



Enticing Design, Top-Notch Engineering, Modest Valuation  
**“ELEVATORS THAT MAGNIFY YOUR HOME’S OPULENCE”**



## ABOUT US

Introduced to the elevator industry in 2002, Nibav lifts revolutionized mobility solutions for Households across the world. The Pneumatic elevator is engineered to use 'AIR', the most abundant and commonly available resource that our earth has to offer. The principle operation of this elevator is based on the ascending push generated by the difference between the atmospheric pressure on the top of the cabin and the atmospheric pressure under the cabin.

Till 2018, Vacuum Elevators were imported to the Australian market. However, thanks to Make in Australia, with our technological tie-up we are now manufacturing these patented vacuum driven lifts in Australia. Our vision **"Now Luxury in Every Home"** is to present you with an elevator which is of the same imported standards, however at an extremely affordable pricing. Thereby, ensuring that this Luxurious Home Elevator can now be a part of every Australian Household.

## | WHAT MAKES US UNIQUE?

**Zero Civil Work** - Vacuum lifts do not require any Pit or Headroom. This not only brings the civil work to almost ZERO but also makes these lifts Vaastu Compliant.

**360° Panoramic View** - The shaft is covered by Polycarbonate Glass on all sides giving you a panoramic view while travelling. Also the panoramic view prevents any sort of Claustrophobic feeling inside the elevator.

**Green Elevator** - Vacuum Elevators are extremely environmentally friendly. It uses the most abundant natural resource available "AIR" as its core operating technology. It runs on Single Phase Power Supply & consumes ZERO power during descend making it a Green Elevator

**Plug & Play** - These lifts come as a semi-assembled unit and all our technicians do is plug and play. This reduces the installation time of Nibav Lifts to only 24 Hrs and maintains the installation quality as per manufacturing standards.

**Lightweight Construction** - The outer structure of vacuum lifts is made of composition of Aluminium and Steel, making it extremely lightweight and can be installed anywhere in your house without any flooring reinforcements.

**Flexibility** - Vacuum lifts are extremely flexible. A 2 Stop (G+1) lift can later be Extended to 3 Stops (G+2), the door opening can also be different at different floors (Opposite / Adjacent Entrance). Also these lifts are Portable and are even handy, in case of relocating.

**Minimal Maintenance** - No use of oil or lubrication, no counterweights, no auxiliary battery back-up & self supporting shaft, makes these lifts extremely low on maintenance and creates no impact on your pocket.

**Safe to Operate** - All Nibav Home Elevators follow European Standards of Safety (Machine Directive 2006/42/EC & CE Certification) and has mechanically driven landing system. The glass used in outer structure is made of polycarbonate and is virtually unbreakable. Plus all Nibav Vacuum Elevators are equipped with compound breaks, LED light, alarm & telephone as standards, making these lifts completely safe to use for daily purposes.

**Return to Home** - Nibav Lifts allows to station your lift at the floor of your desire. With timed electromechanical systems, you can now choose where your lift should land when not in use.



Twelve months Manufacturer  
Warranty



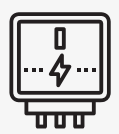
Certified



Two Passenger  
Elevator



Automatic Interior  
LED Lighting and Fan



Single Phase Power  
Supply



Fire Alarm Integration



European Standards of  
Machine Directive 2006/42/EC

# I TECHNOLOGY MEETS SIMPLICITY

## EXTERIOR CYLINDER

The cylinder is a transparent self-supporting tube, built around a specially designed aluminium and steel structure. The tube walls are made of curved polycarbonate sheets. The tube consists of modular section which easily can fit into one another. The roof of the tube, made of steel, ensures air tight closures with suction valves and inlets.

