

Glass Vacuum Elevator Product Brochure

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2025

San Jose, California, USA
Toll Free: (844) 960.4141
Fax: (408) 982.3383
E-mail: info@blissera.com
www: www.blissera.com

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Overview

About Blissera

Blissera develops and manufactures AirLift™ using vacuum forces and gravity to lift the elevator cabin in an airtight elevator shaft. Combined with sleek design, unparalleled comfort and quality workmanship, AirLift™ is the safest, the fastest, the most compact, truly panoramic, whispering quiet, eco-friendly and energy-efficient elevator system in the world by far (patents issued).

Futuristic technology



From the very beginning we decided to abandon traditional solutions that come with bulky elements – concrete shaft, guiding rails, lifting cables, pulleys, counterweights, pneumo-pins, gears, heavy metal structures and noisy mechanisms, i.e., we got rid of everything that does not relate to the meaning of “luxury” and “comfort”. Then, we decided to abandon parts that require lubrication, to get rid of harmful oils and fumes that should not be present in people’s living. As a result, we have developed an “airy” solution that is free of the abovementioned glut.

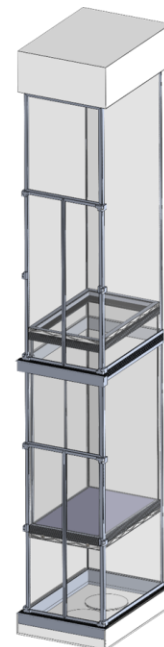
The main building blocks of AirLift™ – are constructive tempered glass and aviation aluminum. Our elevator cabins are smoothly gliding up and down a glass-made elevator shaft, supported by vacuum forces and powered by gravity.

eliminating the clutter
from traditional design:

- ✗ no rails
- ✗ no guides
- ✗ no cables
- ✗ no ropes
- ✗ no pulleys
- ✗ no chains
- ✗ no push-pins
- ✗ no gearboxes
- ✗ no lubrication
- ✗ no metal skeleton
- ✗ no counterweight
- ✗ no concrete shaft
- ✗ no dangling cables

replacing with:

tempered glass &
vacuum technology

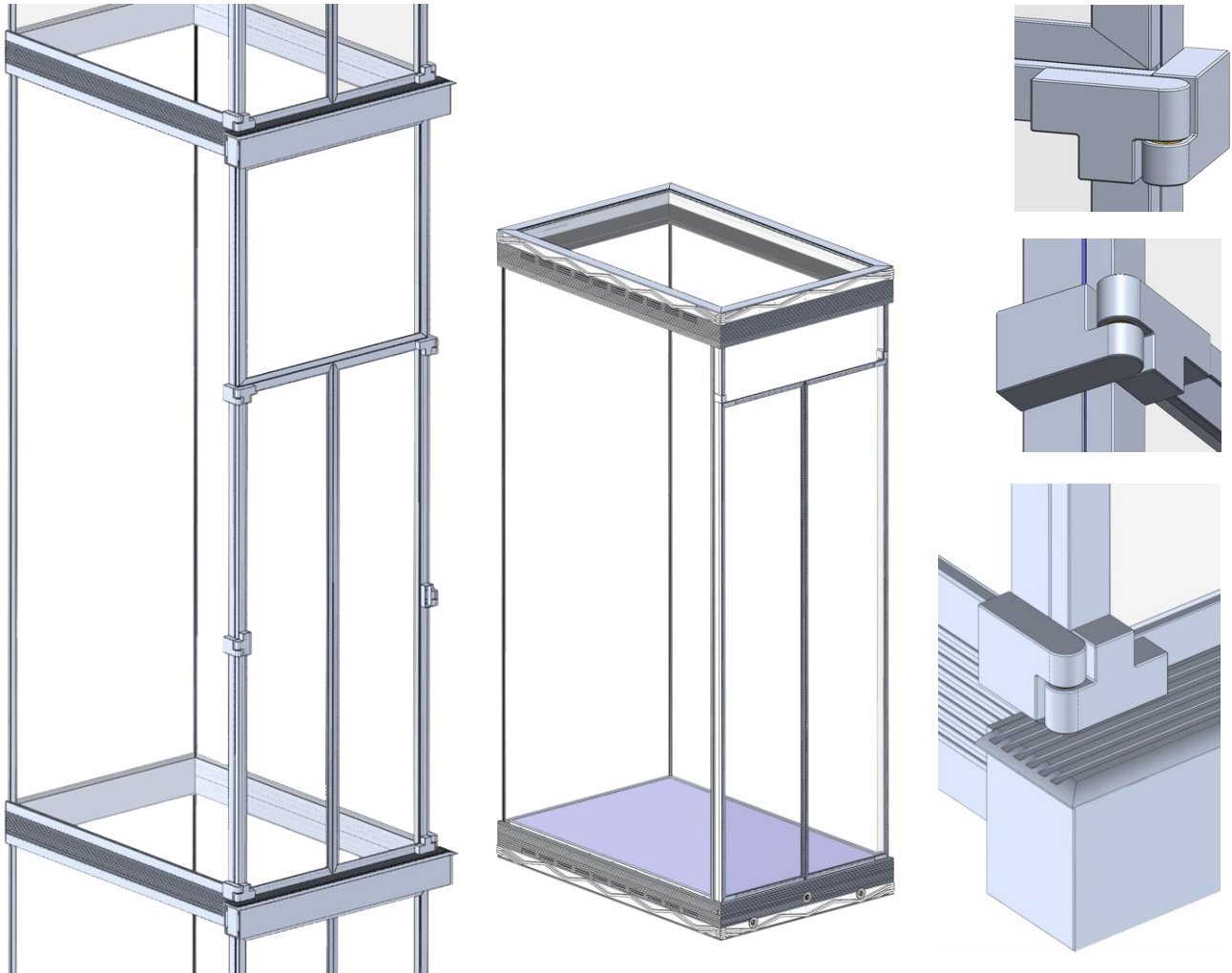


The elevator hoistway – is an airtight chamber with elevator cabin acting similar to a piston in a syringe. A vacuum compressor, situated atop the hoistway or remotely, “sucks” the air from the hoistway, creating lower air pressure above the cabin, while the air pressure inside and below the cabin remains atmospheric.

