

PE LUXURY
LIFTS
B R O C H U R E

OUR GLOBAL PRESENCE

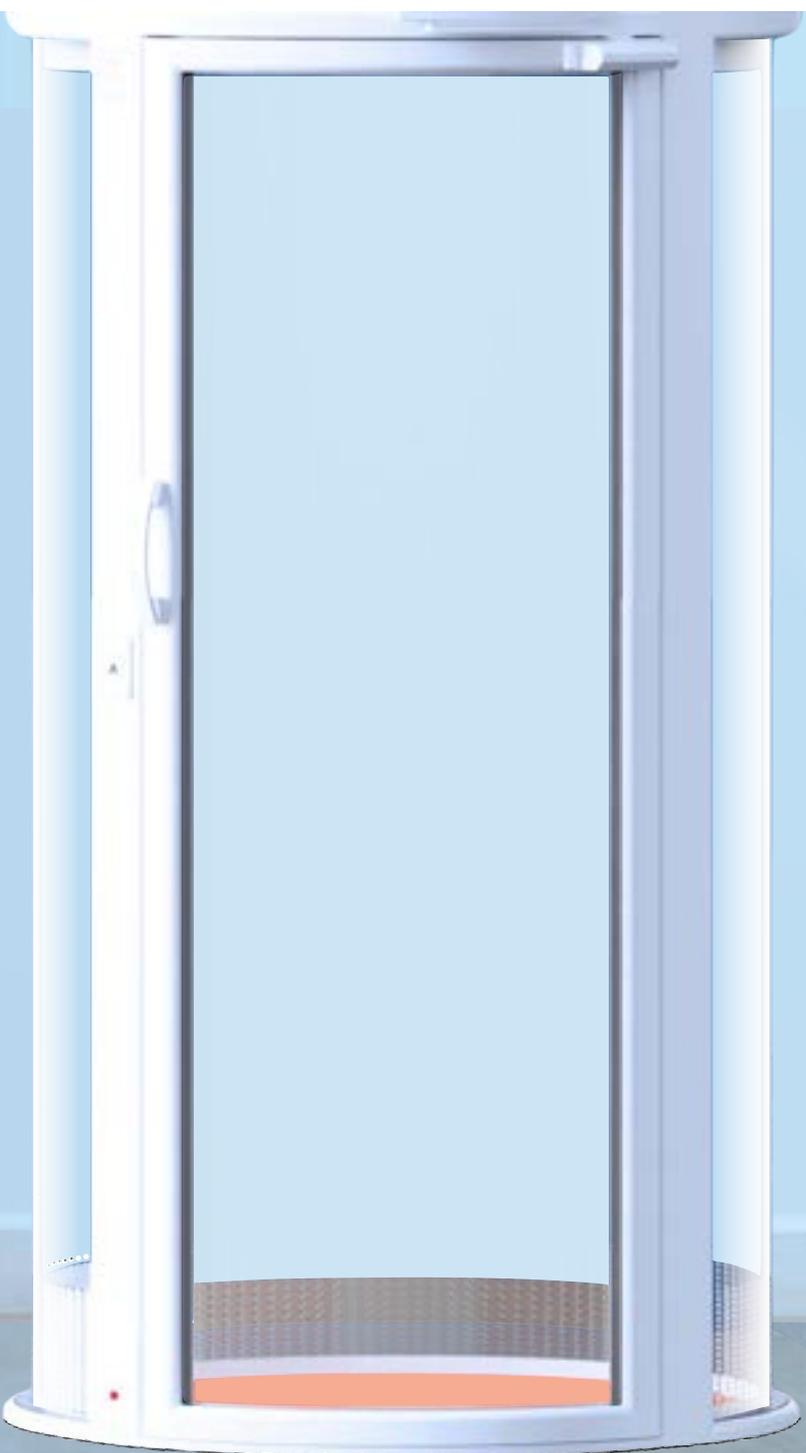


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More Information

PE LIFTS HAS A FAST GROWING EMPLOYEES IN 14 COUNTRIES AND
OVER 40 EXPERIENCE CENTERS, SPREAD ACROSS THE GLOBE







About PE Lifts

PE Lifts, a premier home lift manufacturer, upholds the highest standards of quality and safety.

Introduced to the industry in 2021, PE LIFTS is the manufacturer of the most advanced and cost-effective home lifts technology available today. Our state-of-the-art air-powered pneumatic elevators are innovative, space-saving home elevator solutions that have revolutionized the way people and goods are transported. transported vertically in their home.

PE Lifts boasts a global presence in 14 countries. With 44 operational experience centers worldwide and more in development, the company is renowned for its outstanding service and commitment to excellence. We believe that quality and affordability should come together, and this is our mission.

Our Commitment

Our commitment to our clients is to provide a residential lift that they can rely on to improve their lifestyle while adding value to their homes; this is from a functional and aesthetical perspective.

At PE Lifts, we create luxury, beauty, accessibility and convenience to every home, one lift at a time.

Vision & Value

To be your first choice in designing, supplying, installing and maintaining the Passenger Elevators. We are motivated with technological advances and are keen to supply quality material. We invest in progress and innovation. PE Lifts believe in health and safety of our Customers, Employees and Users. We motivate, support and participate.

Specialisation

PE Lifts can boast of installing the maximum number of Special Purpose Elevators. Furthermore we are continuously expanding our range of Passenger Elevators for Machine Room Less Type with Gearless machine used in restoration or modernization projects and for Eco-friendly Building.

Customer Commitment

Thanks to our qualified team, we are able to guarantee world class products and work in terms of "Safety & Ride Quality". PE Lifts caters to individual needs of each customer in terms of installation, Design, Cabin Interiors, Type of doors and we also create customized products for each project with the best solutions.

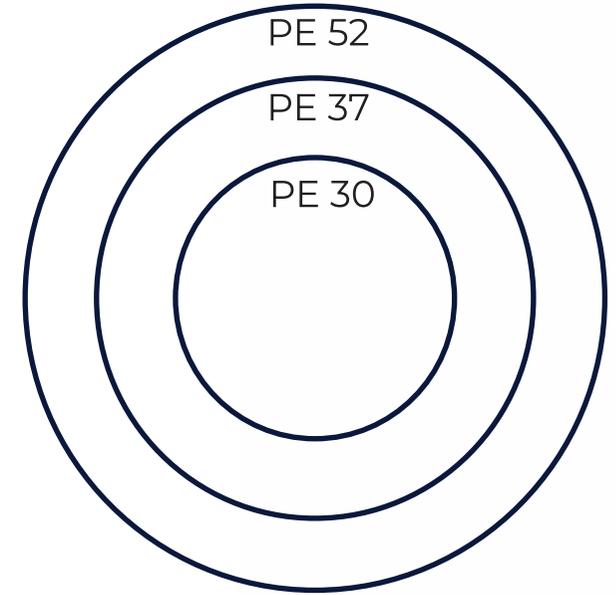
Services

A motivated team of engineers, technicians and call centre is pressed into service to ensure a trouble free operation. We have achieved the highest uptime in the industry. We offer comprehensive Maintenance package at reasonable rates.

Market Leadership

PE Lifts has Eleven International Affiliations and with over two years of experience, PE Lifts has established as a leading company in the design, manufacturing, sales and installation of all type of Passenger Elevators, Stretcher Elevators, Panoramic Elevators and Elevators in Steel Structures.

