



AIRO HOME LIFTS

Luxury Home Elevators

About Airo Home Vacuum Elevators

Airo Home Lifts is a proudly Indian brand specializing in premium air-driven pneumatic vacuum elevators for modern homes. Designed for up to two passengers, our compact elevators require minimal space, consume low power, and can be installed with minimal structural modifications, making them ideal for both new and existing residences.

With over 20 years of combined industry expertise, Airo delivers innovative home mobility solutions that combine advanced engineering, elegant design, and uncompromising safety. Our vacuum elevators are engineered for smooth, quiet operation, low maintenance, and exceptional reliability, ensuring lasting comfort and convenience for every family.

Experience the perfect blend of **Luxury • Safety • Innovation • Reliability** with Airo Home Lifts—India's trusted choice for premium residential vacuum elevators.



Visit our Experience Centre to ascertain
Safety & Reliability
of Airo Vacuum Lifts - Bangalore

[Book Ur Appointment Now!](#)

20+

YEARS OF EXCELLENCE

270+

HOMES ELEVATED

CE & ISO

CERTIFIED

SAFETY

5 LAYERED SAFETY FOR ELDERLY & KIDS

Our Mission

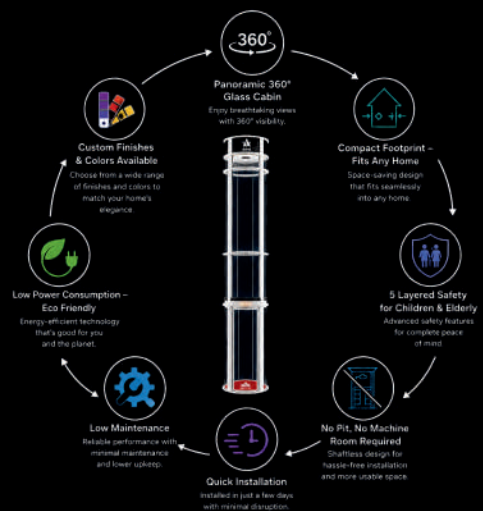
To redefine vertical transportation, elevating small spaces with innovative, sustainable, and aesthetically pleasing home elevator solutions and provide prompt services to ensure customer satisfaction.

Our Vision

Becoming a global leader in innovative, safe, and sustainable home elevator solutions that enhance the lives of our customers and contribute to a greener future.

Why Choose Airo?

- Panoramic 360° Glass Cabin
- Compact Footprint – Fits Any Home
- 5 Layered Safety for Children & Elderly
- No Pit, No Machine Room Required
- Quick Installation
- Low Maintenance
- Low Power Consumption
- Custom Finishes & Colours Available



Vacuum Elevators Principle & Concept

Airo Vacuum Home Lift operates using advanced air-pressure technology, eliminating the need for cables, counterweights, hydraulic oil, machine rooms, or deep pits. A powerful yet energy-efficient turbine located above the lift cylinder creates a controlled vacuum that gently reduces air pressure above the cabin, allowing atmospheric pressure beneath the cabin to lift it smoothly upward.

For descent, the system precisely regulates the reintroduction of air into the upper chamber, enabling a safe, comfortable, and controlled downward movement.

This innovative engineering delivers whisper-quiet operation, exceptional energy efficiency, minimal maintenance requirements, and a panoramic 360° viewing experience, making Airo Vacuum Home Lifts an ideal blend of luxury, safety, and cutting-edge technology for modern homes.



Engineered For Elegant Vertical Mobility with Advanced Pneumatic Technology

Certifications

Airo Home Lifts are certified to meet stringent international safety and quality standards, ensuring reliability and peace of mind for homeowners. The following certifications highlight Airo's commitment to excellence:

ISO 9001:2015 – Quality Management System. This accreditation confirms that Airo's manufacturing and quality assurance processes adhere to globally recognised standards for organisational efficiency and customer satisfaction.

CE Certification – European Safety Compliance

The Conformité Européenne (CE) mark indicates that Airo lifts comply with European Union safety, health, and environmental protection requirements, facilitating their acceptance across European markets.



Elevating Homes with Air-Powered Innovation

Premium Features of Airo Vacuum Home Elevators

Panoramic Cabin 360° Views

Elevating Views, Enhancing Living

Enjoy a truly immersive experience with AIRO's fully transparent panoramic cabin. Engineered with premium-grade Polycarbonate glass and minimalist framing, it delivers uninterrupted views and a remarkable sense of openness.