This air pressure difference over a critical threshold pushes the cabin up, while under this threshold – allows the cabin to descend. There is no practical limit on how much weight can be lifted this way. Behind this simplicity stands precise mechanics that keep the doors tightly sealed and the hoistway internal surface smooth and even for effective low-friction ride, also advanced electronics, that calculate optimal amount of air pressure difference to move the cabin up and down or stop the cabin midair at the required level.

Sleek boltless design

When it comes to installing furniture or an appliance in your home, design should be one of the most important factors to consider. We have designed an elegant and ergonomically pleasing solution that can fit into almost any interior, creating luxury and comfort for your living.

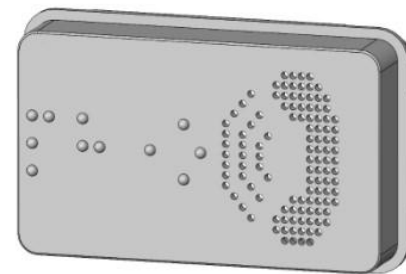
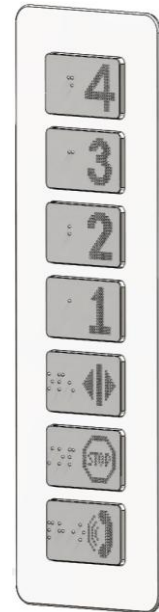
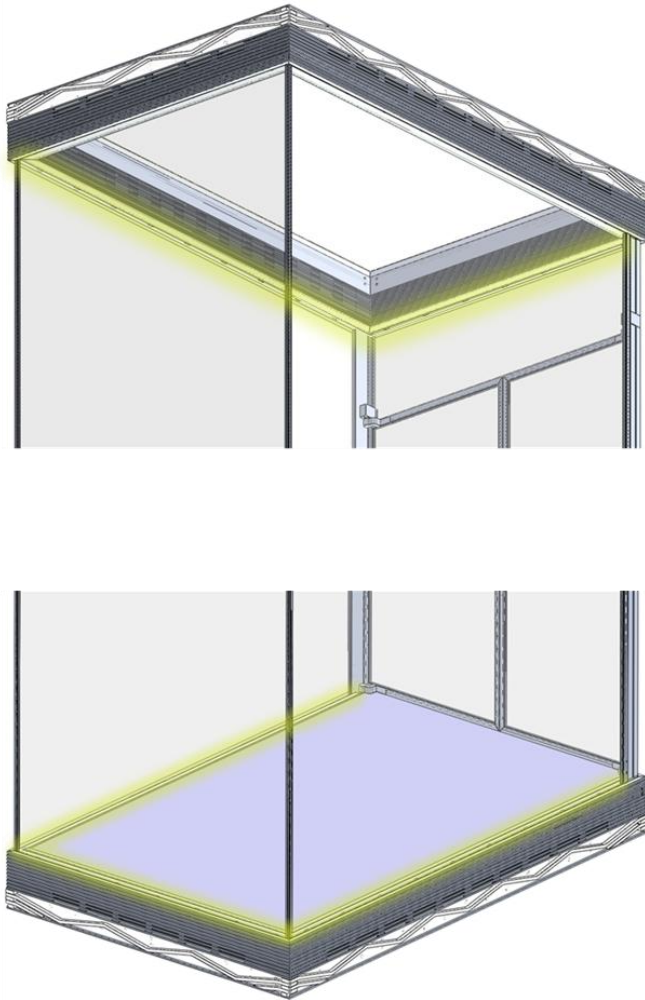


The hoistway and the cabin of AirLift™ are made of clear tempered glass and can fit nicely into practically any interior, bringing more light and openness into your environment. Design elements like glass walls of the elevator shaft and the cabin, touchless buttons behind the glass, ventilated and illuminated cabin with hidden light fixtures, and many other features – all meant to achieve high standards in luxury and comfort.

All features are designed in modern style, exhibiting smooth and sleek lines and patterns. Structural parts are fastened together using hundreds of bolts and nuts, yet there are no bolts, screws, nuts or other fasteners visible in the system, whether observing from inside or outside of the elevator and despite the completely transparent properties of this machinery. This is achieved thanks to our signature “boltless” design style, as part of our ergonomics and sleek look and feel.

Hidden Lights

Hidden lights with ambient lighting in the cabin by illuminating the lower perimeter of the cabin floor and the upper perimeter of the cabin top – provide sufficient light for the comfort of passengers, yet the sources of light are hidden from the observer.



Ventilation too is hidden from the observer. Fresh air, filtered through HEPA filters and after UV light treatment blows through the grills of the cabin top, yet the grill openings are smooth and even, they don't expose the ventilation openings. Ventilation and air filtration equipment is placed under the cabin floor, while the fresh air is blowing from the cabin top, thanks to our "impossible ventilation" technique used to push the filtered air to the top of the cabin.