Redefining Accessibility



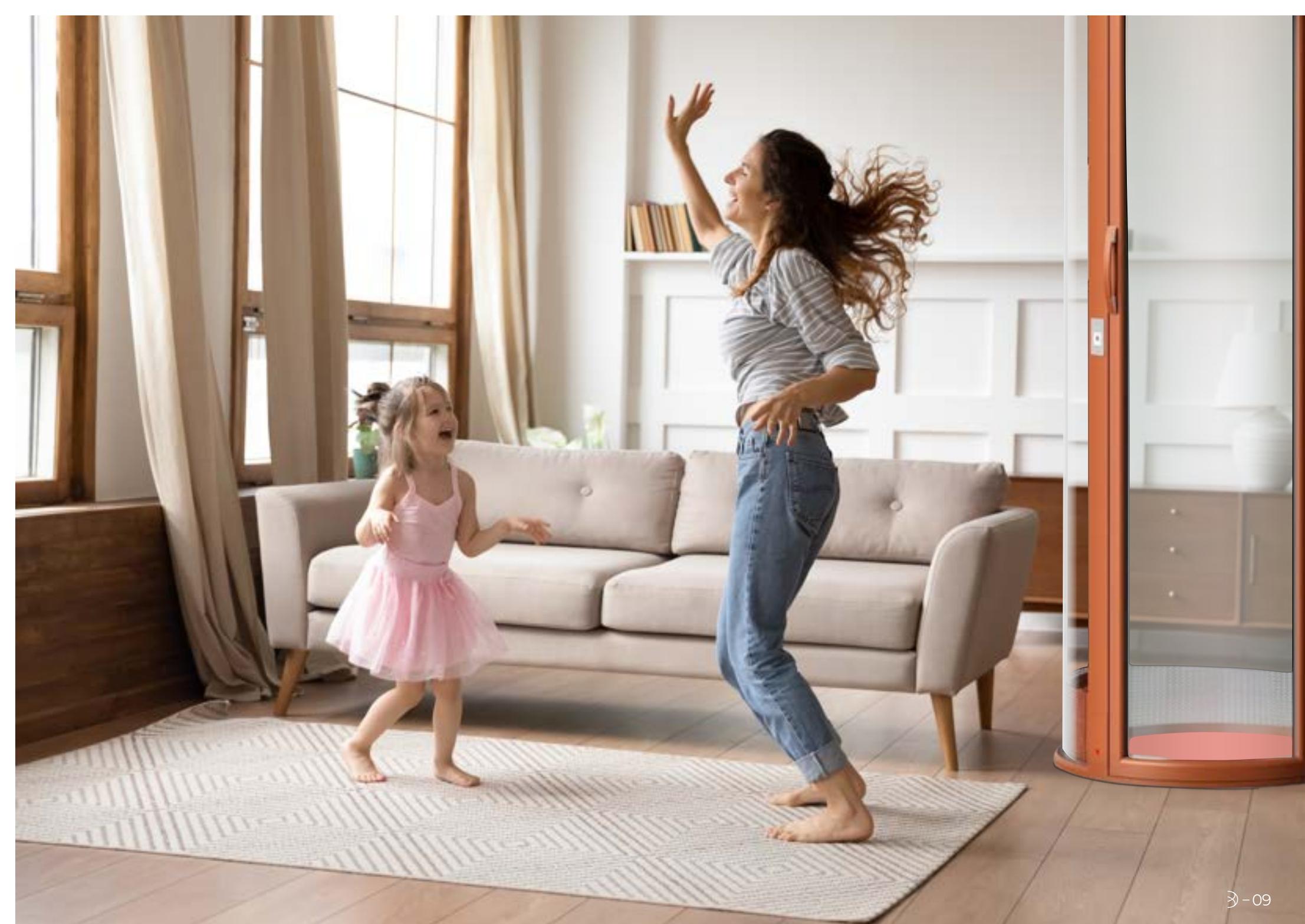
THE INNOVATION SOLUTION

World's Quietest, Smoothest, and Largest Vacuum Elevator

Pneumatic Technology

By using Pneumatic Technology to generate areas of higher and lower pressure within the cylinder hoistway, Pneumatic Elevators combine a vertical cylinder with a fully enclosed car that smoothly moves up and down through air suction and gravity.

**AIR-o Dynamic Pneumatic Lift,
uses air pressure, efficient mechanism**





Advanced Suspension System

Designed with a unique suspension, PE Lifts home elevators guarantees an exceptionally seamless landing at every floor stop. Such a suspension mechanism expertly regulates the elevator's decent to align with the stopping level, delivering an unrivaled, razor-smooth landing experience. This revolutionary characteristic not only elevates the overall ride quality for passengers but also diminishes the strain exerted on the elevator's components, thus potentially enhancing their longevity. Incorporating this advanced technology into elevators is a remarkable step towards enabling vertical transportation that is both more efficient as well as luxurious.



Futuristic Engineering

Employing state-of-the-art manufacturing techniques and revolutionary materials, the elevators' design guarantees unparalleled sturdiness. In addition, the absence of visible screws, welds, and rivets not only imparts a refined appearance, but also elevates the levels of safety. Our masterpiece sets a new standard in elevator design, leaving all others in its wake.



Modular Enhancements

PE Lifts come in a completely knocked down manner directly from the manufacturing unit. This enables the lifts to be installed in under 48 hours. Also, these lifts are compatible with all other modifications that may be needed in the course of its lifetime. You can add or remove additional stops and also make customized improvements for the interior.





