

# BUILT TO ELEVATE

Design Guide



RESIDENTIAL  
ELEVATORS

*Elevating Your Standard of Living*





# REASONS TO INSTALL A HOME ELEVATOR

Thank you for considering Residential Elevators for your next project. Our goal, quite simply, is to provide builders and architects with the highest quality home elevators on the market.

## A home elevator:

- Gives homeowners the freedom of aging in place, never forced to leave their beloved home
- Offers convenience for all ages, whether carrying groceries, luggage, or furniture
- Becomes a necessity, rather than a mere amenity, if mobility becomes a challenge for any reason
- Adds luxury and immediate value to a house
- Attracts a wider pool of potential home buyers and commands a higher price

Even if you think your homeowners may not want an elevator now, consider designing your project for one to be installed in the future. The required footprint is often no larger than a well-placed closet. By stacking closets during the design phase, it will be easier and less expensive than retrofitting an elevator into an existing home later.

Residential Elevators has installed thousands of elevators across America — made possible by nearly 300 passionate employees and certified dealers around the country. Whether you need elevators for a single home or a complete community, Residential Elevators has the skills and resources to handle projects of any scale. We are ready to help you with your next development.



# OUR DIFFERENCE

Residential Elevators is the premier home elevator company for America's most discerning builders and architects who want to add value to their next multi-story community or luxury home development. Our custom-crafted, state-of-the-art elevators lift lifestyles to new heights, offering newfound access and convenience through quality, value, and service.



## Project Management

Dedicated local manufacturer representatives monitor your project every step of the way, from start to finish.

## Made in the USA

Family-owned and operated for three decades, we produce the highest quality custom elevators, manufactured and assembled in the USA in our factories by our employees.



## Scalability

America's top builders trust Residential Elevators to complete their large-scale, multi-unit, residential applications, on time with the quality and finish they can depend on.



## Customization

Our experience in building custom elevators is unsurpassed. If you can dream it, we can build it.