Quality and comfort

The structural elements of AirLift™ elevator models are made of bulletproof tempered glass and space-grade hardened aluminum. Tempered glass is a non-scratchable material, that is practically impossible to break or penetrate. Hardened and anodized aluminum enclosures are also very hard to damage without brute force and heavy metal tools.

Each AirLift™ elevator is equipped with automated monitoring system, that constantly monitors and automatically communicates the results of self-diagnostics to the customer care center, so we would know if a part needed a replacement or a maintenance is required before it approaches its end of life, and our technical team would be on its way to fix things before you know it.

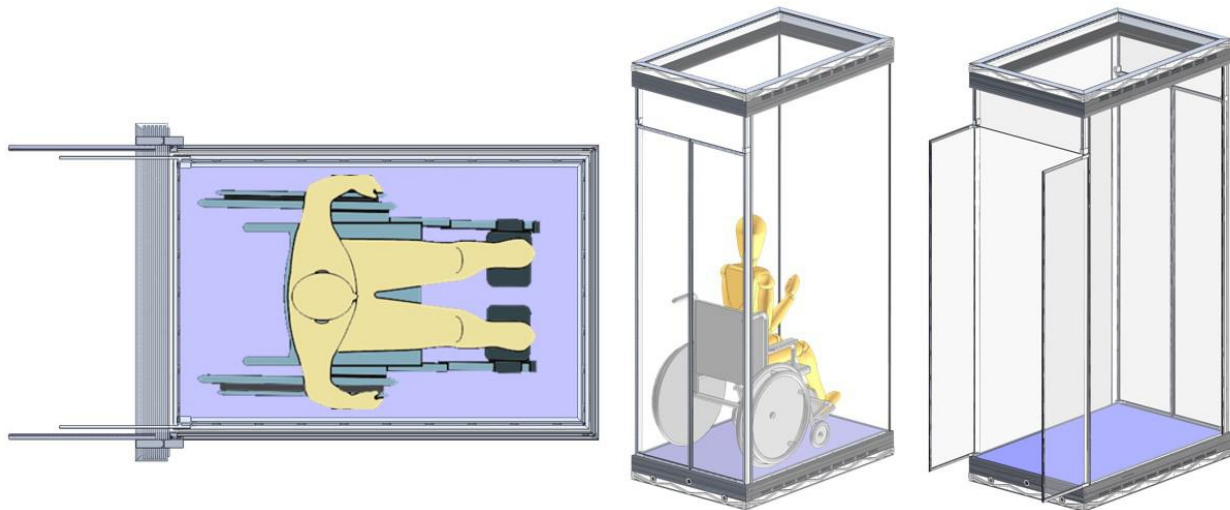
Whispering quiet

No gears, no sliding rails, no chuckling noise of chains and moving metal parts – just the whisper of the air during the elevator motion. Hard to imagine any quieter.



Wheelchair friendly, ADA-compliant

Most AirLift products can take a full-size wheelchair and are fully ADA-compliant, with automated doors and voice activation control. 2 pairs of double doors – 2 for hoistway and 2 for cabin, reduce the door clearance space, ensuring safe use of wheelchair when entering and exiting the cabin. Cabin control buttons are placed at the level convenient for wheelchair access. The opposite set of doors can accommodate complex space layouts.



Unprecedented safety

Your safety – is our topmost priority. We have eliminated the risks of breaking lifting ropes and cables by eliminating ropes and cables entirely. The elevator car is “hanging” in the airtight chamber of the hoistway and is suspended by atmospheric pressure and precise machinery.

During power outage the cabin will stay parked to a floor if it was parked before the outage, or will slowly descent to the ground floor, if it was in a motion at the time of outage. Equipped with back-up

rechargeable batteries, the doors will automatically operate even in case of a power outage. Never again being stuck in an elevator.

The hoistway is made of thick tempered glass built with multifold margins of safety. With stainless steel foundation and aviation aluminum enclosures our elevators are very robust and sturdy. Silicon resin-style seals between glass panels and aluminum frames allow the whole construction to be flexible and resistant to shock waves from earthquakes. AirLift™ rests on earthquake-resistant pins, make the entire construction to withstand even strong earthquakes, rendering AirLift™ practically unbreakable.

In an extreme case of vacuum failure (compressor impeller failure, hypothetical destruction of the shaft or sudden loss of vacuum in the upper portion of the shaft), AirLift™ is equipped with safety features and emergency brakes that will deploy automatically and halt the cabin midair.

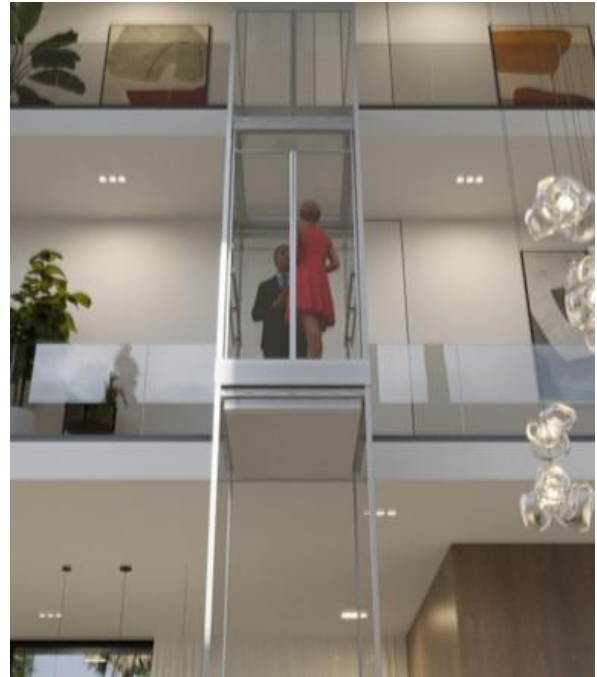
Parking mechanism, emergency brakes with double redundancy, mechanical failover redundancy and suspension control – ensure unparalleled safety of AirLift™ elevators:

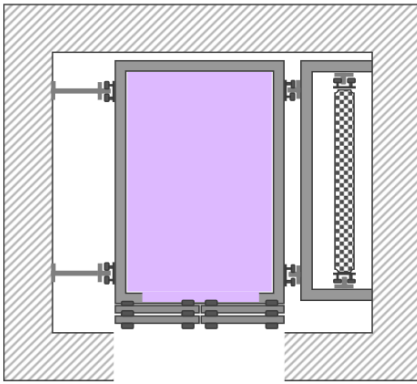
- Fall-proof – implemented with multiple failover redundancy schema
 - vacuum seal redundancy – main and secondary vacuum seals of the Cabin
 - emergency brakes redundancy – main and secondary reusable emergency brakes
 - electro-mechanical suspension, smoothly slowing down the Cabin to a full stop
- Shatterproof – reinforced glass, withstands sledgehammer blow, bulletproof
- Shockproof – rests on earthquake-resistant pins, withstanding shakes and shocks
- Fireproof – fireproof materials, thermo-insulated cabin, immediate fire-escape
- Child-safe – injury-proof, child-proof, no gaps, no holes, no trenches for children to tamper with
- Accident-proof – door lock mechanism, prevents accidentally exposing open shaft
- Trap-proof – power outage friendly, completes ride and opens doors
- ADA compliant – accommodates full-size wheelchair, voice control enabled
- Anti-septic – incorporates HEPA filters for air purification and UV lights for air decontamination
- Eco-friendly – no hazardous chemicals, all recyclable
- 24/7 monitoring – automated self-diagnostics and 24/7 connected tech support

Space efficient

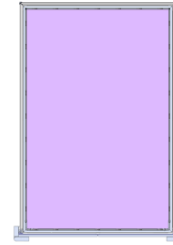
The footprint of the elevator is very small – it extends beyond the elevator cabin for about an inch, and the whole construction occupies about 3-5 times (!) smaller footprint vs other solutions that extend beyond the cabin over 1m extra on the sides and back. For example, a 1x1.3m footprint of the AirLift™ elevator hoistway is sufficient to conveniently transporting 4 people or a full-size wheelchair, while other solutions with the same usable cabin space and the elevator shaft will consume 4-5 sq.m. footprint.

Wide openings of the double doors allow easily transporting people on wheelchairs, making AirLift™ elevator a necessary appliance in vertical living for disabled and those with a mobility challenge. Our “machine room” is a compact compartment located on top of the shaft. Optionally it may be installed remotely, e.g., in the attic, thus easily retrofitting into any interior.





VS



traditional solution:
extends **3-5x** beyond the cabin

AirLift:
at the same cabin space

Low power

Due to absence of mechanical moving parts, the energy consumption of the AirLift™ elevator is less compared to conventional models. The reason is that conventional models waste significant amounts of energy to overcome friction in gears, pulleys and sliding rails, nulling out the benefits of counterweights. AirLift™ elevator car itself is lightweight, the surface of vacuum seal has negligible friction, adding up to the overall efficiency. For example, intensive usage of 30 elevations daily in a 2-floor space uses less energy than a home refrigerator.

Important to note, that AirLift™ generates electricity by using the compressor motor as a generator and using cabin's drag during descent.



turns the motor into
a **power generator**
on cabin's descent



20 rides/day =
less energy than
your home **fridge**



efficient HVAC - \$100s
in **savings** on your
monthly electric bill

AirLift can be used as the main means of accessing upper floors, rendering the in-unit staircase secondary, while such stairs can be “pushed” into a closet. This setting can create an airtight separation between floors, which has several benefits:

- Airtight floors can limit the smoke from fires to one floor and increase survival rates from fires.
- Airtight floors can help optimize climate control management in multi-floor spaces, reducing the HVAC bill by \$100s and more. This is due to the natural phenomenon that hot air escapes to the top floor, causing HVAC unit to spend more energy balancing the temperature difference. With AirLift in-house, the floors of the house can be air-tight separated, and the upper floors can be managed based on their usage during the day, optimizing the work of HVAC unit and reducing HVAC bill. This scenario assumes that in-house stairs are either moved outside the house serving as fire escape, or there is a separate staircase attached to the house floorplan.

Smooth ride

We stand strongly behind the comfort of our elevator products. With years in development of gearless and quiet vacuum technology, precise mechanics, and smart electronics, we have achieved an unmatched smoothest elevator ride ever. A series of sensors and complex electronics calculate precise amount of vacuum force and, depending on the actual load, apply the right amount and intensity of pressure needed, to smoothly set the elevator car into motion.

As a matter of fact, we developed a special score for smoothness, which is measured in several champaign glasses stacked atop each other without falling during take-off, motion and arrival. Our models are rated at 5-star stacked-up champaign glass test.

Pathogen repellant

To keep people safe from exposure to potentially harmful viruses and bacteria, especially at the time of pandemic and COVID-19, our elevators are equipped with optional HEPA filters for air purification and hidden UV lights for air decontamination.

Additionally, the cabin can incorporate touchless control panel, located behind the cabin glass wall, equipped with sensor buttons and antiseptic cabin glass surface – for tighter pathogen control.