Self Supported Structure

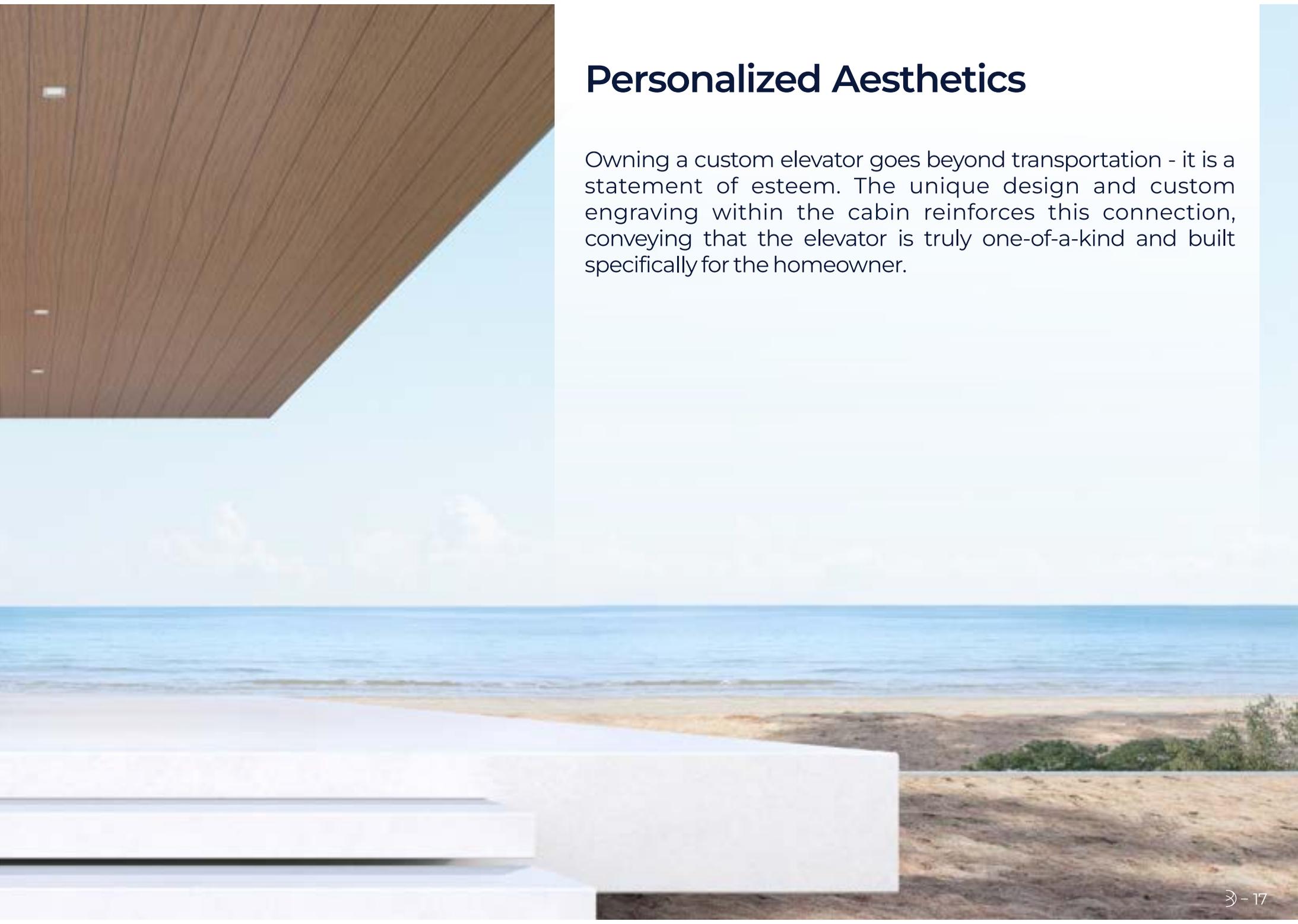
PE Lifts are stand alone installations that do not require any supporting beam, column or wall. The external shaft is made of polycarbonate glass that is 250 times stronger than normal glass

360° Panoramic View

Our elevators are designed with utmost consideration for comfort and safety. Featuring panoramic views, these elevators aim to alleviate claustrophobic feelings by offering expansive vistas.

The transparency of the elevators allows for a clear view of one's home, providing a sense of security and connectivity to those within the dwelling. Furthermore, this element imbues the elevators with a visual appeal, ensuring a truly exceptional experience.





Personalized Aesthetics

Owning a custom elevator goes beyond transportation - it is a statement of esteem. The unique design and custom engraving within the cabin reinforces this connection, conveying that the elevator is truly one-of-a-kind and built specifically for the homeowner.

Pioneering Safety Mechanisms

PE Lifts has developed an elevator specifically designed for private residences, with a focus on the safety of children and elders who may use it. Our paramount concern is safety, and we have implemented four layers of safety measures that exceed standard requirements. Our aim is to provide customers with an elevator that is absolutely safe in all aspects, giving them peace of mind and ensuring the safety of their loved ones. With our commitment to safety, you can trust that our elevator is the right choice for your home



European Standards of Machine Directive 2006/42/EC

4 LAYERS OF SAFETY

DO YOU KNOW THAT OUR ELEVATOR'S TECHNOLOGY IS THE SAFEST ON THE PLANET?

- 1 In case of a power outage during the operation of the elevator, the elevator's car automatically descends to the ground floor. The passenger can open the door manually and step out without any technical assistance.
- 2 In the unfortunate event of the elevator getting stuck between two floors, the 'Emergency Landing Button' placed inside & outside the elevator's cabin enables the user to land the elevator on the ground floor
- 3 In case of Pneumatic pressure failure or if the lift travels beyond the designated speed, the 'Sure Stop' safety feature locks the elevator's car within 2 inches.
- 4 The Conventional Lock on the door can be used to manually unlock the elevator, in case of an emergency.