Self-Supporting - Hybrid Shaft

Seamlessly Integrating with Every Home

Crafted from a premium blend of aluminium, galvanized steel, and sleek polycarbonate glass, ensuring strength, safety, durability and integrating seamlessly into any home.

No Pit, No Machine Room, No Structure Required

Effortless Installation, Exceptional Convenience

AIRO Vacuum Elevators are designed to fit seamlessly into your home without the need for a pit, machine room, or supporting shaft structure. Installed directly on the existing floor surface, they eliminate extensive construction work, reduce installation time, and minimize disruption to your living space.

Non-Claustrophobic

Open Views. Unrestricted Comfort.

Experience an extraordinary sense of openness. With 360-degree visibility and an abundance of natural light, the cabin feels remarkably spacious, delivering a relaxed and comfortable ride while showcasing the beauty of your home's interior from every level.



Quiet & Smooth Operation

Comfort in Every Journey

Engineered for exceptionally smooth operation, the elevator glides between floors with minimal vibration and near-silent performance.

Premium Luxury Design

Crafted to Impress. Designed to Inspire.

AIRO Vacuum Elevators are more than a mobility solution—they are a statement of refined living. Combining elegant finishes, sophisticated ambient LED illumination, and panoramic transparency, every detail is thoughtfully designed to enhance the beauty of your home.

Ceiling Design & Concealed Fan

Ambient Lighting, Whisper-Quiet Breeze

The AIRO designer ceiling serves as a striking focal point, featuring sophisticated detailing and ambient lighting that enhance the cabin's contemporary elegance. Hidden discreetly within the ceiling structure, an ultra-quiet ventilation maintaining the aesthetic appeal while providing essential air circulation fit to your needs.

Cabin Music

Elevating your mood

A thoughtfully curated cabin music transforms a simple transit ride feel purposeful and an engaging experience.



User Friendly Control

Advanced Control, Always Secure

Airo Lifts are equipped with parental controls which allow parents to restrict access to the lift via Child Lock or Cabin Lock, ensuring the safety of children or Unauthorized Access. In case of emergencies, you can easily initiate emergency Alarm, telephone feature for immediate assistance.

Relocation & Upgradation

Relocate with Ease, Upgrade Effortlessly

Relocation: Within your Home or at a distant location considering floor height increase or decrease.

Future Upgradation: You can add an additional stop in case you decide to build an extra floor in your house.

Quick Installation

Our elevators pass through a quality check and are delivered in a semi assembled state, this is to reduce our installation time (within 24-48 hrs) and to maintain quality of installation.

Low Maintenance

With no cables, pulleys, hydraulic oil, or counterweights, maintenance requirements are significantly reduced.

Power Saving

Airo Home Elevators operate on a single-phase power, with a consumption of 3.7 kVA during ascent which is low and during descent operates with an air-valve to regulate the speed. Auto Sleep Mode when lift is not in use.



Eco-Friendly

Airo provides the cleanest technology in the market. Unlike other drive systems, which use harmful oils and lubricants, Airo Vacuum Elevator is a 'Green Technology' elevator, as it is Air Driven.

Foldable Leather Seat with Handle

Unfold Comfort, Embrace Peaceful Journey

Meticulously crafted and finished in genuine leather, this stylish seating solution brings effortless comfort and space-saving convenience to your home lift.

Our cabin handles offer steadfast stability to reduce the risk of slips and falls.

Multi-Layer Safety Architecture

Advanced Protection at Every Level.

Combining intelligent engineering with proven safety technologies, AIRO delivers comprehensive protection designed to safeguard passengers under all operating conditions.



Multi-Layer Safety Architecture

Advanced Protection at Every Level

Smart Overload Alert

Safety in Every Lift

The Smart Overload Alert feature in Airo Lifts ensures your safety by restricting operation when the lift exceeds its maximum weight capacity of 220Kgs.

Alarm

Safeguarding Every Ascent, Every Moment

Experience enhanced safety and peace of mind with Airo Lifts' alarm system. Instantly alerted to emergencies or unexpected situations, this integrated feature ensures your security, elevating safety standards throughout every journey.