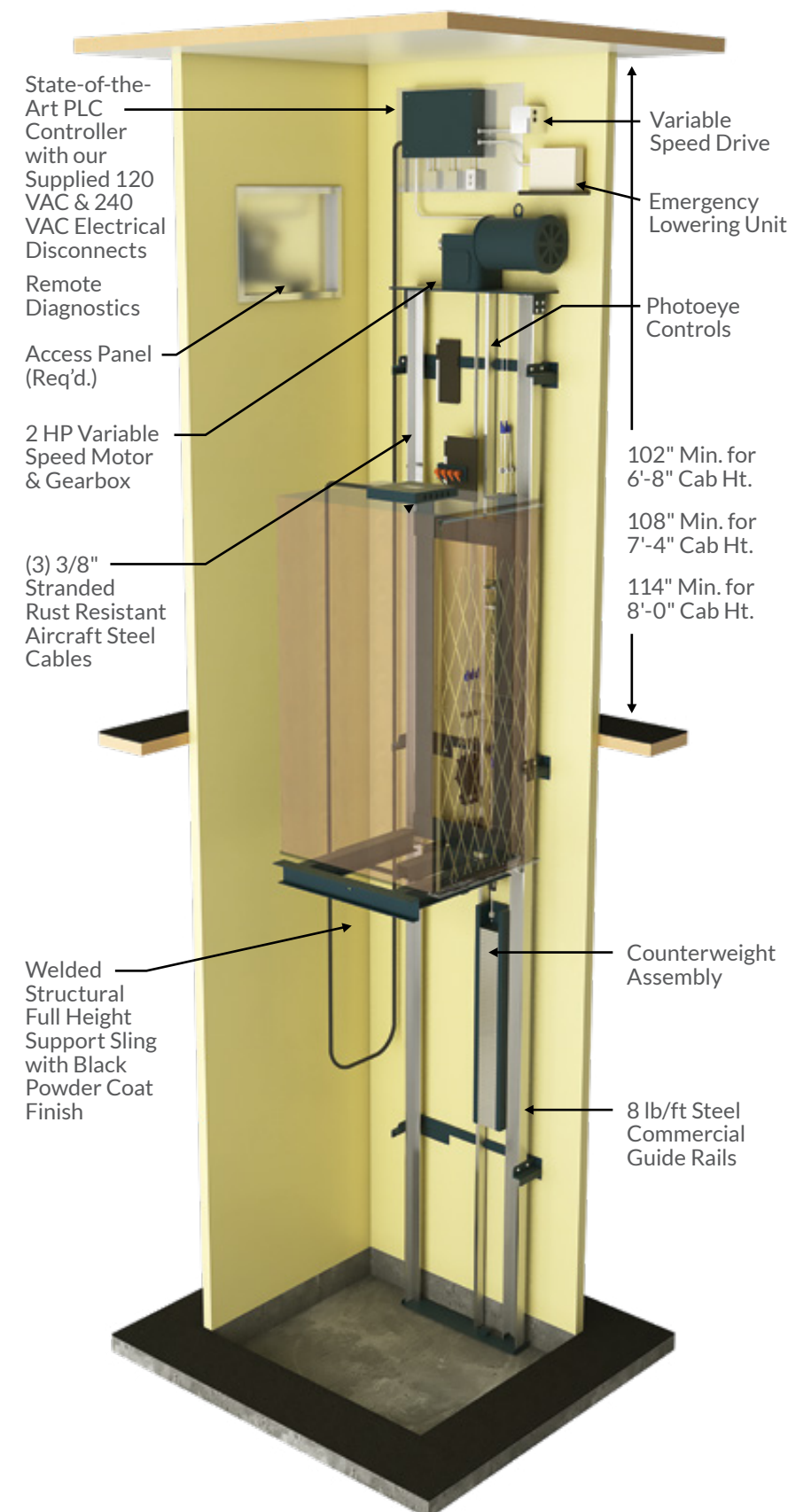
## Control

Residential Elevators is the only company of its kind that manufactures, ships, installs, and services its elevators nationwide. We project-manage every aspect of the home elevator journey — from design and craftsmanship to installation, service, and warranty.

**With Residential Elevators' total control of the supply chain, we hold ourselves accountable during each step of the process, guaranteeing the highest quality experience and products for your project.**