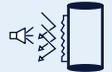


3 Layers of Door
Lock Safety

60 dB
Soundproof 2.0

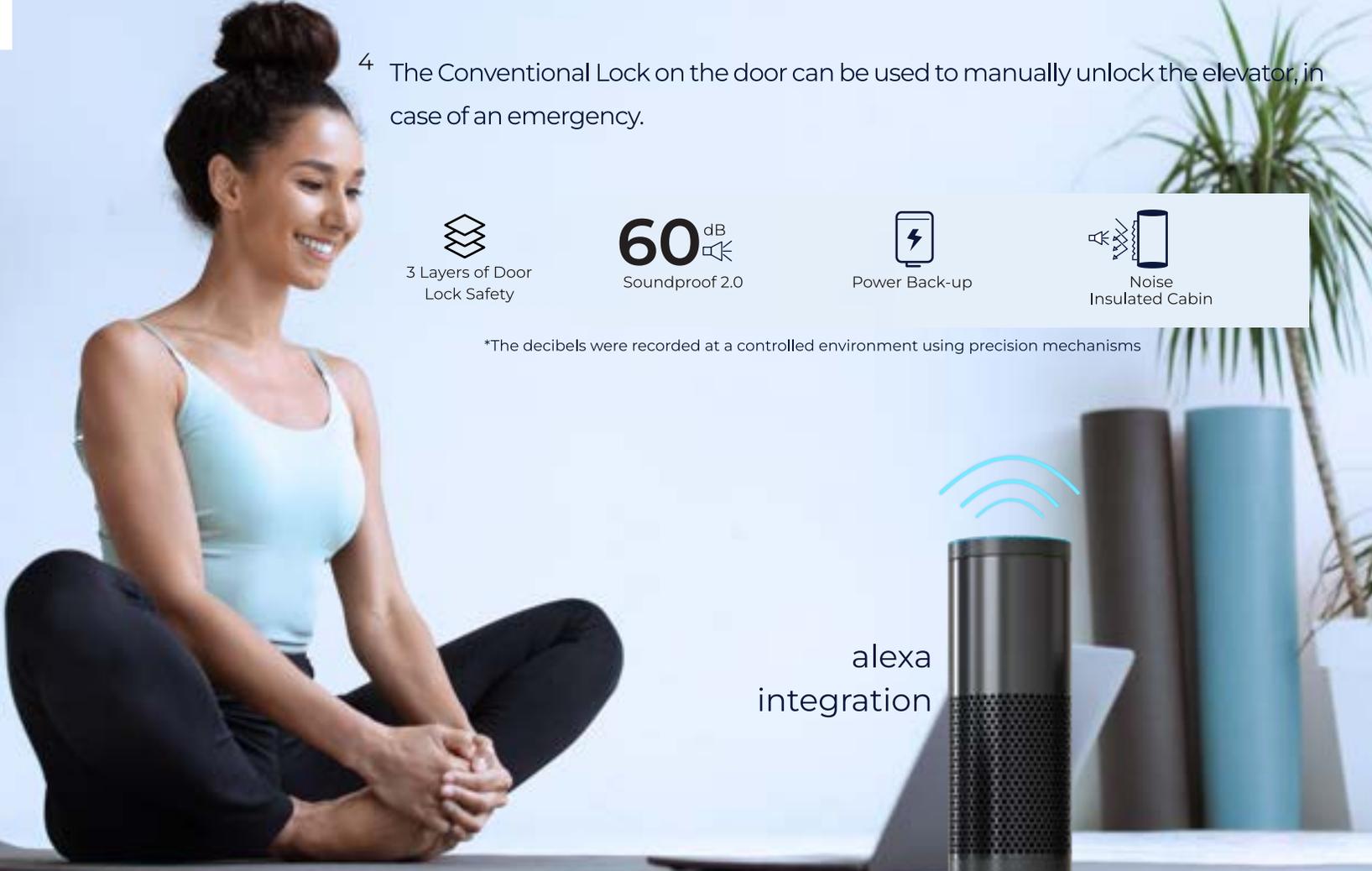


Power Back-up



Noise
Insulated Cabin

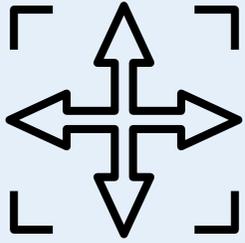
*The decibels were recorded at a controlled environment using precision mechanisms



alexa
integration

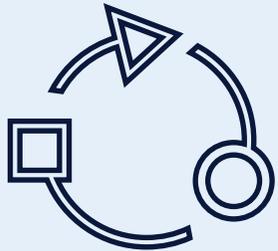
PE LIFTS





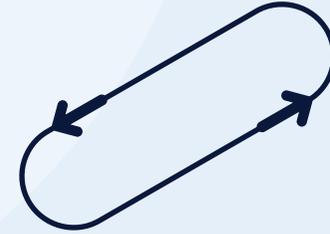
Easy and Mobile

With its unique ability to be ‘Completely knocked down’ and moved from one location to another, PE Lifts are perfect for you to plan a change of home layouts, locations or even add additional stops to your existing lifts. Our lifts are designed to grow with you and your family and are easy to install, operate, and maintain making it a convenient and hassle-free addition to your home.



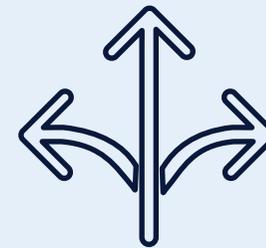
Adaptability

Our elevators require 3.3 feet of diametrical space, out of which, the cabin occupies 3 feet of diametrical space. The sleek, compact design and technological simplicity ensure that our elevator makes maximum utilization of your space. The elevator can be installed without any requirement for pit/headroom installation, flooring reinforcements / structural changes.



Return to Home

Based on the timely configuration, the electromechanical system in our elevators can assist you in choosing the landing floor of your choice when the elevator is not in use.



Flexibility

With our patented technology, a G+1 elevator can be converted into a G+2 or a G+3 at any given point in time. The elevator can also be completely dismantled and can be installed in case of relocation.



Hidden Adjustable Fan



Zero Visible Screws



Curved Designed Profile



Ambient Glow Light



Largest Panoramic Cabin



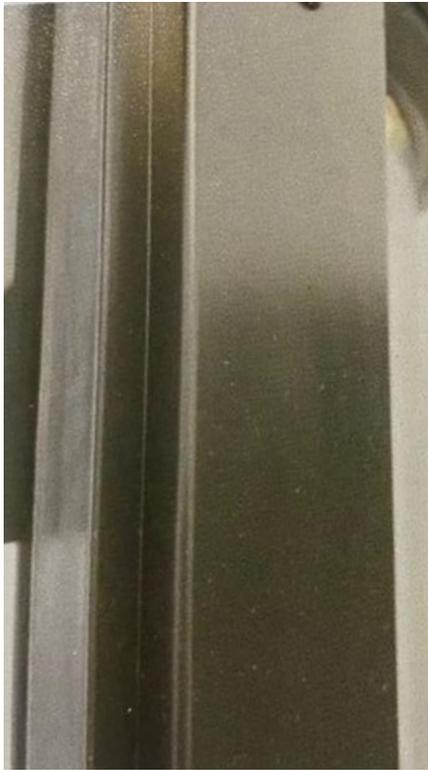
Telephone In-Built

WHAT'S UNIQUE ABOUT PE LIFTS

- AESTHETIC
- SAFETY
- PERFORMANCE

AESTHETICS

We believe a cohesive aesthetic can create a sense of harmony and balance throughout the house, while unique and eye-catching elements can add interest and spark joy. Ultimately, aesthetics are a reflection of one's personal style and taste, and when thoughtfully curated, can transform a house into a warm and welcoming home.



STANDARD
SHAPED PILLAR



CURVED
DESIGNER PROFILE



STEEL DOOR
WITH FRAMES



ALUMINIUM DOOR WITH
FRAMELESS DESIGN



CONNECTOR HOLES SEEN
ON ALL PILLARS



NO CONNECTOR
HOLES



DOOR HANDLES PAINTED TO
MATCH SHAFT COLOUR



SIMPLE DOOR
HANDLES



EXPOSED
DOOR HINGES



CONCEALED HINGES FOR
SEAMLESS FINISH



MDF
CEILING



PAINTED METAL CEILING
WITH NO FIXING SCREWS



VISIBLE SENSORS
ON EVERY STOP



CONCEALED
SENSORS



GROOVED CYLINDER
RINGS



SMOOTH AND
FLUSHED FINISH

SAFETY



Safety has always been a top priority at PE Lifts which goes to talk about our sophisticated designs of four levels of safety features such as emergency button, automatic descent, alarms, etc. Manufactured in accordance with European Standards, our elevators are CE certified and have a ISO 9001:2015 certification from Lift Instituut, ASME Certificate of Conformance, Member of NAEC and Partner AIA that ensures that a product, service, or process has passed all safety testing and meets relevant compliance requirements.

SAFETY FEATURES

- PE 30 PE 37 PE 52 -

Electric and Electronic Door Lock

Child Switch

Standard Landline Connection

Alarm System

Stationary GSM Module

Door Safety Switch

ASME Compliant

Emergency Ventilation

Standard Profile

Aux Battery for Light and Fan

Curved Edges

European Standard - CE Certified

Cabin Phone

ISO 9001:2015 Certification by LiftInstituut

PERFORMANCE



Our State-of-the-art elevators stand at the pinnacle of innovation, style and elegance, setting a new standard for home elevators in the industry. The PE Lifts are true work of engineering and design, crafted to perfection with a focus on functionality, safety, and aesthetics. This work of art will elevate your home to new heights, both in terms of style as well as convenience.

