

RESIDENTIAL ELEVATOR SPECIALISTS



AHE Home Elevators



A woman with blonde hair, wearing a bright yellow hard hat and a dark grey business suit, stands in the foreground. She is smiling and holding a large roll of white blueprints. Behind her is a modern, multi-story house at night. The house has large, arched windows that are brightly lit from within, casting a warm glow. The sky is a deep blue, suggesting dusk or dawn. The overall scene conveys a sense of professional achievement and home improvement.

Congratulations

on your decision to include a residential elevator in your home design.

A residential elevator is one of the few home amenities that will add permanent value to both the use and resale of your home.

In fact, research has shown, a high quality residential elevator from AHE will increase the resale value of a home by up to 10%. Furthermore, expanding the potential resale market to include those who otherwise may not have considered a multi story home.

As you look through our brochure you will find that we offer a variety of styles and finishes that are sure to compliment your décor. Whether choosing our basic cab or employing our custom design services, you can have complete confidence that each and every elevator is designed and manufactured with industry leading safety components and will meet or exceed all current design standards.

We are honored that you are taking the time to view our product and look forward to gaining your trust, and eventually welcoming you into the AHE family.

Committment to Excellence

With 25 years experience and a passion for quality, Accredited Home Elevator (AHE) Manufacturing is THE choice for high quality home elevator designs. Family owned and operated AHE has grown to become one of the nations most highly regarded home elevator manufacturers.

From our structurally engineered designs to our furniture grade interiors, we strive for perfection in all we do. Our endless pursuit of perfection is evident in the smooth quite ride and consistent reliability of each and every elevator we produce.

Just as important as our physical product is the network of dealers supporting it. We work hard to surround ourselves with companies who share our commitment to excellence. To achieve this, we employ one of the strictest dealer selection criteria in the industry.

To you, the end user, this assures you of only one thing. If you have found an installation company that has been officially approved to offer our product... look no further. You have found your installation company.

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Bristol

With clean lines and timeless style, the Bristol offers flat panel hardwood veneer walls with flat ceiling, brushed stainless handrail and recessed lighting. (Optional custom hardwoods, picture framing and decorative appliques available).



Flat ceiling with two recessed lights. Optional picture framing and other optional lighting available.



Brushed stainless handrail standard



Optional tray ceiling, shown with 4 recessed down lights, can be added to any cab.

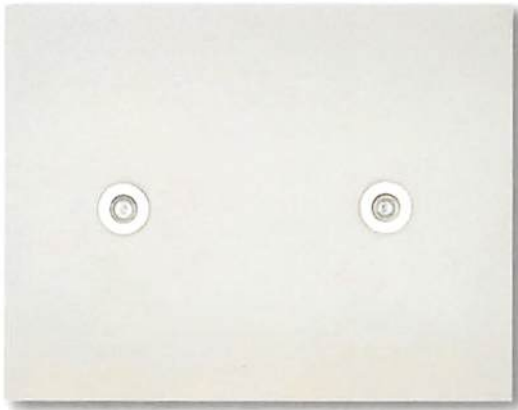


Shown in clear coat oak with globe light, wood handrail and optional wood flooring.

All cabs come standard with unfinished flooring to allow for installation of tile, hardwood or other floorings of your choice.

Longport

Bright, fresh and airy, the Longport offers white painted interiors with applied picture framing, brushed stainless handrail and a matching flat ceiling.



Flat ceiling with globe or 2 recessed lights standard. Picture framing on ceiling and additional recessed lights available.



Brushed stainless handrail standard



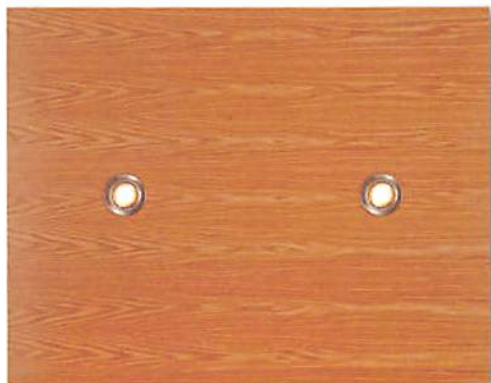
Shown in standard white lacquer finished with stainless steel handrail, 2 recessed lights, and custom flooring installed by contractor.

Whether you are looking to increase resale value or add accessibility, no other home amenity can compare to the benefits you receive from the installation of a home elevator.