# TRACTION SYSTEMS

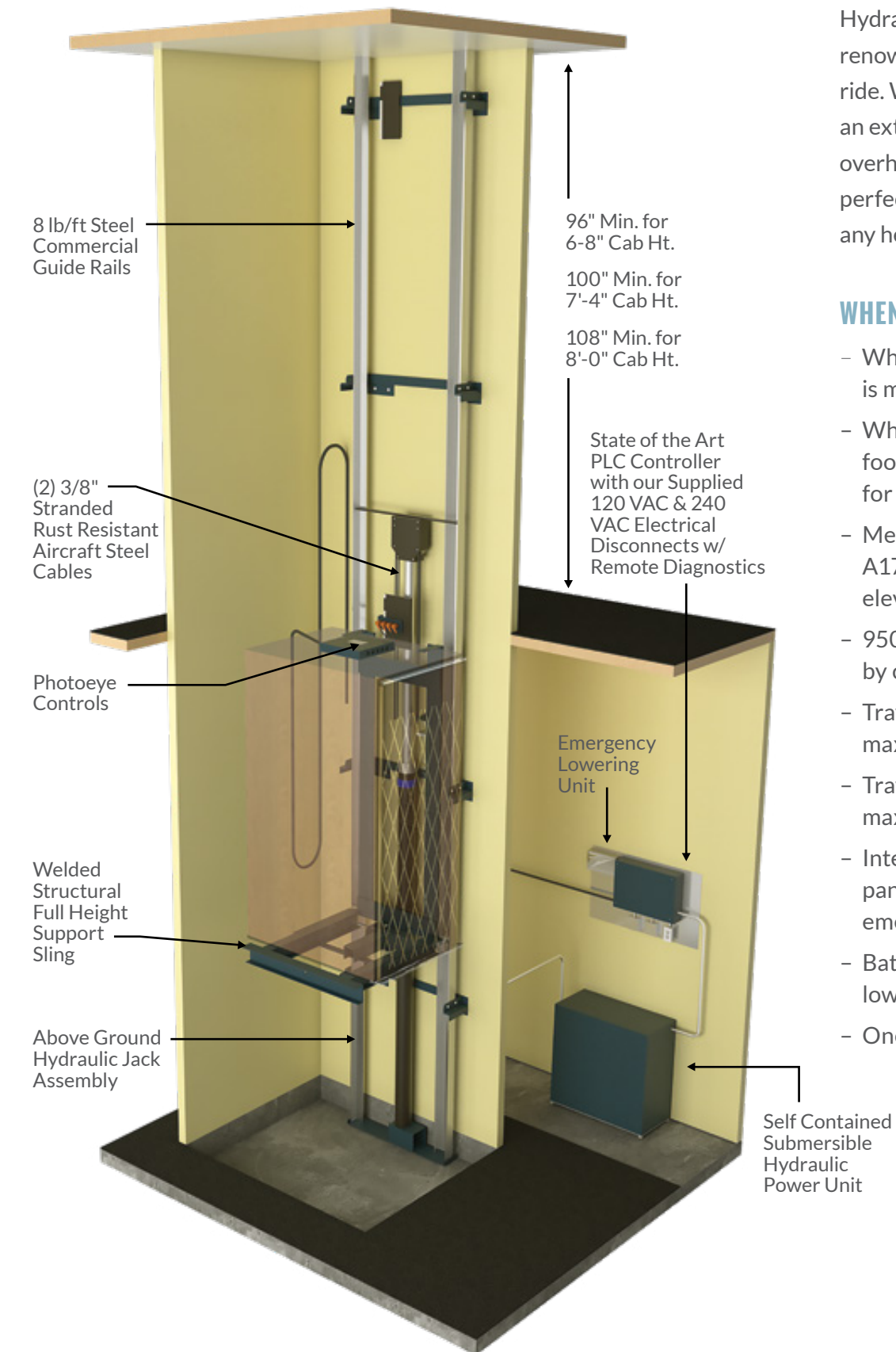


Traction elevator systems were developed for the commercial elevator industry, operating with a system of counterweights and steel cables. They are referred to as "machine room-less" elevators, as the mechanical equipment is installed completely in the elevator shaft. Residential Elevators was the first manufacturer in the home elevator industry to utilize a true traction operating system resulting in a trusted, reliable product that is guaranteed to last for years.

## WHEN TO SELECT TRACTION:

- When building on coastal properties, as the equipment is located out of the floodplain
- When your construction plans specify enough overhead to accommodate the equipment above the home elevator
- When space is at a premium, no machine room needed
- Meets and exceeds all ASME A17.1 national codes for elevator safety
- 950 lb. capacity - max allowable by code
- Travel speed of 40 ft. per minute - max allowable by code
- Travel distance up to 50 ft. - max allowable by code
- Integrated car operating panel with built-in phone and emergency light
- Battery back up - emergency lowering unit
- One (1) year limited warranty

# HYDRAULIC SYSTEMS



Hydraulic operating systems are renowned for their quiet, smooth ride. While these products require an extra machine room, less overhead is needed, making it the perfect elevator for homes with any height restrictions.

## WHEN TO SELECT HYDRAULIC:

- When overhead clearance is minimal
- When a house has a larger footprint, and space dedicated for an elevator machine room
- Meets and exceeds all ASME A17.1 national codes for elevator safety
- 950 lb. capacity - max allowable by code
- Travel speed of 40 ft. per minute - max allowable by code
- Travel distance up to 50 ft. - max allowable by code
- Integrated car operating panel with built-in phone and emergency light
- Battery backup - emergency lowering unit
- One (1) year limited warranty

