/16" (0.625) 15.9 MM			
OVER 12" (1200) 304.80 MM LESS THAN 60" (6000) 1524 MM ±1/8" (1.25) 31.8 MM			
OVER 60" (6000) 1524 MM TO 120" (12000) 3048 MM ±1/4" (2.50) 63.5 MM			
LEVEL UP ELEVATORS & LIFTS LLC			
4151 WEST 108TH STREET HIALEAH, FL 33018 (305) 884-1091 Fax (305) 884-1092			
CUSTOMER: -			
JOB NAME: -			
LOCATION: -			
SCALE : NTS			
DRAWN BY: DD		FINALS : -	
CHECKED BY: JC		RELEASED BY: XX	
CUSTOMER#: XX		P.ORDER #: XX	
JOB #: --352			SHEET #.1 OF 2

General:

- **External cylinder diameter: 52.75" (1339.85mm)**
- **Rated Load: 900 lbs. (408 kg)**
- **Speed: 30-40 fpm**
- **No pit required. Bottom level floor must be 100% level as elevator rests on existing floor.**
- **No hoist way required.**
- **Penetration required to install through floors and ceilings: 54.75" (1391mm)**

Safety:

- **UPS system for uninterrupted trip in the event of a power failure.**
- **Manual lowering hand crank device used in the event of a power failure AND backup failure.**
- **Mechanical emergency safeties within two inches of free fall in cable breakage or catastrophic failure.**
- **Electromechanical interlocks at each landing**
- **Alarm system and telephone**

Certification:

- **This elevator installation as defined in ai7.i will comply with ASME A17.1-2019, NEC-2020, and the building code IBC 2021 NJ ED. & FEM SEI ASCE 24-05 if applicable.**

Cabin:

- **Entrance width opening: 32" (813mm)**
- **Internal cabin height: 79" (2006mm)**
- **Internal cabin diameter: 43 1/2" (1118mm)**
- **Automatic LED lighting and cabin fan**
- **Door Height: 79" (2006mm)**
- **Height to top of Door closer: 80 1/2" (2045mm)**
- **Each landing level specified will include only one door.**
- **24 Volt electrical circuits with all controls in cabin**
- **Push button call controls with precise leveling at each landing.**

Shop drawings are not used for production purposes. LVLUP only builds to the final release information submitted on the ORDER CONFIRMATION forms

LVL CY300 Electrical Specifications

The following are the electrical requirements for a elevator, model series LVL CY200:

- **220 VAC suggested nominal load, 220VAC - 240VAC is an acceptable range. (If installation does not have 220 VAC on a regular basis, a voltage regulator or transformer must be installed by the home owner). Voltage fluctuations are not covered by the warranty.**
- **1 phase**
- **3 Wire (L1, L2, Ground)**
- **60 Hz**
- **Homeowner/Electrician needs to provide one 220V, 10A fused disconnect box and one 110V lighting circuit disconnect. Location of disconnect is requirement of local Authority Having Jurisdiction (AHJ).**
- **Controller needs to be mounted in eye view of the elevator, 36" minimum of working space in front of it**
- **A phone line with a phone jack is to be provided near the power supply, but isolated**
- **NEC620 Compliant light Box Specification Input 120V AC-2.1A, Output: 24V-4.5A max**
- **LEVEL UP DOES NOT PROVIDE POWER CABLE T MAIN DISCONNECT**

Suspension:

- **White Zinc Coated Steel Rope (7x19)**
- **IWRC 7X19 Wire Rope**
- **Nominal Strength: 6,600 lb (2993 kg) Drivetrain**
- **Winding Drum**
- **Motor 2.95 HP (2.2 kW - SA)**
- **Transmission: Gearbox**
- **Motor Control: Pre-programmed Variable Frequency Drive**

It is strongly recommended that the electrician contact LEVEL UP before starting work.

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DETAILS SHEET

TOLERANCES
UNLESS OTHERWISE SPECIFIED

1" (1.00) 25.4 MM OR LESS ±1/32 (.031) .793 MM

OVER 1" (1.00) 25.4 MM LESS THAN 12" (12.00) 304.80 MM ±1/16" (.0625) 1.59 MM

OVER 12" (12.00) 304.80 MM LESS THAN 60" (60.00) 1524 MM ±1/8" (.125) 3.18 MM

OVER 60" (60.00) 1524 MM TO 120" (120.00) 3048 MM ±1/4" (.250) 6.35 MM

LEVEL UP
ELEVATORS & LIFTS LLC

4151 WEST 108TH STREET
HIALEAH, FL 33018
(305) 884-1091 Fax (305) 884-1092

LEVEL UP
ELEVATOR & LIFTS

CUSTOMER: -
JOB NAME: -
LOCATION: -

DRAWN BY: DD SCALE : NTS
CHECKED BY: JC FINALS : -
CUSTOMER#: XX RELEASED BY: XX
P.ORDER #: XX

JOB #.: --352 SHEET #.2 OF 2