Eco-friendly

We are committed to your safety and the health impact of your living. The absence of gears and hydraulics in our elevators eliminates the need for lubrication and hydraulic fluids that contain cancer agents and are harmful to your health. That is why existing commercial solutions always employ a well-ventilated shaft, usually outside of your living area – to keep the harmful lubrication chemicals away from you. Bringing an elevator inside your home – changes the rules of the game. AirLift™ elevator doesn't use rails, guides, or lubricating oils, thus, exhibiting a clean environment inside your home, free of unwanted fumes and harmful chemicals.

Cost-effective

Most elevator products, when quoting the price of an elevator, often exclude few items that do not directly belong to the elevator, but practically, are part of the elevator solution. For example, elevator shaft is considered to be part of the construction and not the elevator itself and the cost of the elevator shaft is not included in elevator price quotations.

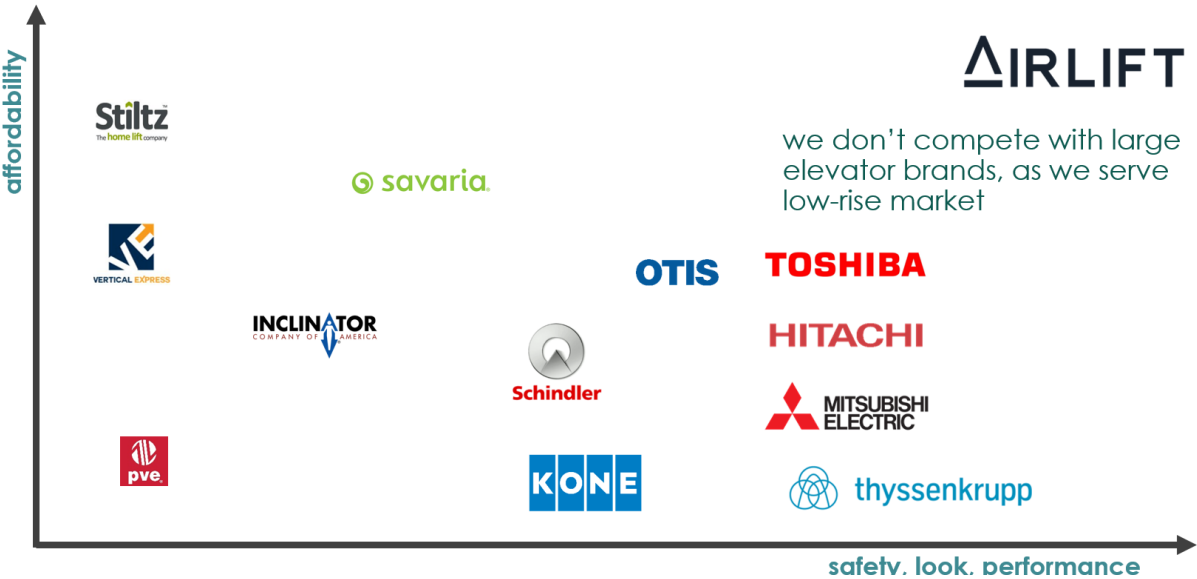
Unlike those tricky price quoting “conventions”, when quoting a price of its products, AirLift™ always includes the price of the elevator shaft as part of the elevator price quote and the electrical cabling and foundation works - as part of the elevator installation price quote. Even with all these seemingly expensive items, AirLift™ beats on the pricing competitive offerings on the market.

We are confident that we can handle all your personal vertical transportation needs in the most cost-effective and the most elegant way and are eager to prove to you that our products are the best choice in the private housing and low-rise buildings market. AirLift™ elevator can be installed in your home quickly and easily at any point during the construction, remodeling, or even later – retrofitting into the interior of your home. Considering high quality, reliability, ergonomic design and low cost, AirLift™ elevator is an effective solution and preferred choice for your vertical ride.

Competitive Advantages

AirLift™ is primarily intended for use in single-family houses, townhomes, small offices, business centers, shopping malls, hotels, airports and other low-rise structures. We beat the competition on safety, look, performance, price and maintenance cost. Many features are better not just marginally, but several fold on footprint, speed, noise and energy usage. Here is a general feature-by-feature competitive comparison:

Mainstream elevator manufacturers like OTIS, KONE, Thyssenkrupp, Schindler – they are focused on high-rise elevator market, as they don't have a product for the low-rise market in the reasonable price range and the acceptable maintenance cost. So, these mainstream vendors are not immediate competition for Blissera.



The other group represents low-rise or home-elevator manufacturers, which are on AirLift's competitive list. However, all the shortcomings that we have mentioned before – apply to these players and Blissera has significant advantage in terms of the aesthetics and performance. It is important to note that there is one player on the chart – PVE, that produces vacuum elevators, so it makes sense to conduct feature-based analysis for comparison purposes. Here too Blissera's offerings have significant technological superiority compared to competition.

Feature	AIRLIFT	Pneumatic	Cable Driven, Chain Driven, Gearless, Hydraulic – the rest
technology	vacuum based, wireless, IoT, automatic ✓	pneumatic, rails, cables, manual operation ✗	old tech. – rails, ropes, counterweights ✗
design	tempered glass exoskeleton, scratch-resistant ✓	metal skeleton, acrylic glass, scratchable ✗	clunky-chunky metal mesh design ✗
safety	fallproof, fireproof, shatterproof, trap-proof ✓	fall hazard, fire hazard, breakable ✗	fall hazard, fire hazard, trap hazard ✗
health impact	ADA-compliant, no fumes, eco-friendly ✓	wheelchair capable model very bulky ✗	hazardous fumes from lubricants ✗
footprint	3-5x smaller footprint for same cabin space ✓	bulky, single door requires high clearance ✗	bulky, large footprint, costly to install ✗
noise level	55dB (10x quieter) – whisper of the air ✓	Harley Davidson in your bedroom – 85dB ✗	average – 65-75dB ✗
speed	5-10x faster – 20" - 40"/sec, smooth ride ✓	4" - 6"/sec with jerky motion ✗	4" - 8"/sec ✗
power usage	30 lifts daily = less power than a home fridge ✓	low to average	high – inefficient machinery & friction ✗
layout options	opposite side entry for flexible layouts ✓	one-side entry only ✗	opposite entry only on large models ✓
pricing	3x lower cost of product ownership ✓	high product & maintenance cost ✗	high product & maintenance cost ✗

AirLift™ is better looking, is faster, quieter, can lift more weights, is ADA-compliant, has smooth ride, safer, fire-proof, unbreakable, trap-proof and many more.