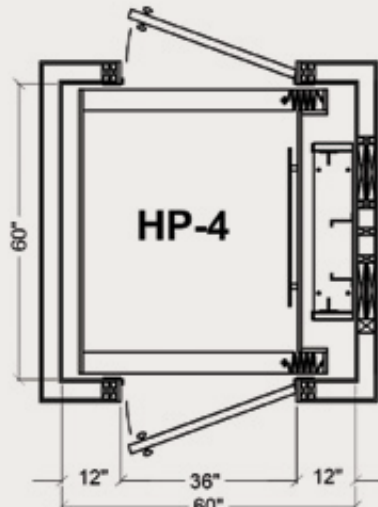
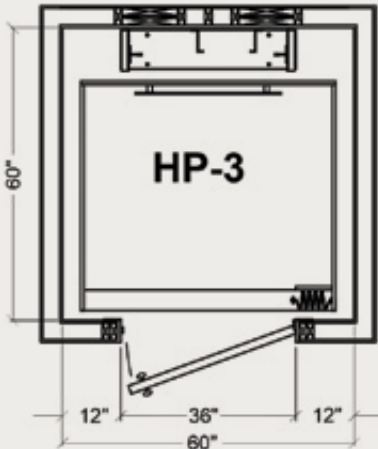
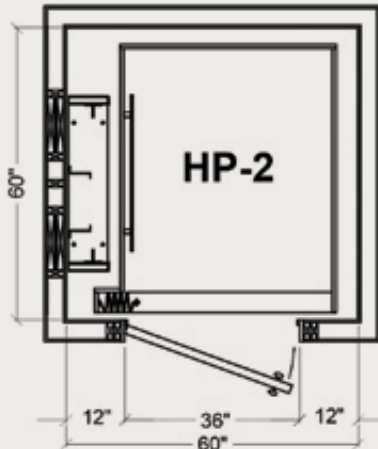
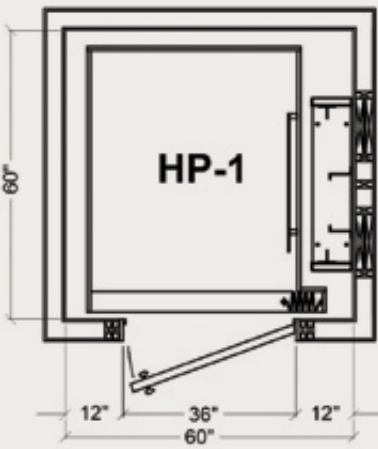


WITH YOU EVERY STEP



HOISTWAYS

Residential Elevators’ standard and most popular hoistways are diagrammed below. For information about custom hoistways, please speak to your sales representative or visit <https://ResidentialElevators.com/project-management/>



OF THE WAY

Whether you are building a luxury home, designing a community of townhomes, or adding an elevator to an existing home, preparing for and installing a home elevator can be complex, particularly for builders new to the process. Residential Elevators’ experienced manufacturer representatives and dealers serve as project managers to provide expert consultation to help you navigate the entire process from start to finish — from specification to framing, installation to inspection. Our goal is to make the home elevator installation process as simple and efficient as possible — and that includes manufacturing a cab that fits your specific hoistway measurements.

Throughout your project, your manufacturer representative will conduct multiple visits to your jobsite, working with subcontractors to ensure that any “work done by others” is accurate and precise, for a smooth, trouble-free installation.


Lastly, your manufacturer representative also conducts an on-site “Homeowner Walk-Through” with every customer, ensuring that homeowners understand the features, benefits, and safety controls we build into every elevator.



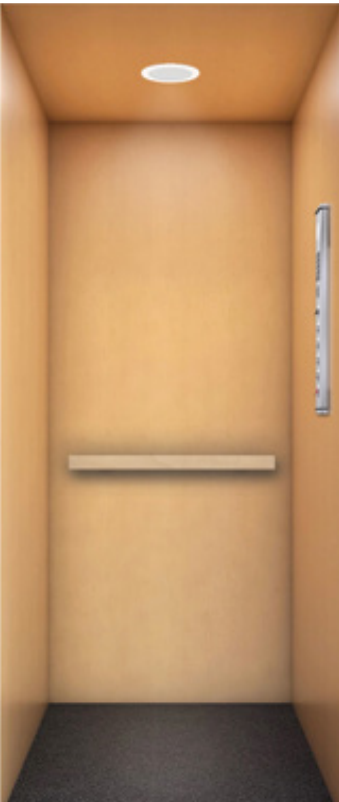
# YOUR DESIGN OUR QUALITY

Our wide range of cab styles and designs use only the highest quality material, wood finishes, and fixtures. Every cab is custom-built with precision and beauty by our experienced craftsmen.