PERFORMANCE FEATURES

PE 30

Single Passenger Elevator

350lbs Lifts Capacity (159kg)

40 ft/mm Traveling Speed

30 inches (750mm) External Diameter

Standard Built in Unit / Split

Electrical Power Board

In-Line Door Opening

Standard Main Board

PE 37

Two Passenger Elevator

450lbs Lifts Capacity (205kg)

40 ft/mm Traveling Speed

37 inches (950mm) External Diameter

Standard Built in Unit / Split

Electrical Power Board

In-Line Door Opening

Standard Main Board

90° Door Opening

**Limitations with 90° door opening*

PE 52

Three Passenger Elevator

525lbs Lifts Capacity (238kg)

35 ft/mm Traveling Speed

52 11/16 inches (1,338mm) External Diameter

Electrical Power Board - Noise Free

In-Line and Walk Through Door Opening

Upgradable Main Board

Wheelchair Compatibility

Soundproof Built in Unit / Split

Seamless Joints

Patented - Fused Looking Technology



PE LIFTS Models
SPECIFICATIONS

	PE 30	PE 37	PE 52
SPECIFICATIONS			
Zero Pit	Yes	Yes	Yes
Unbreakable Glass Made of Polycarbonate	Yes	Yes	Yes
Self-Supported Lightweight Hybrid Shaft	Yes	Yes	Yes
Single Phase Power Consumption	Yes	Yes	Yes
Zero Power while descend	Yes	Yes	Yes
3 Axis Adjustable Door Hinges	Yes	Yes	Yes
GLE Technology (Grease less Elevator)	Yes	Yes	Yes
CKD Kit (Completely Knocked Down)	Yes	Yes	Yes
Lifetime Warranty on Seal & Motor	-	-	-
No. of Colours	2	6	6
Carpet Colours Available	Red	Red / Grey / Beige	Red / Grey / Beige
Standard Concealed Fan	Yes	-	-
Hidden Fan	-	Yes	Yes
Standard Single Spot Light	Yes	-	-
Ambient Glow light	-	Yes	Yes
Custom Built engraving inside cabin	-	Yes	Yes
AESTHETICS			
360 Panoramic glass view	Yes	Yes	Yes
Curved designer profile	Yes	Yes	Yes
No connector holes on the shaft joints	-	Yes	Yes
Cylinder joint cover - matching designer profile	-	Yes	Yes
Concealed Hinges with No Projected Visible Metal Cover	-	Yes	Yes
Invisible Sensors on the Shaft	-	Yes	Yes
Cabin Colour Matching to Lift Colour	Yes	Yes	Yes

	PE 30	PE 37	PE 52
Panoramic Frameless Aluminium Door	-	Yes	Yes
Door Handles Painted to Match Lift Colour	-	Yes	Yes
Cabin Base Cover Plates	-	Yes	Yes
MDF Ceiling	Yes	-	-
Zero Visible Screws on Shaft / Cabin & Doors	-	Yes	Yes
No Visible Screws on Shafts / Cabin & Doors	-	Yes	Yes
Largest Panoramic Cabin	-	Yes	Yes
SAFETY			
DC Powered Cabin	Yes	Yes	Yes
Dual HCC Brakes (Hardened Cross Compound)	Yes	Yes	Yes
Zero Sharp Edges Improving Safety of the Family Members	Yes	Yes	Yes
AUX Battery to Power Light, Fan, Alarm & Phone	Yes	Yes	Yes
Electric Door Lock for Safety Triangle	Yes	Yes	Yes
Emergency Alarm	Yes	Yes	Yes
Cabin Phone with GSM	Yes	Yes	Yes
EEM (Electric, Electronic & Mechanical) Landing Door	Yes	Yes	Yes
Child Safety Switch	Yes	Yes	Yes
Power Failure Automatic Descent	Yes	Yes	Yes
PERFORMANCE			
Patented Fuse Locking Technology - FLT	Yes	Yes	Yes
PLL (Precision Landing Levers)	Yes	Yes	Yes
Silent Main Board with Software Updates	-	Yes	Yes
Track Errors Log with Usage History	-	Yes	Yes
Self-Supported Hybrid Structure	Yes	Yes	Yes
Capacity	159 kg / 350 lbs	205 kg / 450 lbs	238 kg / 525 lbs

	PE 30	PE 37	PE 52
No. of People	1	2	3
Speed	40 fpm (.15 m/s)	40 fpm (.15 m/s)	35 fpm (.15 m/s)
Maximum Distance (ft)	2 to 5	2 to 5	2 to 5
No. of Stops	5	5	5
Single Phase Power Consumption	Yes	Yes	Yes
Zero Power While Descend	Yes	Yes	Yes
Auto Return When Unused	-	Yes	Yes
High Performance Seal - Carbon Edition	-	Yes	Yes
Wheelchair Compatibility	-	-	Yes
Sound Proof Model*	-	Yes (62 dB)	Yes (62 dB)
Split Model*	Yes(64 dB)	Yes (55 dB)	Yes (55 dB)
Power Supply	220 V / 20 A	220 V / 30 A	220 V / 40 A
Power Consumption	3.8 kW	6 kW	7 kW
Inside Diameter Widest Point (inches)	25"	32" 1/2	46" 3/4
Doorway Width (inches)	20"	20" 1/2	32"
One-Touch Operation	Yes	Yes	Yes
Available Entrances	0°	0°, 90°, 270° and 180°	0° and 180°
Possibility of an Automatic Door	Yes	Yes	Yes
DIMENSIONS			
External Shaft Diameter	935 mm / 36.8 in	935 mm / 36.8 in	935 mm / 36.8 in
Internal Cabin Diameter	749 mm / 29.4 in	749 mm / 29.4 in	749 mm / 29.4 in
Cabin Height	1935 mm / 76.1 in	1950 mm / 76.7 in	1950 mm / 76.7 in
Clear Door Opening	508 mm / 20 in	508 mm / 20 in	508 mm / 20 in
Minimum Headroom	2436 - 2800 mm / 95.9 - 110.2 in	2436 - 2800 mm / 95.9 - 110.2 in	2436 - 2800 mm / 95.9 - 110.2 in

*The decibels were recorded at a controlled environment using precision mechanisms

	PE 30	PE 37	PE 52
Finished Perforation Diameter (inches)	32"	39"	54" 11/16
Minimum Height on Upper Floor (inches)	97"	97"	97"
OPTIONS			
Cabin chair with handrail	-	o	o
Handrail only	-	o	o
Earthquake Brackets	o	o	o
Floor cover plates	o	o	o
Ceiling cover plates	o	o	o

Lower Heights Clearance are possible. Speak to a PE Lift Sales Representative to confirm the feasibility of your desired installation.

(Yes) Available / (-) N/A / (o) Optional

COLOUR OPTIONS

PE Lifts wide range of colour options make sure the elevator will blend with any interior decor.

STANDARD



Standard Gray



Cream White

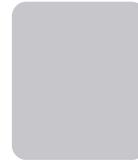
PREMIUM



White



Black



Anodized Silver



Taupe



Scarlet Red



Sienna Brown



Cobalt Blue



Viridian Green

METALLIC



Gold

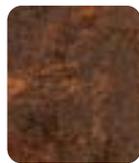


Silver

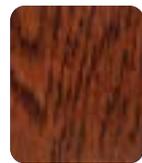
LIMITED EDITION



Carbonic Fiber
(Matt / Glossy)



Umber Brown
(Matt / Glossy)



Russet Brown
(Matt / Glossy)



Mahogany Brown
(Matt / Glossy)