Child Safety Switch

Secure Journeys, Peaceful Minds

Ensure safety for young passengers with Airo Lifts' child switch. Engineered for parental reassurance, this intuitive mechanism safeguards children by restricting unauthorized access or operation of the lift, fostering a secure environment for you.



Five Layers of Intelligent Safety

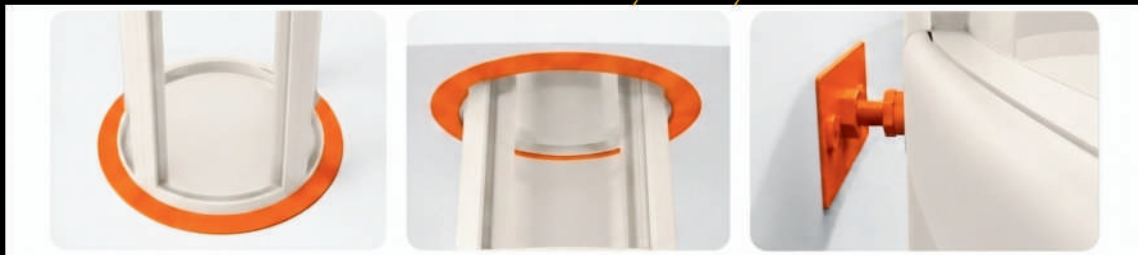
Engineered for Safety. Designed for Peace of Mind

- Auto Descend during Power Failure
- Self-Rescue Inside the cabin through ER button
- External Rescue through ER Button
- External Manual Emergency Key Rescue
- Safety Braking Mechanism Activation during Vacuum Loss



Cover Plates & Restraint Brackets

Reliable Structural Safety at Every Floor



Airo Lifts are equipped with sleek Floor Cover Plates, designed to ensure a seamless transition between the lift and your home's floors and provide a polished, safe entry and exit point.

Ceiling Cover Plates that elegantly conceal overhead components, enhancing the interior's aesthetics as an option. Restraint Brackets provide unparalleled structural reinforcement while preserving the sleek and cohesive look of your elevator design.

Complete Guide to Plan Your Home Elevators with Airo

How much Space is required?

Airo Vacuum Home Elevators are designed for a capacity upto 220kgs with an intent of carrying 2-3 persons at a time. The external diameter of the lift structure is 940mm or 37" inches. A structural requirement of 40 inches diameter for ease of installation is required.

How many levels does the lift travel?

Airo Home Lifts can serve up to four (4) floors or G+3. Depending on the access required by the users for different floors.

How many models does Airo offer?

Airo has two (2) model, namely Airo Titanium & Airo Split

Ideal Placement of Vacuum Lift?

- ✓ Open Courtyard with a platform for safe entry/exit
- ✓ Core Cutting within the slab with 40 inches diameter
- ✓ Semi outdoor (Balcony / Terrace) while providing
- ✓ protection from weather conditions.



Airo Titanium with In-built motors, comprising of motors within the structure. This is when the floor-to-floor height is 2800mm or more.



Airo Split, consisting of a split unit placed outside the home. They are connected with two 4" UPVC pipes. This is when the floor-to-floor height is 2500mm

Technical Specifications

AIRO TITANIUM (In-built Motors)

General Specification

Capacity	: 220 Kgs
Speed	: 0.15 m/s
Max Stops	: G+3
Max Travel	: 13500 mm / 44 feet
Clearspace Required	: 1020 mm / 3 feet 3 inches
Headroom Height	: 2800 mm / 9 feet 2 inches

Internal Specification - CABIN

Cabin Diameter	: 835 mm / 2' 7"
Cabin Height	: 1920 mm / 6' 3"
Cabin Control	: In-Built COP (24V DC)
Cabin Emergency Features	: Overload Child Lock, Self-Rescue Alarm Bell, Foldable Chair & Handle, Auto Power Cut OFF

External Specification - STRUCTURE

External Cylinder Diameter	: 940 mm / 3 feet 1 inch
Structure	: Extruded Aluminium
Transparent structure	: Clear Transparent Polycarbonate (200 Times stronger than glass)
Door Access	: 135° (LHS / RHS – Hinges) Manual, Angular Swing Door

Electrical Requirements

Power	: 1 Phase, 230V, 50Hz with 32 A MCB (4 Sq. mm electrical wire)
Earthing	: 1 Sq. mm electrical wire
Stabilizer	: 7.5 kVA