Because we make what you imagine, the possibilities are endless. Each step in the design process is guided by your choice of **wood species, handrails, light fixtures, gates, and finishes.**



Design Your Custom Home Elevator at  
<https://ResidentialElevators.com/cab-builder/>



**FINISHES SHOWN:**

**Handrail:** Solid Wood Flat Bar, Maple  
**Wood Species:** Maple  
**Ceiling:** Single LED Light, White Trim  
**Fixtures:** Brushed Stainless Steel #4

**Classic Series (Standard)**

Our top-selling cab model, the Classic series is simple, practical, and built to last with everything you need included.



**FINISHES SHOWN:**

**Handrail:** Solid Metal Flat Bar, Brushed Stainless Steel #4  
**Cab Material:** Premium White Laminate  
**Ceiling:** 4 Recessed LED Lights, Brushed Silver Tone Trim  
**Fixtures:** Brushed Stainless Steel #4

**Classic Series (Upgraded)**

Add your own personal style to your Classic cab by selecting from a range of accessories.



**FINISHES SHOWN:**

**Handrail:** Solid Metal Flat Bar, Mirrored Stainless Steel #8  
**Wood Species:** Sapele  
**Ceiling:** 4 Recessed LED Lights, Brushed Silver Tone Trim  
**Fixtures:** Mirrored Stainless Steel #8

**Signature Series**

The Signature series offers elegance and timeless design, and easily fits with any home style.



**FINISHES SHOWN:**

**Handrail:** Solid Wood Flat Bar, Alder  
**Wood Species:** Alder  
**Ceiling:** 4 Recessed LED Lights, Black Trim  
**Fixtures:** Matte Black

**Modern Farmhouse Series**

Comfortable and relaxed meets modern in our Modern Farmhouse series.



**FINISHES SHOWN:**

**Handrail:** Solid Metal Flat Bar, Brushed Stainless Steel #4  
**Wood Species:** Walnut  
**Ceiling:** 4 Recessed LED Lights, Brushed Silver Tone Trim  
**Fixtures:** Brushed Stainless Steel #4

**Vintage Series**

Raised hardwood moulding provides a traditional look, giving this cab a tailored, Colonial feel.



**FINISHES SHOWN:**

**Handrail:** Solid Metal Flat Bar, Brushed Bronze #4  
**Wood Species:** Cherry  
**Ceiling:** 4 Recessed LED Lights, Brushed Bronze Tone Trim  
**Fixtures:** Brushed Bronze #4

**Estate Series**

Handcrafted with double-thick wood panels and inset hardwood transitional mouldings, the Estate series quality and beauty is unmatched.



**FINISHES SHOWN:**

**Handrail:** Solid Metal Flat Bar, Brushed Stainless Steel #4

**Cab Material:** 1" MDF painted white

**Ceiling:** 4 Recessed LED Lights, Brushed Silver Tone Trim

**Fixtures:** Digital Touch Screen, Brushed Stainless Steel #4

**Shaker Series**

Clean lines and simplistic design are what you can expect with one of our most popular series — perfect for a cottage or coastal look.



**FINISHES SHOWN:**

**Handrail:** Solid Metal Flat Bar, Matte Black

**Cab Material:** 1.25" MDF painted white

**Ceiling:** 4 Recessed LED Lights, Black Trim

**Fixtures:** Matte Black

**Reserve Series**

A subtle arched design provides a curved symmetrical look that can be easily complemented with raised moulding to add depth and boldness.



**FINISHES SHOWN:**

**Handrail:** Solid Metal Flat Bar, Brushed Stainless Steel #4

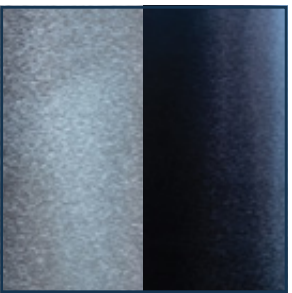
**Stainless Series:** Stainless Steel Panels

**Ceiling:** 4 Recessed LED Lights, Silver Tone Trim

**Fixtures:** Brushed Stainless Steel #4

**Stainless Series**

Undeniably eye-catching and ultra sleek, our stainless steel cabs add a high-tech look and feel to any home.



