

# EVACUATION CHAIR FREQUENTLY ASKED QUESTIONS



Frequently asked questions



## How many people does it take to operate an evacuation chair?

The Evac+Chair® range is designed and developed to offer a comprehensive evacuation chair experience suitable to fit your needs, giving you confidence that you have chosen the right evacuation chair specifically for your needs.

Depending which Evac+Chair® evacuation chair you decide is the most relevant for your situation, an Evac+Chair® evacuation chair can be used between 1-4 operators at a time. Here is our Evac+Chair® model guide noting how many people can operate our evacuation chairs.



EVACUATION CHAIR MODEL	NUMBER OF PERSONS TO OPERATE*
300H	1 PERSON OPERATION
500H	1 TO 2 PERSON OPERATION
600H	1 TO 4 PERSON OPERATION
POWER 800	1 TO 4 PERSON OPERATION
700H - IBEX TRANSEAT CHAIR	1 TO 2 PERSON OPERATION
200H CARRYLITE TRANSIT CHAIR	1 TO 4 PERSON OPERATION

[\\*Rectangular Snip](#)

\*Only 1 operator is required but each chair is designed to allow additional assistance, based on the situation

## Can an Evac+Chair® evacuation chair go upstairs?



Evac+Chair® offers various evacuation chairs that are suitable for ascending stairs. We offer both manually operated and powered evacuation chairs. The Evac+Chairs® suitable for ascending are:

### Evac+Power 800

The Evac+Power 800 offers one of the most complete evacuation experiences possible. As a motorized evacuation chair the Evac+Power 800 offers a smooth controlled movement for both ascending and descending stairs.

A point of consideration is who will be using the evacuation chair when ascending. The Evac+Chair® is ergonomically designed to minimize physical impact on the operator, it is worth thinking what you are asking your team and individuals to undertake in the event of an evacuation.

### 600H

This evacuation chair offers manual lift handles at both the front and rear of the Evac+Chair®. This enables operators to lift while maintaining positive posture.

### 700H Ibex Tran-Seat

The Ibex Transeat is designed for patients that may not be able to go up and down the stairs, the EVAC+CHAIR®, IBEX Tran-Seat transport stair chair safely ascends and descends stairs without the need for carrying or heavy lifting. The IBEX 700H medical transport chair model requires two-person operation and reduces the physical demands on the operators during the safe evacuation while reducing the risk of muscle strain and hernia and back injury. Ideal for spiral and tight stairways,

## Are there any special attachments needed for the Evac+Chair® evacuation chair?



Evac+Chair® offers a complete evacuation chair experience. We do offer additional Evac+Chair® products and services. With our evacuation chairs everything you need is in the box to start. Every Evac+Chair® is ready to be deployed immediately, no gimmicks or 'add-ons' just peace of mind.

**Inside of an Evac+Chair® box you will find the following items:**

- An evacuation chair
- A dust cover for your evacuation chair
- Wall brackets
- A user manual for your model of Evac+Chair®
- A photo luminescent sign.

[Return to top](#)

## Can the person seated in the Evac+Chair® fall out?



Quite simply no. Our evacuation chairs work using gravity and friction. Being the pioneers of the evacuation chair, Evac+Chair® has always put passenger safety first.

The weight of the passenger in the Evac+Chair® helps keep the evacuation chair on the stair nosing. It is important when using any of the Evac+Chair® range to keep hold of the evacuation chair at all times and not to let go. The Evac+Chair® is designed to minimize weight bearing for the operator, so please ensure you follow the instructions or training methods for using your Evac+Chair®.

From a passenger's perspective using any of Evac+Chair® products, it is important the passenger does not reach or extend, such as grabbing onto the bannister while the evacuation chair is in motion. The operator should always advocate for them to keep their arms folded while in the evacuation chair. Constant communication will help keep the passenger calm, by allowing them to understand what you are doing, and more importantly why you are doing it.

## How strong does a buddy need to be to use the Evac Chair®?



Using an evacuation chair requires confidence and relying on the Evac+Chair® to do what it does best, grip on the stair edges. When familiarizing yourself with using the Evac+Chair®, it is important that you start with a lower weight and build confidence by increasing the weight with use and practice.

Clear instructions are available on all Evac+Chair® evacuation chairs enabling operators to have a visual reference of how to use their specific model of evacuation chair.

Elements of using an evacuation chair can also be practiced without anyone present. Deployment and storing an Evac+Chair® can be easily practiced on the spot. If you are unsure we would urge you to practice using the evacuation chair with no one to see how it works, and build the weight up over time to ensure you are happy and confident using the Evac+Chair®.

2+Person operated Evac+Chairs may require lifting when ascending stairs. It is important when using this evacuation chair that you have a strategy for who will operate this due to the strength that may be required.