Avalon

Classic recessed panel designs in both 3 and 4 panel configurations. Offered in standard choices of oak, birch or maple with brushed stainless handrail. (Optional custom hardwoods, panel inserts and decorative appliqués available).



Flat ceiling with
2 recessed lights standard



Optional glass
panels available
on all models



3 panel design shown in maple
with globe light, matching wood handrail
and optional cinnamon stain
and wood flooring

4 panel design shown in
clear coat oak with brushed
stainless handrail, recessed
lights and optional wood flooring



Brushed stainless handrail standard

Brandywine

The ultimate in style and craftsmanship. Hand cut hardwood creates exquisite detail in this 4 panel recessed design. The quality and elegance of the coffered ceiling is nothing short of magnificent. Offered in standard choices of oak, birch or maple with brushed stainless handrail. (Optional custom hardwoods, panel inserts and decorative appliques available).



Coffered ceiling with
4 recessed lights standard



Detail



Shown in oak with optional chesnut
stain and wood flooring



Brushed stainless handrail standard.

Woods & Finishes

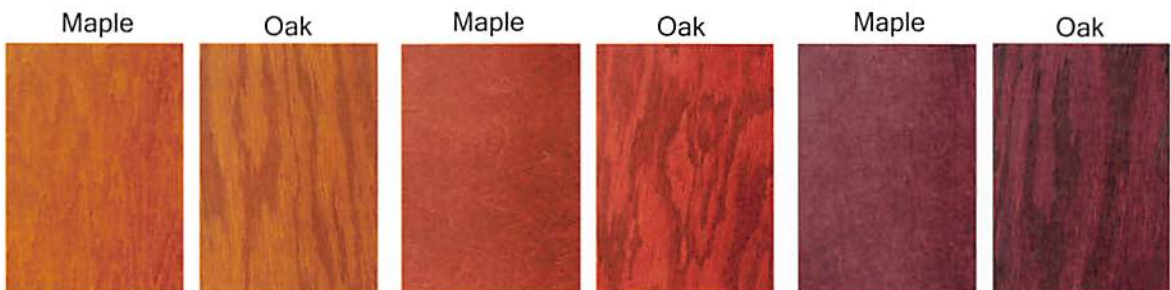
All cabs can be factory finished in a variety of colors to complement your individual style and taste. We use only the highest quality stains and finishes on our cabs. We are committed to producing nothing short of furniture grade wood work. Below is a list of our fine stain offerings shown on maple and oak.



— Antique White 17 — — Clear Coat 17 — — Butterscotch 17 —



— Honey Teak 17 — — Toasted Chestnut 17 — — Spiced Walnut 17 —



— Nutmeg 17 — — Cinnamon 17 — — Mahogany 17 —



— Walnut 17 — — Espresso 17 —

All woods are unique in color, density, and grain. Actual finished wood may differ slightly from the printed samples shown here. Please ask your project manager to view their samples for a better understanding of your choices.

Lighting & Gates

AHE offers both recessed and surface mount lighting to pair with your chosen ceiling design and to properly light your elevator cab. All lighting finishes are coordinated with car operating panel and phone box finish. Please see lighting and ceiling samples below.



Globe



Brass



Brushed
Stainless
Recessed



Tray



Picture Frame



Coffered



Flat Panel Ceilings

Vinyl laminate gates come standard in a variety of colors to match your elevator interior. AHE also offers numerous gate options such as hardwood veneers, perforated panels and clear and smoked acrylic inserts. Please visit our website for more options.



White



Light Oak



Birch



Cherry

Fixtures

AHE uses only the finest materials for our handrails and fixtures. Whether choosing brushed or polished stainless or brass, you can expect our fixtures to look like new for years to come.



Brushed stainless steel or brushed brass car operating panel and hall stations. Optional polished or oil rubbed finishes available.



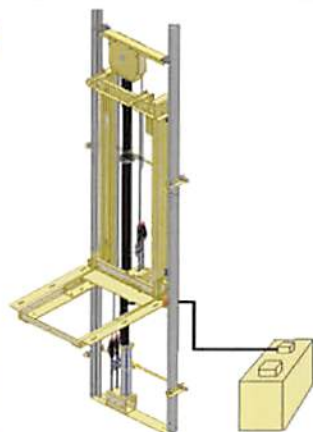
Brushed brass or stainless handrails available. Wood handrails available in matching wood stain or lacquered finish.