The best way to describe it – is, perhaps, using an analogy:

Before Tesla, the electric car was known as a forklift or a golfcart. Tesla introduced a luxury sedan with better performance.

We are aiming to transform the elevator industry in a similar way as Tesla did to the car industry.

AirLift™ – Product Line

Blissera introduces a range of residential elevators and solutions suited for different styles, needs and preferences. It also comes with optional accessories adding to the comfort of your living. Models are ordered from small to large, regardless of the release date.

Montblanc series



Montblanc series — a cost-effective solution for your vertical transportation needs. If you have a tight space for the elevator in your home, your maximum lifting weight requirements are low and you have limited budget, then Montblanc series is right for you. Estimated release date: **Q4'2027**.

General

- Maximum rated load – 450lb (200kg) or two people
- Rated speed – 12"/s (300 mm/s)
- Maximum hoistway height – 27' 10" (8,5 m)
- Number of stops – 2
- Minimum floor height – 96" (2,450 mm)
- Elevator door – single leaf, manual operation
- Automated door locks for hoistway and cabin doors
- Power supply – 1-phase 230VAC/15A/50Hz (115VAC/30A/60Hz)
- Main engine – 3.3 HP (2.5KW) single phase, variable speed motor
- Vacuum compressor – 55 mbar, 300 cfm (11 m³/min)
- Noise level – 60 dB, measured at 10 feet (3m) from the MR



Hoistway

- Hoistway size, body footprint – 28" x 36" (710 mm x 910 mm)
- Hoistway size, belt level – 36" x 41" (920 mm x 1040 mm)
- Hoistway material – 12 mm clear tempered glass
- Pit depth – 9.5" (241 mm) for suspension and Cabin floor
- Overhead – 19.2" (488 mm) for engine room

Cabin

- Cabin footprint – 24" x 34" (610 mm x 860 mm)
- Cabin height – 6' 10" (2,100 mm)
- Wheelchair access – N/A, wheelchair support not available
- Double side entry – N/A, same side entry only
- Cabin floor – rubber mat
- Cabin lights – yes, automatic control
- Cabin fan – yes, automatic control



Controls

- Main control – PLC with digital signal processor
- Auxiliary control – Inverter for motor control with PLC interface
- Cabin control – position/call/diagnostic display and call buttons
- Floor-level control – call button and call display on each floor
- Emergency stop switch – in the cabin

Options, upgrades

- Cabin floor – custom designed (hardwood, tile, carpet, mat)
- Cabin handrails – brushed, antique, satin, nickel
- Glass finish: transparent, matte, tinted, colored
- Remote engine room – reduces overhead clearance
- Speed options: Standard
- Dual motor option: N/A

Kilimanjaro series



Kilimanjaro series — upscale solutions for your personal vertical transportation needs for higher load capacity, superb comfort and full automation. Estimated release timeframe: **Q4', 2025**

General

- Maximum rated load – 1,000lb (450kg) or 4 people
- Rated speed – 20"/s (500mm/s)
- Maximum number of stops – 5
- Power supply – AC208V/50A/60Hz (AC380V/30A/50Hz)
- Main engine – 10HP (7.5KW), variable speed AC motor
- Vacuum compressor – 95mbar, centrifugal 1,350 cfm (50m³/min)
- Noise level – 55 dB, measured at 10 feet (3m) – whisper of the air
- Backup power – rechargeable batteries in the hoistway and cabin
- See drawings attached hereto as Exhibit A.

Hoistway

- Hoistway dimensions (OD) – 40" x 54" (1,017mm x 1,375.50mm)
- Floor opening (single entry) – 44.3" x 57.5" (1,125mm x 1,460mm)
- Floor opening (dual entry) – 44.3" x 60" (1,125mm x 1,526.5mm)
- Hoistway wall material – 3/4" (18mm) tempered laminated glass
- Pit depth – 16" (405mm) clean, 20" (500mm) min for construction
- Overhead – 38" (968mm) for powertrain. Split unit is an option
- Minimum floor height – 100" (2,550mm)
- Maximum hoistway height – 65' 8" (20m)
- Twin doors, automated operation, automated door locks

Cabin

- Cabin dimensions (ID) – 36" x 50" (911.5mm x 1,273mm)
- Cabin wall material – 5/16" (8mm) tempered glass
- Ceiling height – 7' 6" (2,289mm)
- Cabin connectivity – fully wireless
- Wheelchair access – yes, ADA compliant
- Twin doors, automated operation, automated door locks
- Cabin floor – rubber mat, carpet, tile
- Cabin lights – yes, automatic control
- Cabin fan – yes, automatic control
- Handrails – matt aluminum, brushed nickel, brushed steel