AIRO SPLIT (Outdoor Motor Unit)

General Specification

Capacity	: 220 Kgs
Speed	: 0.15 m/s
Max Stops	: G+3
Max Travel	: 13500 mm / 44 feet
Clear Space Required	: 1020 mm / 3 feet 3 inches
Headroom Height:	: 2500mm / 8 feet 2 inches

Internal Specification - CABIN

Cabin Diameter	: 835 mm / 2 ' 7'''
Cabin Height	: 1920 mm / 6' 3"
Cabin Control	: In-Built COP (24V DC)
Cabin Emergency Features	: Overload, Child Lock, Self-Rescue Alarm Bell, Foldable Chair & Handle*, Auto Power Cut OFF

External Specification - STRUCTURE

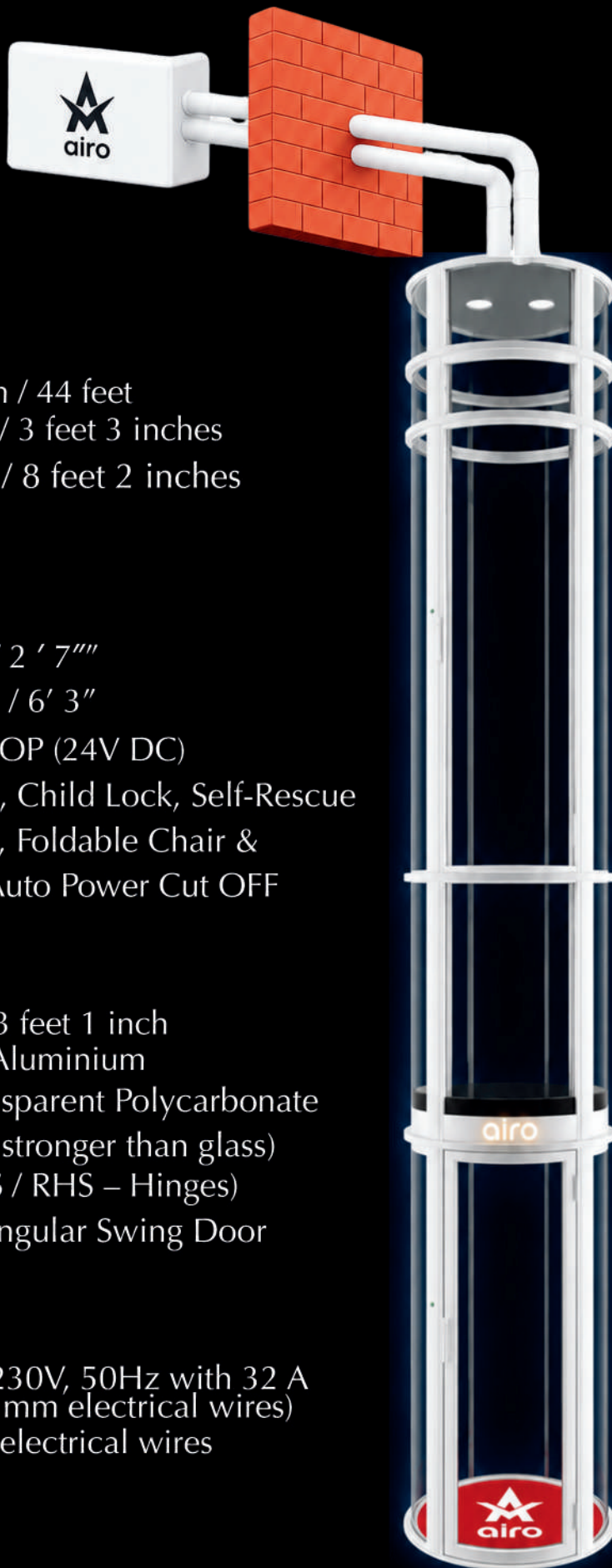
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Transparent structure:	: Clear Transparent Polycarbonate (200 Times stronger than glass)
Door Access	: 135° (LHS / RHS – Hinges) Manual, Angular Swing Door

Electrical Requirements

Power	: 1 Phase, 230V, 50Hz with 32 A MCB 4 Sq. mm electrical wires)
Earthing	: 1 Sq. mm electrical wires
Stabilizer	: 7.5 kVA

Split Unit

Split Unit Dimensions	: 850mm (W) x 530mm (D) x 530mm (H)
UPVC Pipes	: Two (2) no's connecting the top portion of Lift the structure to the Motor Split Unit.