**FINISHES SHOWN:**

**Handrail:** Solid Metal Flat Bar, Brushed Stainless Steel #4

**Stainless Series:** Stainless & Black Stainless Panels

**Ceiling:** 4 Recessed LED Lights, Silver Tone Trim

**Fixtures:** Brushed Stainless Steel #4

**Stainless Series**

Customize your stainless steel cab by mixing an array of floating, brushed anodized aluminum or wood panels to create your own unique look.

**Wood Cab Finishes**

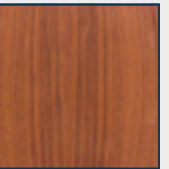
**SPECIES**



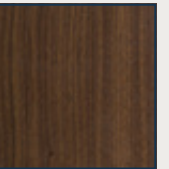
Maple



Oak



Sapele



Walnut



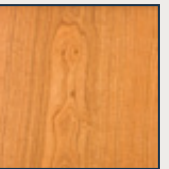
White Laminate



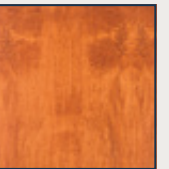
Bamboo



Rift White Oak



Cherry



Alder

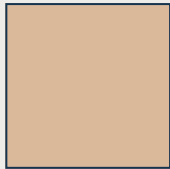
All wood species are available with the following finishes:

- Unfinished
- Clear Lacquer
- Custom Stain

The beauty of natural wood lies in its unique grains, colors, textures, and marks. Our craftsmen work diligently to preserve and enhance wood's natural and unique characteristics in all of our wood cabs.

**Stainless Steel Cab Finishes**

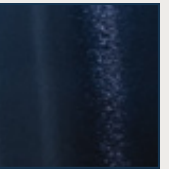
**STAINLESS**



Rose



Silver



Black

3-Piece Floating Stainless Steel panels can be arranged to your selection. Wood panels from any of the species above are also an option.

*\*Ask your local manufacturer representative about custom cab upgrades, options, and designs.*

**Factory Direct Custom Cabs**

At Residential Elevators, each elevator cab is custom built from measurements taken by our local representative. This allows us to maximize

the size of the elevator and provide our clients with the selection that they desire.



# FIXTURES AND GATES

## HALL & CAR FIXTURES



Standard Surface Mounted  
Operating Panels



Flush Mount  
Operating Panels



Digital Touch Screen  
Car Operating Panel

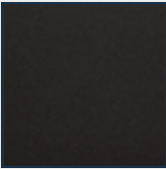
### Fixtures Finishes



Brushed  
Stainless #4



Mirrored  
Stainless #8



Matte Black



Brushed  
Bronze #4



Mirrored  
Bronze #8

## GATES

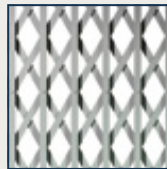


Century Scissor



Accordion

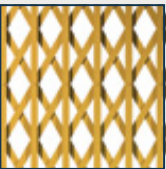
### Century Scissor Gate Finishes (metal)