CARPET



Dark Blue



Scarlet Red

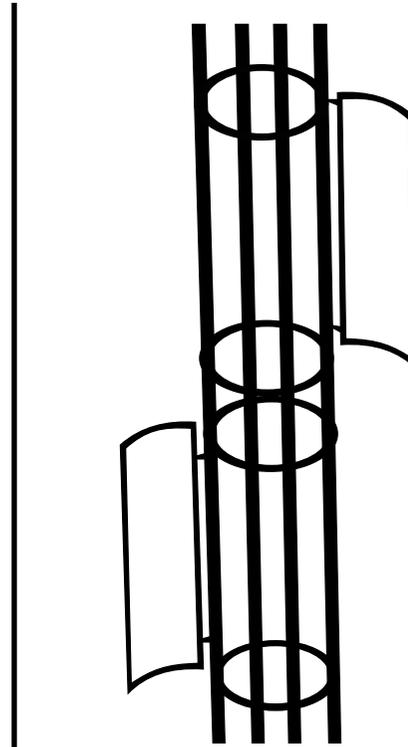
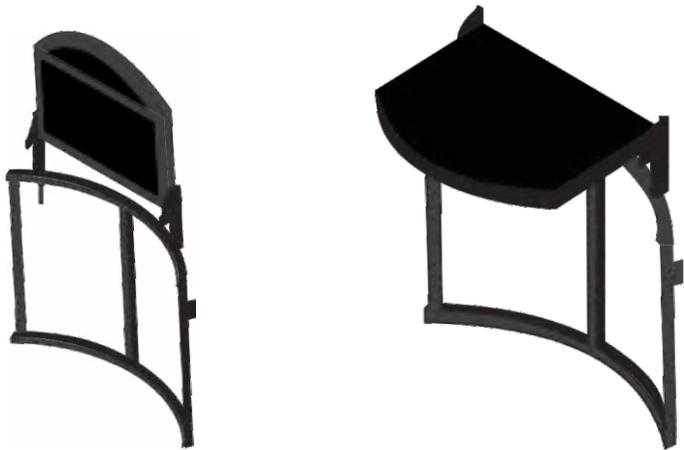


Ashen Grey

ACCESSORIES

PE Lifts wide range of colour options make sure the elevator will blend with any interior decor.

FOLDABLE CHAIR



MULTIPLE DOOR ACCESS

The door access can be customized to be on different sides of the elevator for different floors. The flexibility of the elevator comes in very handy, especially for homes that have been planned and built without elevator space. This technology removes a lot of complications faced by every home elevator buyer.



Wheelchair
Compatibility

HEAD TYPES



STANDARD MOUNT

Included as the base PE Machinery option for all Pneumatic Elevator orders, a Standard Mounted application allows for the PE Machinery to be installed directly on top of the upper floor cylinder.

ADVANTAGES

1. Standard Mounted Machinery
2. Quick and Easy Installation
3. Self-Contained, Plug & Play Operation

**Minimum Height on Upper Floor
105" inches**



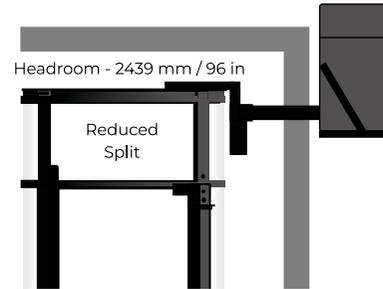
**STANDARD MOUNT
ACOUSTIC**

Utilizing audio engineering and sound proofing material to reduced decibels ratings, the Standard Mount - Acoustic upgrade option allows for the PE Machinery to be installed directly on top of the upper floor cylinder.

ADVANTAGES

1. Decibel Reducing Solution for Standard Mounted Applications.
2. Plug & Play System
3. Easy-to-Install Machinery Option

**Minimum Height on Upper Floor
107" inches**



SPLIT UNIT OUTDOOR

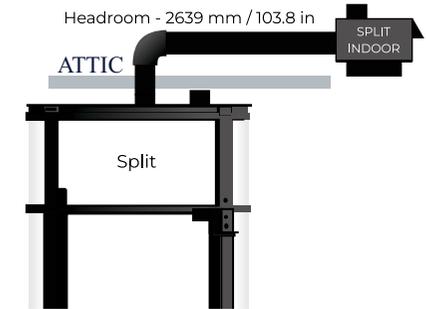
Designed to allow the PE Machinery to be installed externally from the home, the split-unit mount - outdoor machinery option is an upgrade designed to allow the PE Machinery to be installed in an exterior setting.

Installed inside a fiber glass enclosure, this PE Machinery solution is connected to the top of the elevator by two 4" inch PVC pipes or a flex hose alternative and can be installed outside up to 30 linear feet away from the top of the unit.

ADVANTAGES

1. Lower Floor-to-Ceiling Height Requirement on the Top Floor.
2. Most Efficient Audio Solution for PE Machinery
3. Customizable Positioning of Split-Unit Machinery Outside the Home.

**Minimum Height on Upper Floor
97" inches**



SPLIT UNIT INDOOR

Designed to accommodate installations with lower overhead clearances on the top floor, the Split-Unit Mount - Indoor machinery option is an upgrade that allows the PE Machinery to be installed remotely inside the home.

Connected to the top of the elevator by two 4" inch PVC pipes or a flex hose alternative, the Split-Unit machinery can be installed up to 30 linear feet away from the top of the unit and is often located in attics, adjacent closets or mechanical rooms within the home.

ADVANTAGES

- Lower overhead clearance requirements on the top floor.
- Reduction of decibel ratings inside home.
- Customizable positioning

**Minimum Height on Upper Floor
97" inches**

*Lower Height Clearance are possible. Speak with a PE Lift Sales Representative to confirm the feasibility of your desired installation.

PE MACHINERY CONFIGURATION

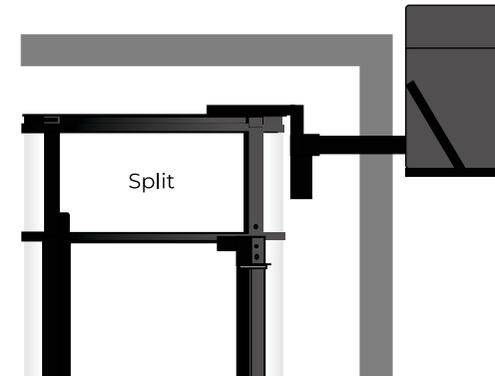


STANDARD MOUNT CONFIGURATION

A quick to install, aesthetically pleasing solution, Standard Mounted applications allow for the PE Machinery to be installed directly on top of the upper-floor cylinder.

The simplest solution in terms of installation, Standard Mounted applications are plug and play systems that require a 220 volt power supply to be located directly above or close to the top of the unit.

****Lower Height Clearance are possible.
Speak with a PE Lift Sales Representative to
confirm the feasibility of your red installation.***



