


Doc.No.A003-001 Rev. C Rev. date:03-10-2021			
REVISION AND PRINT RECORD			
REV. BY	DESCRIPTION	DATE	FOR
PAB	INITIAL LAYOUT	1/26/22	APP
GENERAL SPECIFICATIONS			
DESCRIPTION / MATERIAL / FINISH			
MODEL	TYPE: PVE30 <input type="checkbox"/> PVE37 <input type="checkbox"/> PVE52 <input checked="" type="checkbox"/>		
FLOORS	NUMBER OF STOPS: TWO (2) <input type="checkbox"/> THREE (3) <input type="checkbox"/> FOUR (4) <input checked="" type="checkbox"/> FIVE (5) <input type="checkbox"/>		
	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: 108.000" <input checked="" type="checkbox"/> INCHES <input type="checkbox"/> MILLIMETERS <input checked="" 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)		
	SPLIT UNIT (REMOTE): <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, SPLIT DISTANCE..... <input checked="" type="checkbox"/> ft. <input type="checkbox"/> m NOTE: 30ft. (10m MAXIMUM) <input type="checkbox"/> SPLIT PLATE SIDE ADAPTER REMOTE CONTROLLER: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, REMOTE DISTANCE..... <input checked="" type="checkbox"/> ft. <input type="checkbox"/> m		
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: <input checked="" type="checkbox"/> CABIN TELEPHONE <input type="checkbox"/> REMOTE CONTROL (INCLUDE 1 REMOTE) <input type="checkbox"/> CLEAR POLYCARBONATES <input type="checkbox"/> STANDARD MOUNT ACOUSTIC PACKAGE <input type="checkbox"/> 180 DEGREE OPPOSITE DOORS (P1 ONLY) <input type="checkbox"/> AUTOMATIC DOOR OPENERS (x4) <input type="checkbox"/> CUSTOM RIGHT HAND DOOR SWING * 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			
PNEUMATIC VACUUM ELEVATORS LLC 4151 WEST 108TH STREET, HIALEAH, FL 33018 (305) 884-1091 Fax (305) 884-1092			 ELEVATOR
CUSTOMER: -			
JOB NAME: -			
LOCATION: -			
SCALE : NTS			
DRAWN BY: AM		FINALS : -	
CHECKED BY: JC		RELEASED BY: XX	
CUSTOMER#: XX		P.ORDER #: XX	
JOB #: --452		SHEET #.1 OF 2	

General:

- External cylinder diameter: 52" (1321mm)
- Rated Load: 525 lbs. (238 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" (1372mm)

Safety:

- Automatic descent to ground level at safety speed in the event of a power failure.
- Mechanical emergency brakes within two inches of free fall in vacuum loss or catastrophic failure.
- Electromechanical interlocks at each landing
- Alarm system and telephone
- Certification:
- American Society of Mechanical Engineers ASME A17.7
- See Supporting certificate and report
- Certificate # NA 10-0842-1004-003-01

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.

PVE52 Electrical Specifications

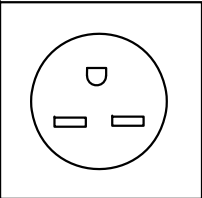
The following are the electrical requirements for a elevator, model series PVE52:

- 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)
- 40 Amps
- 60/50 Hz
- Power: 7.2 kW
- Primary disconnect is to be provided by others. Location of disconnect is requirement of local Authority Having Jurisdiction (AHJ).
- Electrical termination point is at top of elevator. If a split is used electrical termination will be on top of head/split system.
- A phone line with a phone jack shall be provided by homeowner near the power supply, but isolated.
- A 4ft power cord and plug is provided on top of elevator or head/split system for easy of connecting. The provided plug is manufactured by Pass & Seymour or Comparable substitute:

Catalog Number	Page (PDF)	Rating A	Rating V	Description	Cord Diameter	NEMAConfig. No
3869	G11	30/50	250	Angled Plug, Black	0.56 - 1.1 in.	6-30P/6-50P

- Home owner / electrician needs to provide 220VAC, 1phase, 40amp electrical outlet as shown below (Pass & Seymour or Comparable substitute):

220VAC, 1phase
POWER OUTLET



Straight Blade Devices Power Outlet receptacles & Plugs					Pass & Seymour
20, 30, 50, & 60 A					<input type="checkbox"/> legrand
Catalog Number	Rating A	Rating V	Receptable/Plug Config and NEMA no.	Description	AL/CU
3801	30	250	6-30	Flush Receptacle	.

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

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

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DETAILS SHEET

TOLERANCES
UNLESS OTHERWISE SPECIFIED

1" (1.00) 25.4 MM OR LESS ±1/32 (0.03) .793 MM


OVER 1" (1.00) 25.4 MM LESS THAN 12" (12.00) 304.80 MM ±1/16" (0.625) 159 MM

OVER 12" (12.00) 304.80 MM LESS THAN 60" (60.00) 1524 MM ±1/8" (1.25) 318 MM

OVER 60" (60.00) 1524 MM TO 120" (120.00) 3048 MM ±1/4" (2.50) 635 MM

PNEUMATIC
VACUUM ELEVATORS LLC

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



ELEVATOR

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JOB NAME: -

LOCATION: -

SCALE : NTS

DRAWN BY: AM

CHECKED BY: JC

CUSTOMER#: XX

FINALS : -

RELEASED BY: XX

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SHEET #.2 OF 2