## Is an Evac+Chair suitable for domestic use?



Evac+Chair® can be utilized in a variety of evacuation situations. From corporate offices covering multiple floors with high populations, to passenger airlines with particularly narrow stairs.

An evacuation chair is capable of being used in a domestic setting. However, we would advise you contacting one of our team members to discuss your specific requirements. We can also assess the suitability of your stairs in relation to using an Evac+Chair®.

## How long does it take to learn how to use an Evac+Chair® evacuation chair?



Evac+Chairs are simple and easy to use. Instructions are always available with our evacuation chairs. We provide an instruction booklet, and we print the usage instructions on our evacuation chairs to ensure a reference is always available.

If your Evac+Chair® has been purchased with a specific individual in mind, ask them if they are happy to try the evacuation chair themselves. This will help build both the operator and passengers confidence in the process, and help alleviate any anxiety both of you may be feeling prior to use.

Once you have the learned knowledge of how to use an Evac+Chair®, it is important to keep the skill set refreshed. When fire drills are being completed it is important to use the evacuation chair to familiarize yourself with its use and suitability for the evacuation route you plan to take.

Even though you may already be fluent with the use of the Evac+Chair® and its operation, personnel can change, for example student or workplace populations. In these situations, it is always worth reviewing the effectiveness of your current evacuation chair, and whether it meets the needs of the individual as well as the general population.



# How many Evac+Chair evacuation chairs do I need?



A range of factors are involved in deciding how many evacuation chairs are required for you. Points to consider are:

- Population of building or site.
- How many fire protected stairwells are at your facility.
- How many floors you need to cover.
- Is lower ground/basement evacuation a possibility?
- Is your facility available to the public?
- Are all floors accessible?
- How many responsible persons are available?
- Where is your meeting point in the event of a fire?
- How many person(s) have a mobility impairment you have already identified.
- How many people will need assistance in the event of an evacuation.

As you start to build a picture of your situation and the potentials involved you will start to highlight the specific needs and coverage required to ensure a safe evacuation is possible. Coverage can be measured as such:

## Low

Able to offer some form of evacuation in the event of an emergency. User maybe required to travel some distance horizontally or vertically to gain access to evacuation chair or similar equipment.

## Medium

Evac+Chair available within the current stairwell requiring travel and carrying to bring to the passenger waiting to be evacuated.

## Optimum

Evac+Chair immediately available situated in a safe area or point of refuge enabling safe transfer and suitable time for evacuation.

We always urge our customers to review their coverage as their environment changes. Positioning and availability of evacuation chairs is essential to maintaining an effective evacuation strategy.

## Are Evac+Chair evacuation chairs a requirement?



As detailed in the NFPA Life Safety Recommendation and by the ADA it is required that each building is to have accessible means of egress (ADAAG 4.1.3(9), 4.3.10), but does not specify a solution. During most emergencies, the preferred method of egress — elevators — are out of service for safety reasons. The EVAC+CHAIR® serves as an effective means of exiting a multistory building for handicapped or incapacitated individuals. THE EVAC+CHAIR® CAN BE YOUR SOLUTION!

### FURTHER LEGISLATION

#### United States Access Board Required Compliance with the IBC

Evacuation plans and procedures should address the needs of all facility occupants, including those with disabilities. Mobility aids, such as emergency stair travel devices, also known as evacuation chairs, are available to transport people unable to use stairs. The Rehabilitation Engineering and Assistive Technology Society of North America (RESNA), [www.resna.org](http://www.resna.org), has developed consensus Standards for emergency stair travel devices through the American National Standards Institute (RESNA ED-1). It is important that evacuation chairs be located so that they do not obstruct required means of egress.

#### The Rehabilitation Act of 1973 Section 501:

Section 501 of the Rehabilitation Act prohibits discrimination on the basis of disability in Federal employment and applicants for employment. Federal agencies are required to make reasonable accommodations for qualified employees or applicants with disabilities.

#### Disability Discrimination & Reasonable Accommodation:

A reasonable accommodation is any change in the work environment to help a person with a disability apply for a job, perform the duties of a job, or enjoy the benefits and privileges of employment.

## **Americans with Disabilities Act of 1990:**

The Act prohibits discrimination against people with disabilities in employment (Title II), in public accommodations.

### **PART 1630—REGULATIONS TO IMPLEMENT THE EQUAL EMPLOYMENT PROVISIONS OF THE AMERICANS WITH DISABILITIES ACT**

Section 1630.2(o) Reasonable Accommodation: One of these is the accommodation of making existing facilities used by employees readily accessible to, and usable by, individuals with disabilities.

## **MARYLAND HOUSE BILL 1061:**

### **Education – Emergency and Evacuation Plans – Individuals With Disabilities**

Requiring the State Department of Education, in consultation with disability advocacy groups, to update specified guidelines to accommodate, safeguard, and evacuate students, staff, and visitors with disabilities on public school grounds; requiring each local school system, on or before July, 2018.