SPLIT UNIT MOUNT CONFIGURATION

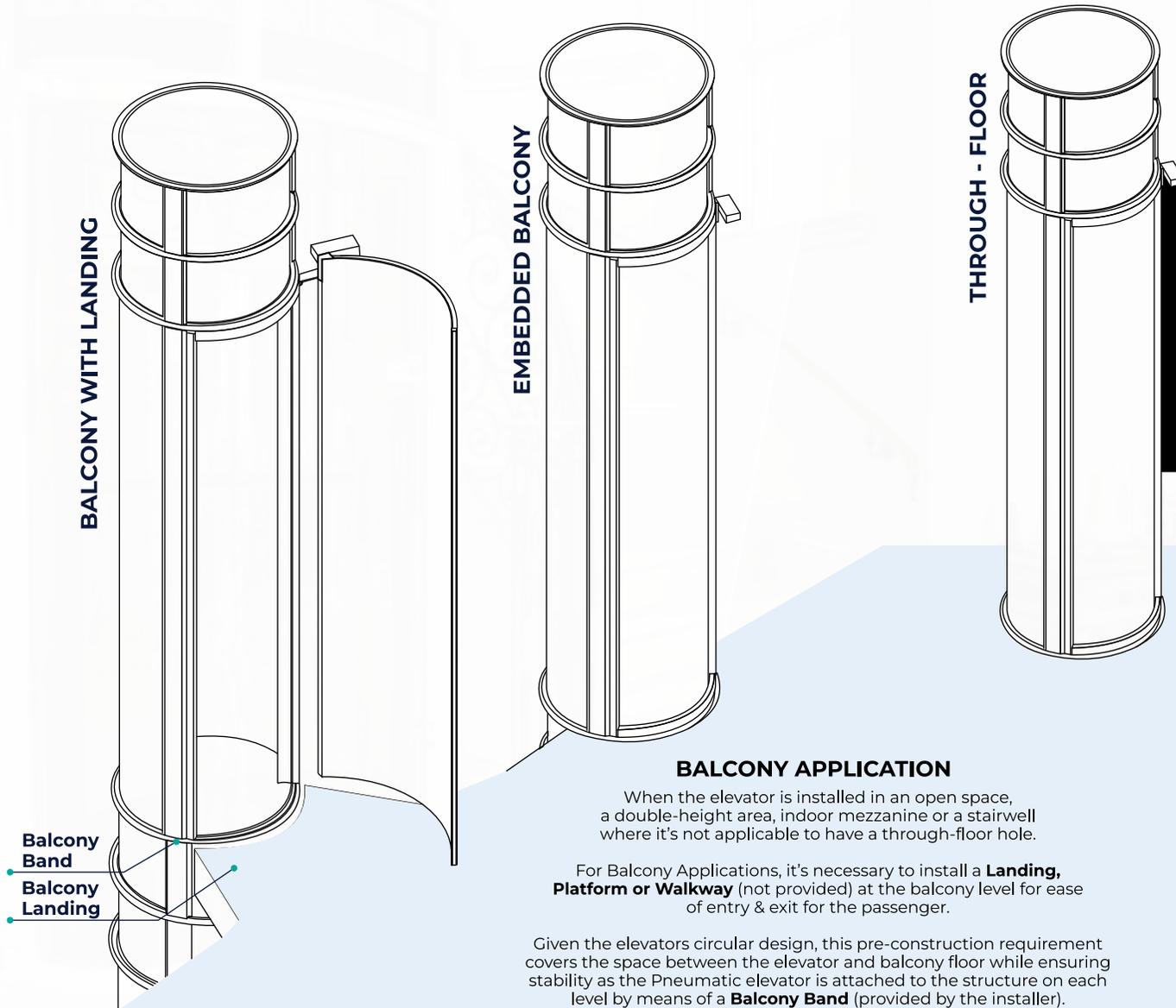
Designed to accommodate installations with lower overhead clearance, Split-Unit Mounted applications allow for the PE Machinery to be remotely located from the top of the unit.

With both indoor and outdoor split-unit options, remotely locating the machinery reduces the minimum height required on the top floor with the PE machinery installed up to 30 linear feet away from the top of the upper-floor cylinder.

Connected to the top of the elevator by two 4" inch PVC pipes or flex hose alternative, Split-Unit Mounted Applications requires a 220 volt power supply to be located wherever the PE Controller is installed.

PE LIFTS INSTALL

PE Machinery Remotely Located Up To 30 Linear Feet Away From The Top Of The Unit.



BALCONY APPLICATION

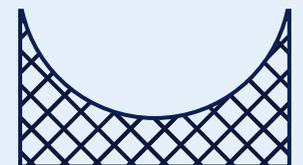
When the elevator is installed in an open space, a double-height area, indoor mezzanine or a stairwell where it's not applicable to have a through-floor hole.

For Balcony Applications, it's necessary to install a **Landing, Platform or Walkway** (not provided) at the balcony level for ease of entry & exit for the passenger.

Given the elevators circular design, this pre-construction requirement covers the space between the elevator and balcony floor while ensuring stability as the Pneumatic elevator is attached to the structure on each level by means of a **Balcony Band** (provided by the installer).

TYPES OF LANDINGS

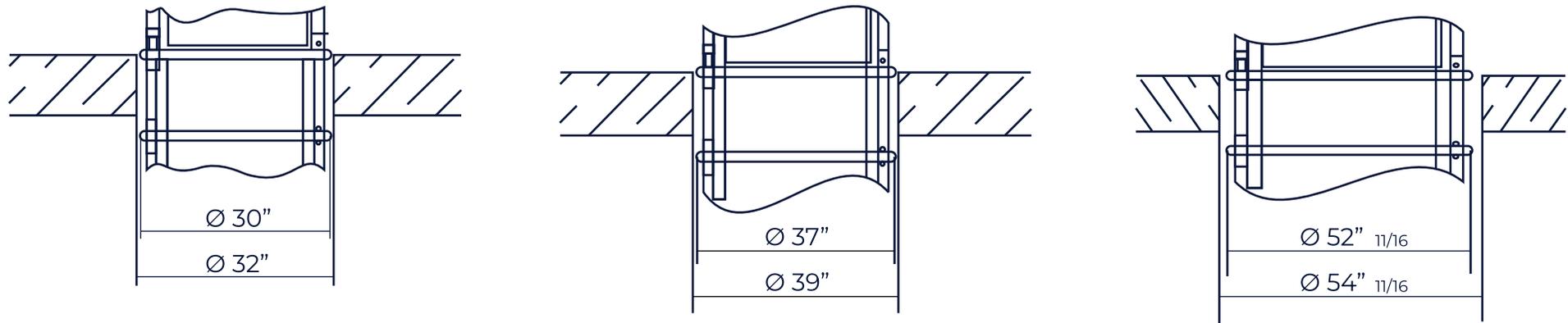
Different configurations for a Walkway of Platform.



PE LIFTS APPLICATION

THROUGH-FLOOR APPLICATION

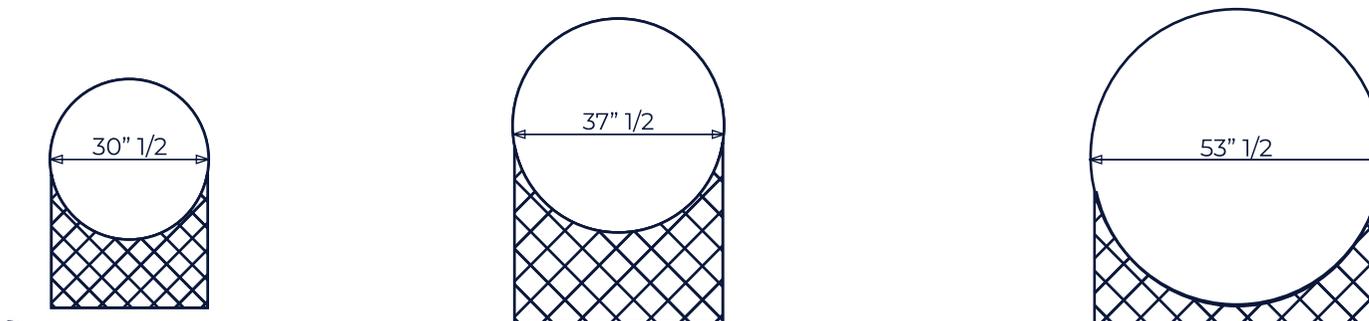
A finished through-floor hole is made at each level with a finished diameter 2" inches greater than the exterior diameter of the Pneumatic Elevator model. In applications with three, four or five stops, the holes must be perfectly aligned.