Silver



Black



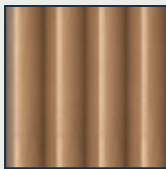
Bronze

### Accordion Gate Finishes

#### HARDWOODS, ACRYLIC & VINYL



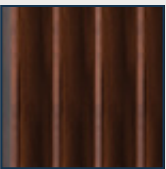
Black Vinyl



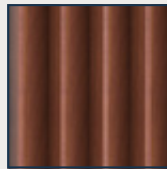
Maple Vinyl



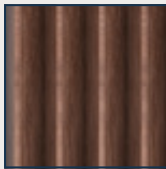
Light Oak  
Vinyl



Dark Oak  
Vinyl



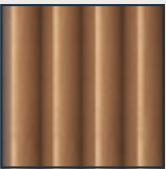
Cherry Vinyl



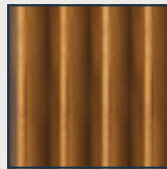
Sapele Vinyl



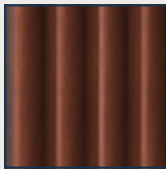
Walnut Vinyl



Maple Wood



Oak Wood



Cherry Wood



Sapele Wood



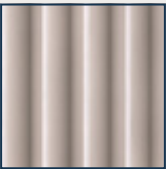
Walnut Wood



Clear Acrylic



Smoked  
Acrylic



White  
Vinyl



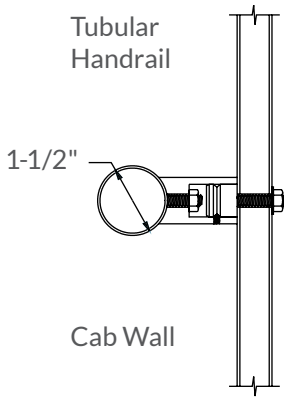
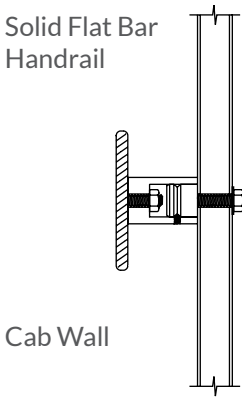
HANDRAILS



Solid Flat Bar Metal Handrail



Tubular Metal Handrail



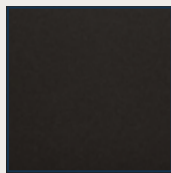
Metal Handrail Finishes



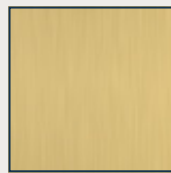
Brushed Stainless #4



Mirrored Stainless #8



Matte Black



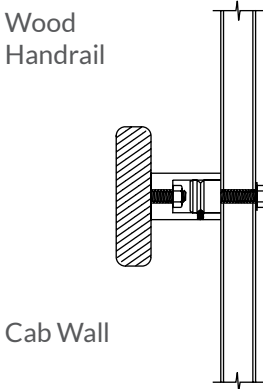
Brushed Bronze #4



Mirrored Bronze #8



Wood Handrail



Wood Handrail Finishes:

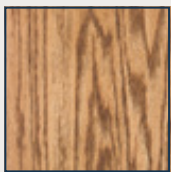
All wood species are available with the following finishes:

- Unfinished
- Clear Lacquer
- Custom Stain

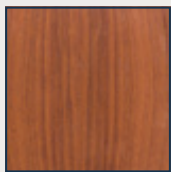
SPECIES



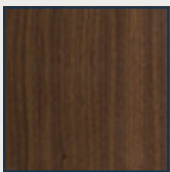
Maple



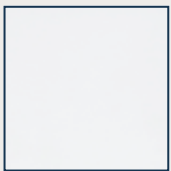
Oak



Sapele



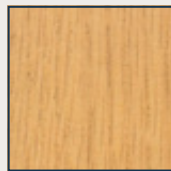
Walnut



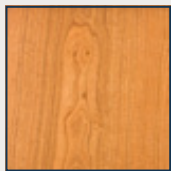
White Lacquer



Bamboo



Rift White Oak



Cherry



Alder

ADDITIONAL  
OPTIONS

- Observation glass panel inserts
- Code-compliant mirrors
- Additional Handrails
- Four recessed LED downlights with matching trim
- Keyed hall station and operating panels
- Remote diagnostics and monitoring
- Auto homing / auto light timer
- REEL electronic door strikes
- Infrared light curtains for enhanced safety
- Automatic accordion power gate operator
- Surge suppressor sets
- Audible arrival notification
- FEMA approved float switch
- Weather-resistant hall stations
- 750 lb. capacity (50'-0" max.), as necessary by code in certain areas
- Power door openers



Classic Series Cab: White Finish; (4) Recessed LED Lights: Silver Tone; Standard Control Operating Panel: Mirror Stainless; Accordion Gate: Clear Acrylic; Additional Features: Full Height Observation Glass Panels





Shaker Series, White finish with Brushed Stainless accessories





*Elevating Your Standard of Living*

Residential Elevators, LLC.  
800.832.2004  
[Sales@ResidentialElevators.com](mailto:Sales@ResidentialElevators.com)  
[ResidentialElevators.com](http://ResidentialElevators.com)