

# PVE37 Technical Specifications



## General:

- External cylinder diameter: 37" (940mm)
- Rated Load: 450 lbs. (205 kg)
- Speed: 30 fpm (.15 ms)
- No pit required. Bottom level floor must be 100% level as elevator rests on existing floor.
- No hoistway required.
- Minimum overhead clearance:
  - Standard Unit (turbine motors located on top): 107" (2,719mm)
  - Split Unit (turbine motors located remotely): 97" (2,464mm)
- Penetration required to install through floors and ceilings: 39" (991mm)

## Mechanical Requirements

- 220V, 60/50 Hz, 30amp single phase power supply
- 5 turbine motors located in pump box using a total of 5KW

## Cabin:

- Entrance width opening: 20 1/2" (521mm)
- Internal cabin height: 79" (2007mm)
- Internal cabin diameter: 29 1/2" (750mm)
- Automatic LED lighting and cabin fan
- Door openings: same side (in-line) and walk through (180°).
  - All doors are hinged on top left, with door swing to the left, from inside the cabin.
    - Door Height: 77 3/4" (1,975mm)
    - Height to top of Door closer: 79 1/2" (2,020mm)
  - 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.

## Safety:

- Automatic descent to ground level at safety speed in the event of a power failure.
- Mechanical emergency brakes within two inches of freefall in vacuum loss or catastrophic failure.
- Electromechanical interlocks at each landing
- Alarm system and telephone (optional)