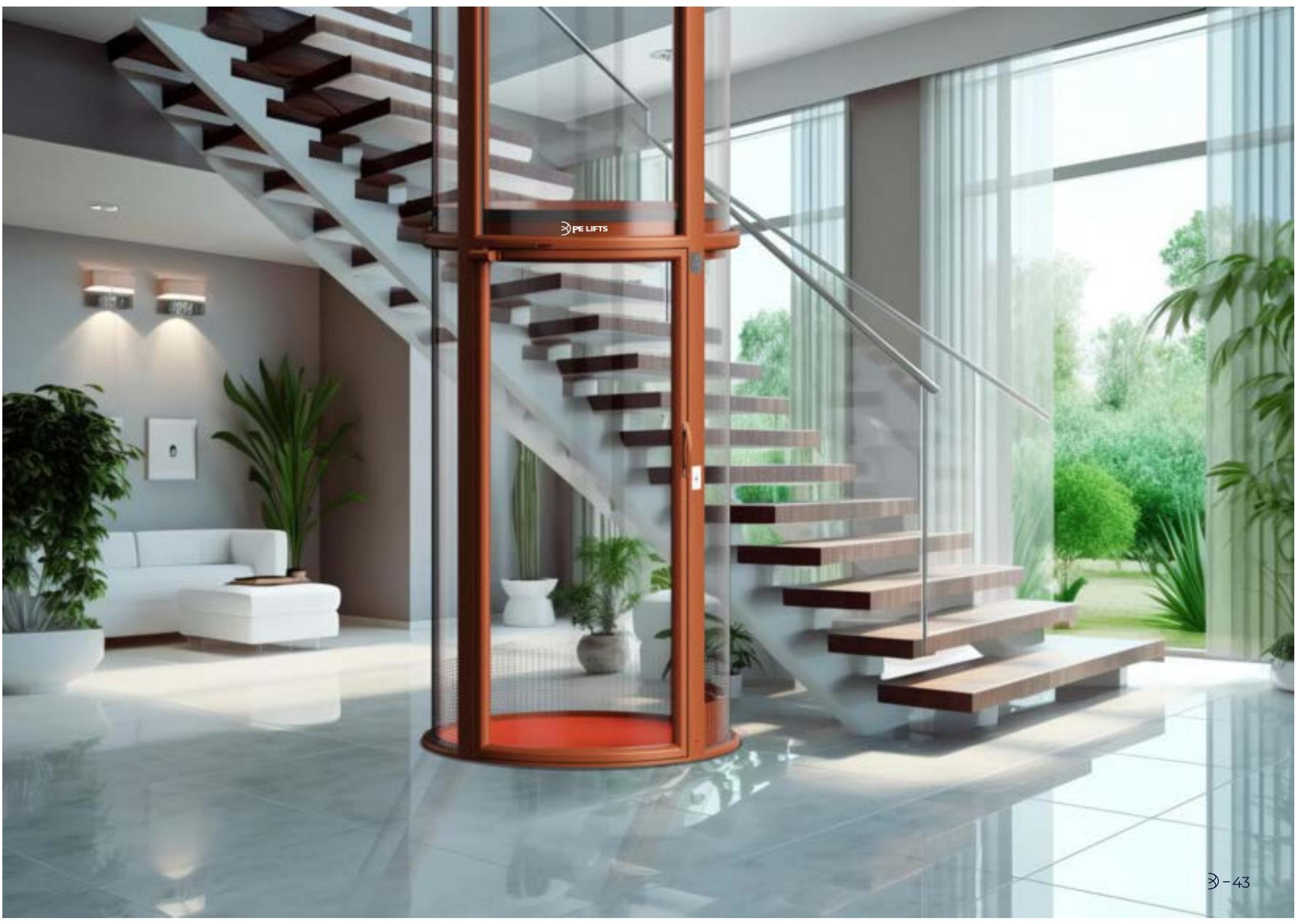


Minimum diameters for finished holes in through-floor installations.

BALCONY LANDING

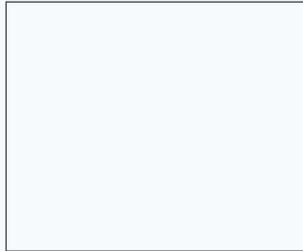
For a Landing, Platform or Walkway constructed for Balcony Applications, it is recommended that the finished landing at its widest point be 1/2 inch greater than the diameter of the Pneumatic Elevator purchased. Meeting this recommendation will ensure that the Pneumatic Elevator chosen will fit properly, with a clean aesthetic.





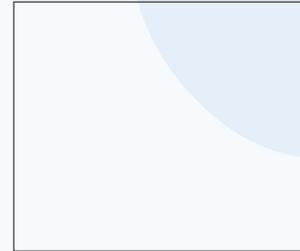
PE LIFTS

CLIENT'S REVIEW



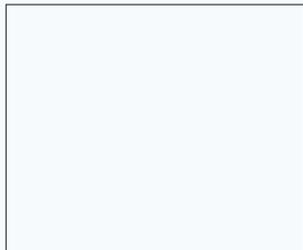
"I used to struggle with getting to the upper floors of my house due to arthritis in my hips. PE Lifts has been a game-changer for me. Now, I can move between floors effortlessly without any pain or discomfort."

David, GHANA



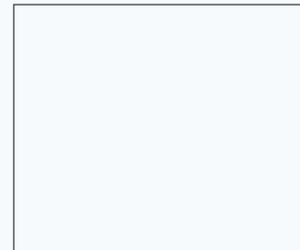
"My husband and I both have difficulty with stairs due to our age. Installing a PE Lift has made a huge difference in our daily lives. We no longer have to worry about the strain on our joints or the risk of falls."

Eugene Kuami, GHANA



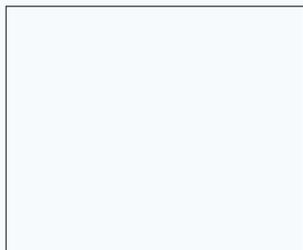
"After my back surgery, I was advised against climbing stairs. PE Lifts provided the perfect solution, allowing me to access all parts of my home safely and comfortably. It's been a true lifesaver."

Franklin J, NIGERIA



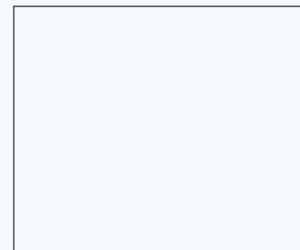
"As a caregiver for my elderly parents, I was concerned about their safety on the stairs. PE Lifts provided an excellent solution, giving us peace of mind and ensuring they can access all areas of the house without any risk."

Jonas, NIGERIA



"Living in a multi-story home was becoming a challenge as my mobility decreased. Thanks to PE Lifts, I can now move around my house with ease. The installation was seamless and the elevator works perfectly."

Johnson, GHANA



"Being in a wheelchair made it nearly impossible for me to navigate my home independently. PE Lifts has changed that completely. I now have full access to every floor and can move around freely. It's truly improved my quality of life."

Jeremiah O., GHANA

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