## ELEVATOR CAR

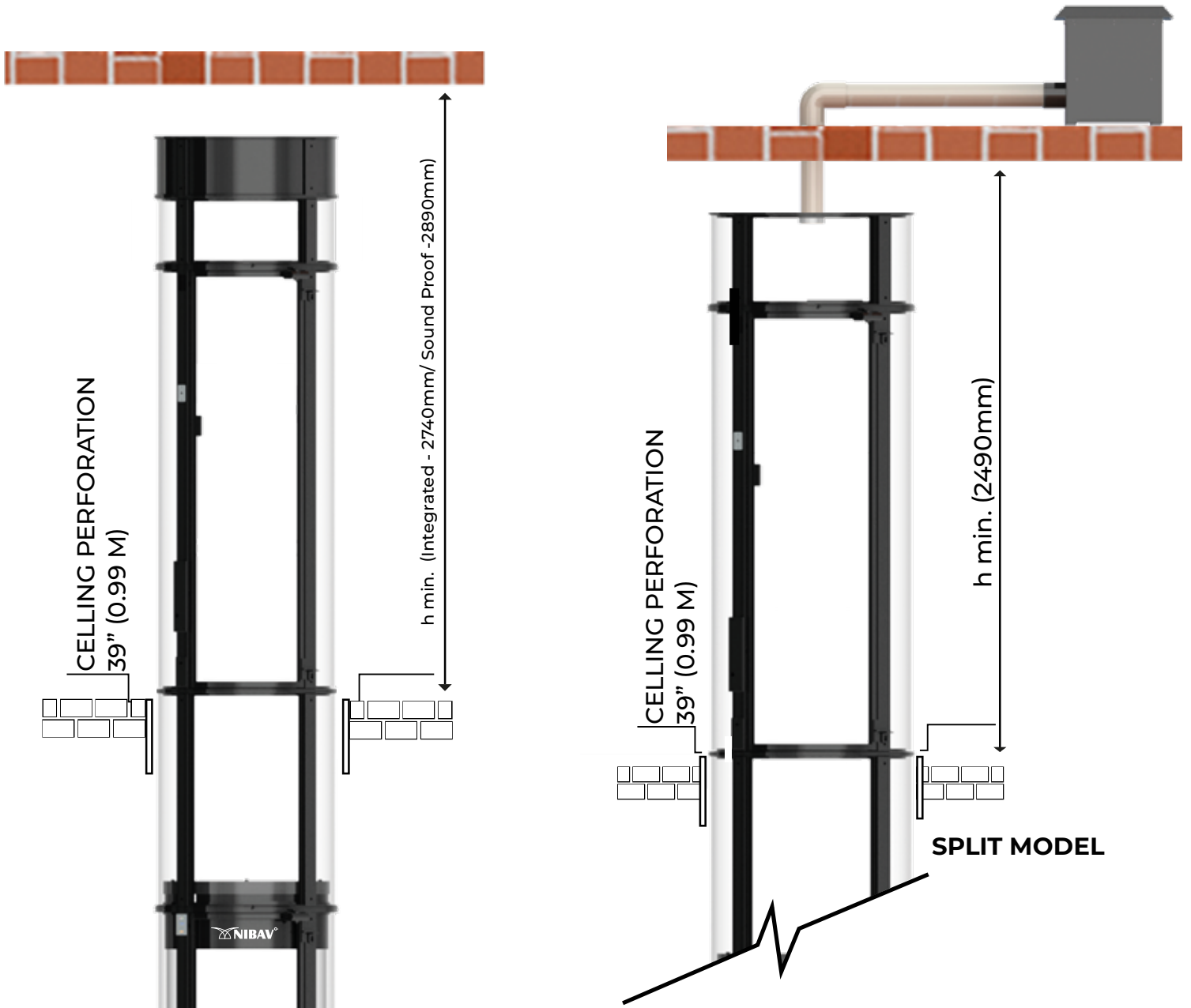
The car runs inside the cylinder on rails/columns, which are part of the same self-supporting structure of the cylinder. The walls of the car are made of transparent polycarbonate panels. The car is also equipped with an anchoring system that activates on reaching the indicated floor, providing precise but smooth stops, and locks the car mechanically.



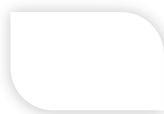
## SUCTION ASSEMBLY

"Head Unit" is on the top of the tube /cylinder, where the turbines, the valves, and the controls are located. The control cabinet is a metal box housing with a PVE controller board and other electric devices. The head unit is built and placed on either the same tube that holds the car (standard), or separately (split unit) at distances of up to 30 linear feet (10m) from the lift.

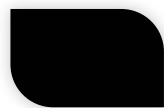
# VARIETY TO ACCOMPLISH EVERY REQUIREMENT



## STANDARD

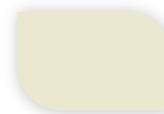


Pure White (RAL 9010)



Jet Black (RAL 9005)

## AESTHETICS OPTIONS



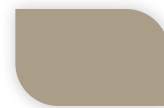
Cream (RAL 9001)



Beige/Brown (RAL 8024)



Silver Grey (RAL 7001)



Pebble Grey (RAL 7032)



"The biggest advantage of this lift is that its Vaastu compliant. With no pit/no headroom, you can easily install it at any corner of the house, with next to zero civil work."

"It's been 3 years and we've had zero complaints with this lift. We feel so secure with this lift that even our grand-daughter, who's now 6, has been playing in it since the time she was 3 years old."

"Everytime I have a visitor at home, this lift creates a wow impact ! and becomes the talk of my house. It has also been immensely useful for my mother, who due to knee issues couldn't climb stairs."

"The technical team was very good. They took prior appointment, they knew their job and I think within just a few hours they made the lift up & running."

# TECHNICAL SPECIFICATION

## General

Maximum stops	: 4 Stops (G+3)
Max Travel height	: 10500mm
Rated Load / Capacity	: 210 Kg
Travel Speed	: 0.15 m/sec
Unit Types	: Split, Integrated & Sound Proof
Clear Space Required	: 1010mm
Power Consumption	: 3.7 Kva (Stabilised Power)
Electrical Requirement	: 230V, 60/50 Hz, 22 amp single phase power

## External Specifications

External cylinder diameter	: 970mm
Shaft Construction	: Composition of Aluminium & steel
Special Glass	: Polycarbonate (250 times stronger than glass)
Minimum overhead clearance	: Integrated : 2740mm   Split : 2490mm   Sound Proof : 2890mm
Landing Door height	: 2000mm
Clear Door Access	: 600mm

## Internal Specifications

Internal cabin height	: 2000mm
Internal cabin diameter	: 853mm
Type of Control	: Push and Run
Power Supply inside Cabin	: 24 Volt DC
Cabin Operating Panel Type	: Single collective with Illuminated buttons
Overload Indication	: Built In on COP (Cabin Operating Panel)
Cabin Ceiling	: LED Spot Light with FAN

## Safety Features

Complies to European Home Elevator Standards (Machinery Directive 2006/42/EC and CE)
Built in Alarm system & Telephone (Phone Only)
Automatic mechanical descent to floor 0 without auxiliary power, in case of power failure
Dual HCC (Hardened Cross Compound) brake, brings lift to complete stop within 2 inch
Manual Emergency Descend (RED Switch) on Shaft and in Cabin
Electromechanical interlocks at each landing
DLL (Dual Landing Leaver) deliver precise leveling at each floor
Emergency Key



 **NIBAV**<sup>®</sup>  
— HOME ELEVATORS —  
Now Luxury in Every Home

Enhance the value  
of your home

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