Controls

- Main control – distributed PLC network on USIT[™] bus
- Auxiliary control – failover secondary host PLC
- Motor control – 3-phase 11kW inverter with PLC interface
- Cabin panel – Floors, Stop, Doors and Voice call to help buttons
- Floor-level control – call button and message display on each floor
- Android & iOS apps for configuring and controlling the AirLift unit

Options, upgrades

- Opposite entry in the cabin and hoistway for dual entry configuration
- Antiseptic package (HEPA filter, UVC air treatment)
- Voice control, 24/7 on call voice service link
- Glass: Borosilicate (ultra-clear), Pyrex (firesafe), BR (bullet-resistant)
- Glass finish: transparent, matte, tinted, colored
- Split powertrain – reduced overhead clearance, remote powertrain unit
- Speed options: Standard (20"/s), Express (30"/s), Turbo (40"/s)

Everest series



Everest series — the first commercial solution for low-rise buildings, offices, hotels, shopping malls. If you have high demand for lifting load capacity, then Everest series is the right solution for you.

Estimated release date: **Q4'2028**.

General

- Maximum rated load – 1,950lb (880kg) or 8 people
- Rated speed – 40"/s (1m/s)
- Maximum hoistway height – 114' (35 m)
- Maximum number of stops – 8
- Minimum floor height – 118" (3,000 mm)
- Elevator door – double, automatic operation
- Automated door locks for hoistway and cabin doors
- Power supply – 3-phase 380VAC/35A/50Hz (400VAC/35A/60Hz)
- Main engine – 16 HP (11KW) 3 phase, variable speed motor
- Vacuum compressor – 65 mbar, 2,850 cfm (105 m3/min)
- Noise level – 55 dB, measured at 10 feet (3m) from the MR, quiet!

Hoistway

- Hoistway size, body footprint – 44" x 62" (1120 mm x 1580 mm)
- Hoistway size, belt level – 48" x 68" (1220 mm x 1730 mm)
- Hoistway material – 19 mm clear tempered glass
- Pit depth – 15.75" (400 mm) for suspension and Cabin floor
- Overhead – 27.55" (700 mm) for engine room

Cabin

- Cabin footprint – 40" x 60" (1,016 mm x 1,524 mm)
- Cabin height – 7' 6" (2,300 mm)
- Wheelchair access – yes, ADA compliant
- Cabin door – double, automatic operation
- Cabin floor – rubber mat, carpet or tiles
- Cabin lights and fan – yes, automatic control

Controls

- Main control – PLC with digital signal processor
- Auxiliary control – Inverter for motor control with PLC interface
- Cabin control – position/call/diagnostic display and call buttons
- Floor-level control – call button and call display on each floor
- Emergency stop switch – in the cabin

Options, upgrades

- Additional cabin door – opposite side entry, dual entry operation
- Dual entry Hoistway (opposite side entry) enabled
- Cabin floor – custom designed (hardwood, tile, carpet, mat)
- Cabin handrails – brushed, antique, satin, nickel
- Cabin phone – fits into the control panel
- Antiseptic package (HEPA filter, UVC air treatment)
- Voice control
- Material upgrade: Pyrex glass (firesafe), Laminated glass (bulletproof)
- Glass finish: transparent, matte, tinted, colored
- Remote engine room – reduces overhead clearance
- Speed options: Standard (30"/s), Express (40"/s), Turbo (50"/s)
- Dual motor: second motor-compressor unit is used as a backup unit, also for Express and Turbo speed options implementation



Olympus series



Olympus series — a futuristic high-end upscale commercial solution for offices, business centers, shopping malls, hotels, yachts, that can accommodate heavy workload and become an attraction display. Estimated release date: **Q4'2030**.

General

- Maximum rated load – 3000lb (1350kg) or 14 people
- Rated speed – 40"/s (1000 mm/s)
- Maximum travel – 349'6" (106,5 m)
- Maximum number of stops – 30
- Minimum floor height – 118" (3,000 mm)
- Elevator door – double, sliding, automatic operation
- Power supply – 3-phase 380VAC/150A/50Hz (400VAC/150A/60Hz)
- Main engine – 35HP (26KW) 3 phase, variable speed motor
- Vacuum compressor – 90 mbar, 15,000 cfm or 525 m³/min
- Noise level – 60 dB, measured at 10 feet (3m) from the MR

Hoistway

- Hoistway size, glass level – 79" in diameter (2000 mm)
- Hoistway size, belt level – 87" in diameter (2220 mm)
- Hoistway material – 25mm monolith or 32mm triplex tempered glass
- Minimum pit depth – 24" (600 mm) for cabin housing
- Minimum overhead clearance – 48" (1220 mm) for engine room

Cabin

- Cabin size – 72" in diameter (1830mm)
- Cabin height – 8' 2" (2,500 mm)
- Wheelchair access – yes
- Cabin door – double, automatic operation
- Rotating cabin, to adjust to different side doorways on each floor
- Cabin handrails – brushed, antique, satin, nickel
- Cabin floor – rubber mat, carpet, vinyl, or tiles
- Cabin lights and fan – yes, automatic control
- Cabin phone – fits into the control panel

Controls

- Main control – PLC with digital signal processor
- Auxiliary control – Inverter for motor control with PLC interface
- Cabin control – position/call/diagnostic display and call buttons
- Level control – call button and call display on each level
- Emergency stop switch – in the cabin and at main control box

Options, upgrades

- Multiple entry – cabin rotation, aligning cabin door to a floor entry
- Cabin floor – custom designed (hardwood, tile, carpet, mat)
- Remote engine room – eliminates need for overhead clearance
- Speed options: Standard (40"/s), Express (80"/s), Turbo (120"/s)
- Antiseptic package (HEPA filter, UVC air treatment)
- Voice control
- Material upgrade: Pyrex glass (firesafe), Laminated glass (bulletproof)
- Glass finish: transparent, matte, tinted, colored
- Dual and triple motor options: 2nd and 3rd motor-compressor used for Express and Turbo speed options implementations



Warranty and Support

Every AirLift™ elevator is covered under the *Blissera Limited Warranty*, which includes the *Bodily Parts Limited Warranty* (BPLW), *Power Drive Limited Warranty* (PDLW), *Small Mechanics Limited Warranty* (SMLW), *Control System Limited Warranty* (CSLW), *Wearable Parts Limited Warranty* (WPLW) and *Extended Maintenance Limited Warranty* (EMLW).