Specifications

AHE elevators are quiet, durable, and reliable, designed to be the safest in the industry. Specifications are as follows:

SYSTEM DESCRIPTION

- 950 lb. Capacity Standard
- 40 ft. per min. car speed
- Up to 6 stops with 50' ft. floor to floor travel
- 9" Minimum pit depth required
- 8'0" clear overhead recommended
- 7'8" available with reduced cab height
- Up to 15 sq. ft. interior cab size standard



EQUIPMENT SPECIFICATIONS - HYDRAULIC

- Heavy duty cantilever steel sling with smooth ride roller guides
- 8 lb/ft. Steel tee rail guide system
- 1 : 2 Roped hydraulic drive system with (2) 3/8" diameter steel hoisting cables
- Two speed, four coil hydraulic valve with soft start and stop
- Submersible pump and motor assembly for quiet, vibration free operation

EQUIPMENT SPECIFICATIONS - COUNTERWEIGHT

- Heavy duty cantilever steel sling with smooth ride roller guides
- Quad 6 lb/ft. Steel tee rail guide system
- 1 : 1 Counterweighted system with integral breaking
- State of the art VVVF drive for smooth start and stop
- All motor equipment located in hoistway at top of rails out of flood zone

CONTROL FEATURES

- Microprocessor based controls with uninterrupted battery backup system
- Electronically matched control and selector systems for smooth, reliable and consistent operation
- Automatic homing feature parks car at selected floor
- Automatic car lights with shut off timer
- In use and car here lights at every floor
- Low oil shutoff and protection

CAB FINISHES & OPTIONS

- Car interiors available in a wide selection of wood species, laminates, and customized panel inserts
- 84" interior height cabs with individually sized platforms up to 15 square feet
- Numerous cab opening configurations
- Solid panel accordion gates in many vinyl laminate, hardwood, aluminum, and acrylic insert options
- Automatic gate operators
- Numerous handrails available in matching wood species brushed or polished stainless steel or brass and bronze finish
- Car operating panels and recessed phone boxes available in brushed or polished stainless steel or brass and bronze finishes

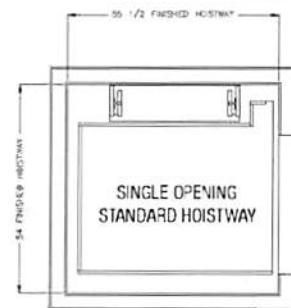
Preparatory Work by Others

HOISTWAY

Construct elevator hoistway in accordance with ANSI A17.1 and all local codes. No items not directly involved with the function of the elevator are allowed in hoistway.

Hoistway framework must be plumb and square within 1/2" over the entire rise. Hoistway doors to be installed plumb one above the other in accordance with A17.1 Rule 5.3.7.1.2.

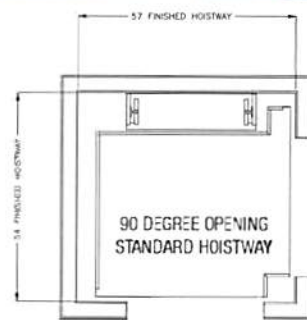
Adequate rail bracket support must be provided. Please contact factory or local dealer for specifics.



PIT

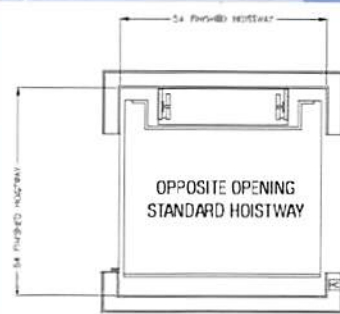
Construct Minimum 9" (12" recommended) pit to receive elevator at lower most landing. Pit dimensions shall be the same as the shaftway dimensions and be so constructed that the pit floor will bear the following loads:

Impact Load @ pit 4750 lbs.
Static Load @ pit 2900 lbs.



MACHINE SPACE

Provide adequate, code compliant machine space for elevator equipment adjacent to shaft with below listed electrical connections. Machine space shall be equipped with a light and duplex receptacle.



ELECTRICAL (located in machine space)

1. A Dedicated 220 VAC 30 AMP single phase power supply with 3 pole lockable, fused disconnect switch for elevator power, per N.E.C.
2. A dedicated 120 VAC 20 AMP single phase power supply with lockable, fused disconnect switch or circuit breaker for car lighting per N.E.C
3. Active phone line.



AHE Home Elevators

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YOUR LOCAL DEALER IS:

