



## THE CUBE TECHNICAL SPECIFICATIONS

### GENERAL:

- External cube dimensions: 36" x 36"
- Cube height: 92"
- Rated load: 450 lbs.
- Speed: 40 fpm
- No pit required. Bottom floor must be 100% level as elevator rests on existing floor.
- No hoistway required.
- Minimum floor to floor clearance: 92"
- Minimum floor to ceiling clearance: 81"
- Minimum overhead clearance:
  - Standard Head Unit: 107"
  - Split Unit: 97"
- Penetration required for through-floors and ceilings: 38" x 38"

### MECHANICAL/ELECTRICAL:

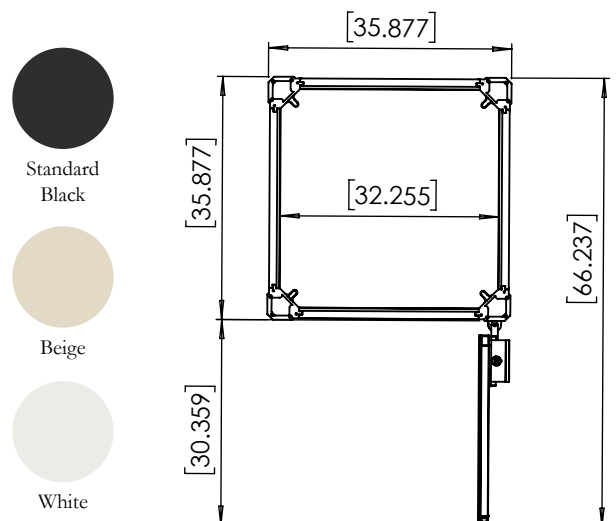
- 220V - 240V, 60/50 Hz, 30amp single phase power supply
- 5 turbine motors located in pump box using a total of 6 kW

### SAFETY:

- Automatic descent to ground level at safety speed in the event of 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.

### CABIN:

- Entrance width opening: 25"
- Internal cabin height: 79"
- Internal cabin dimensions: 32" x 32"
- Automatic LED lighting and cabin fan
- Door openings:
  - Same Side (In-Line)
  - Opposite Side (Pass-Through)
  - 90° Openings
- All doors are hinged on top left with door swinging to the left from inside the cabin:
  - Door height: 77 & 3/4"
  - Door height with door closer: 79 & 1/2"
- Each landing specified will include only one door.
- 24V electrical circuits with all controls in cabin.
- Push button call controls with precise leveling at each landing.



*Information listed in this document is standard/generic information.  
Customizations are available per request. Please speak to a PVE Sales Manager for further information.*