Bodily Parts Limited Warranty

The Bodily Parts Limited Warranty (BPLW) covers your AirLift™ elevator bodily parts, including the hoistway and the cabin, from manufacturing defects, wear and tear during normal use for a period of 5 years or 10,000 rides, whichever comes first.

Power Train Limited Warranty

The Power Train Limited Warranty (PTLW) covers your AirLift™ elevator vacuum compressor equipment, drive motor, motor control electronics, including motor inverter – for a period of 3 years or 6,000 rides, whichever comes first.

Small Mechanics Limited Warranty

The Small Mechanics Limited Warranty (SMLW) covers your AirLift™ elevator mechanical components, including the doors operating system, parking mechanism, doors lock mechanism, suspension mechanism and emergency brakes mechanism from manufacturing defects, wear and tear during normal use for a period of 24 months or 4,000 rides, whichever comes first.

Control System Limited Warranty

The Control System Limited Warranty (CSLW) covers your AirLift™ elevator electronic components, including the programmable logic controllers of the hoistway and the cabin, sensors, actuators, electronics control boards, rechargeable backup batteries – for a period of 24 months or 4,000 rides, whichever comes first.

Wearable Parts Limited Warranty

The Wearable Parts Limited Warranty (WPLW) covers your AirLift™ elevator vacuum components, including vacuum seals of the hoistway doors, the vacuum seals of the cabin and the emergency brake valves – for a period of 12 months or 2,000 rides, whichever comes first.

These warranties cover the repair or replacement necessary to correct manufacturing or installation defects in the materials or workmanship of any parts and systems manufactured or supplied by Blissera, which occur under the conditions of normal use and usual tear and wear.

Extended Maintenance Limited Warranty

The Extended Maintenance Limited Warranty (EMLW) extends the *Power Train Limited Warranty*, *Small Mechanics Limited Warranty*, *Control System Limited Warranty* and *Wearable Parts Limited Warranty* for a period under which the maintenance contract is valid. The EMLW requires a yearly subscription and typically runs at 2.5% of your elevator price on a yearly basis, payable yearly or in equal monthly installments.

Blissera products are equipped with an automated monitoring system that automatically communicates the self-diagnostics results to the 24x7 technical support center, so we would know if a part needed replacement or maintenance, and our technical team would be on its way to fix things before you know it. Maintenance or repair service can be performed only by authorized service personnel. Any unauthorized work or service on Blissera products may render the warranty null and void.

We encourage you to acquire the EMLW by entering into a maintenance and service agreement to ensure an uninterrupted operation and safety of your AirLift™ elevator at all times.

How to Order

Why preorder early? This is a limited time promotion offer for “Early Bird” customers who can get substantial benefits, priority order fulfillment, price discounts based on the downpayment amount:

- preorders – welcome to join our excited customer community. All preorders prior to the product release are subject to certain perks and discounts for “Early Bird” customers
- orders fulfillments will begin in Q4’2025

4-easy steps

Visit www.blissera.com/order to place your order online:

1. **Preorder.** Place an Early Bird order to purchase AirLift™ Kilimanjaro series elevator model with a downpayment towards your custom configured order. Depending on the downpayment amount, you may be eligible for discounts and other rewards, such as discounted installation and longer free maintenance on us. Upon submitting your preorder, you will be charged a one-time order processing fee of \$100.00, which is refundable if we don't meet our release or specification criteria and non-refundable if you cancel your order without cause. You can preorder your very own Kilimanjaro series AirLift™ starting June 1, 2025.
2. **Test Drive.** In Q3’2025, we will invite you to our Bay Area showroom to get first-hand experience riding the AirLift™ and testing our products and their features. If you are not completely satisfied or if you change your mind about your order, you may cancel your order, and we will refund your downpayment amount, no questions asked.
3. **Order Confirmation.** At that point you can confirm your order with final configuration and make an additional payment, bringing your total paid amount to 100% of your order amount. Your order will now enter the fulfillment phase.

We may suggest a general contractor for implementing alterations at your installation site, if any. Alternatively, you may choose to select your own general contractor to perform alteration works. We will assist the general contractor of your choice to file for necessary alteration and installation permits with city authorities on your behalf. You are solely responsible for the cost of city permits and third-party remodeling costs.

4. **Installation.** Once necessary city permits are obtained and alterations are completed, we will install AirLift™ elevator at your site and turn-key hand-over to you a fully functional product. In return of Early Bird order perks, discounts and savings we ask for your honest feedback about your AirLift™ experience.

To keep your AirLift™ operational at all times and safe to use, you should maintain an active service and maintenance agreement with Blissera under Extended Maintenance Limited Warranty policy.

Visit www.blissera.com to reserve your very own custom AirLift™ elevator today. For more questions, please contact Blissera for assistance at toll free: (844) 960.4141

Enjoy your fantastic vertical ride with no strings attached.

Very Truly Yours,
The AirLift™ Team