Airo Vacuum Lift – Aesthetics

Premium Finishes for Lift Structure

Luxury Finishes That Blend Seamlessly with Your Interiors



Polycarbonate Glass

Elevating Safety to New Heights

Airo Lifts are manufactured with safety as a top priority while maintaining elegance. Our lifts are constructed using robust polycarbonate glass, ensuring exceptional strength and security. Rest assured, our lifts offer unmatched safety for you, Signature Flooring Collection Refined Elegance from the Ground Up.

Signature Flooring

Refined Elegance from the Ground Up.



AIRO-RED



AIRO-GREY

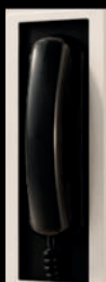


AIRO-BEIGE

Enhance your AIRO elevator with luxurious designer carpeting that combines style, comfort, and functionality. Soft underfoot and engineered for durability, the premium flooring elevates the cabin's interior while contributing to a quieter, more comfortable travel experience. Available in curated shades to complement any décor, it is the perfect finishing touch to your personalized elevator.

Cabin Telephone

Stay Connected, Stay Secure



Cabin Key Lock

Your key to safety



90° Door Configuration

Absolute Ease. Zero Hassle



90° Doors openings allow upper floor doors to be directed 90° to the Left or Right from the Ground Floor

LHS – Hinges

Customized for Your Preferred Door Swing



LHS Hinges, can be customised due to any obstruction in opening or to get a wider access to the lift cabin.

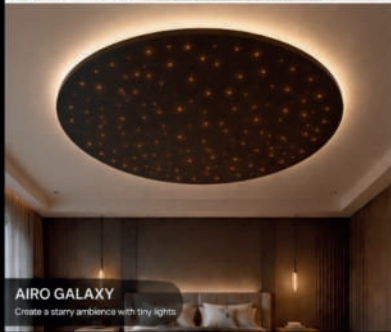
Airo Ceiling Designs with Concealed Fan

Ambient LED Lighting That Elevates Every Journey.



AIRO SPOT

Minimal & focused with a single center light.



AIRO GALAXY

Create a starry ambience with tiny lights.

Airo Luxury Ceiling

LED lights have many advantages, including energy efficiency, long lifespan, and environment friendly.

Standard being a Spot Light with variations in ceiling designs – Opal, Galaxy & Sunburst.

Concealed Fan

Whisper-Quiet Breeze, Seamless Journey

Concealed fan blends seamlessly into the cabin ceiling, primarily providing air circulation.



AIRO OPAL

Soft, even illumination for a clean look.



AIRO SUNBURST

Bold, dynamic design with a radiant effect.

Airo Push Buttons & Handles

Exuding Elegance, Redefining Luxury

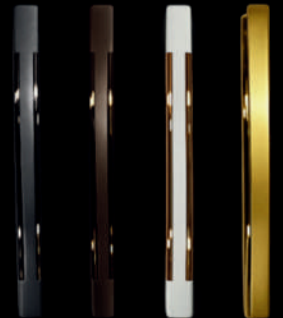


Push Buttons

They are designed for universal accessibility and enhanced user feedback, combining tactile braille markings with integrated illumination that activates upon gentle touch.

Door Handle

A modern, minimalist, and stylish door handle design complements contemporary color chosen for the structure.



Foldable Seat with Handle

Unfold Comfort, Embrace Peaceful Journey

Meticulously crafted and finished in genuine leather, this stylish seating solution brings effortless comfort and space-saving convenience to your home lift.

Our cabin handles offer steadfast stability to reduce the risk of slips and falls.



2

3.0m

1

3.0m

G

3.0m



AIRO HOME LIFTS

124E, 2nd Main Rd, NGEF Layout,
East of NGEF Layout, Kasturi Nagar,
Bengaluru, Karnataka 560043

+91 76762 06226 / +91 86606 06226

sales@airohomelifts.com



Airo Home Lifts



Airohomeliftsofficial



Airo Home Vacuum Elevator Bangalore



@AiroHomeVacuumLifts



@AiroHomeLift



Airo Home Lifts

<https://airohomelifts.com>