## **CALIFORNIA ASSEMBLY BILL 3098:**

The newly passed Assembly Bill 3098 implements new emergency and disaster plan requirements for all Residential Care Facilities for the Elderly (RCFE's) in California. Each RCFE must have an evacuation chair at each stairwell by July 2019.

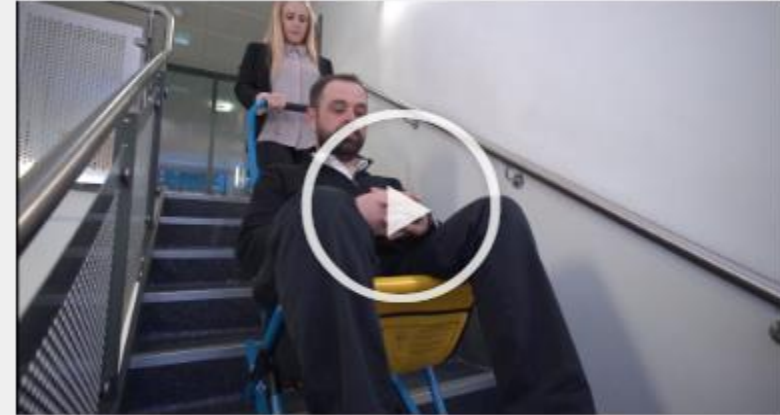
## About Evac+Chair® evacuation chairs



This video gives you information on why evacuation chairs are required, in what situations an evacuation chair should be used, what models of evacuation chairs are needed for differing circumstances, plus our other evacuation products.

<https://evac-chair.com/wp-content/uploads/Watch-the-Evac-Chair-video-1.jpg>

## Evac+Chair® 300H evacuation chair demo



The 300H demo video shows the 300H evacuation chair in operation, it gives an overview of using the chair including deployment, and stairway descent. The same principle also applies to our 500H and 600H evacuation chair models.

<https://evac-chair.com/wp-content/uploads/300H-Demo-Video.jpg>

## Evac+Chair® Power 800/900 Chair demo



This demo shows how the 800 & 900 battery-powered, electric stair chairs can be used for emergency evacuations and daily patient transport, to safely and easily move a passenger up or down multiple flights of stairs without the need for carrying or lifting.

<https://evac-chair.com/wp-content/uploads/Power-800-Demo-Video.jpg>

## Evac+Chair® evacuation chair training video



This Evac+Chair training video shows a typical emergency situation and how the chair is utilized in that particular instance, detailing how to use from opening the chair, taking the passenger down the stairs and finally getting the passenger to a safe refuge.

<https://evac-chair.com/wp-content/uploads/Chair-on-wall-for-Video.jpg>

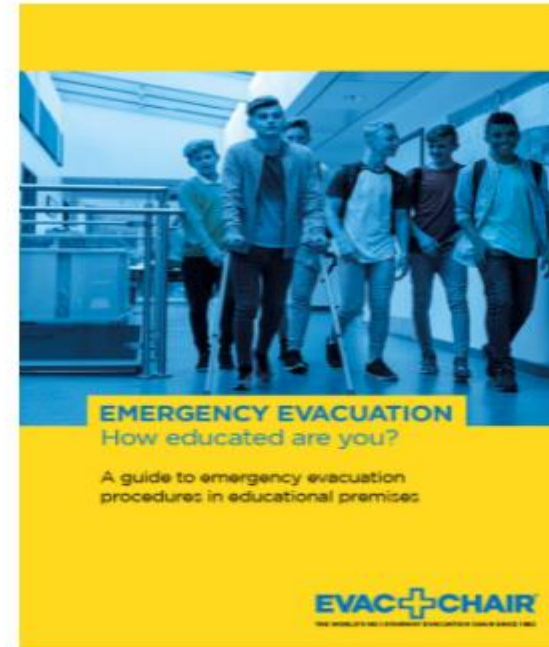
## Evac+Chair® 700H Ibex Transeat video



This selection of short animated video's shows how the EVAC+CHAIR 700H is used to take passengers up and down the stairs, the EVAC+CHAIR®, IBEX Tran-Seat transport stair chair safely ascends and descends stairs without the need for carrying or heavy lifting.

<https://evac-chair.com/700h-demo/>

## EDUCATIONAL EVACUATION



The Evac+Chair guide to emergency evacuation procedures in educational premises

[DOWNLOAD GUIDE](#)

[https://www.evac-chair.com/wp-content/uploads/Evacuation-Checklist\\_Schools-1.pdf](https://www.evac-chair.com/wp-content/uploads/Evacuation-Checklist_Schools-1.pdf)



1. EVAC+CHAIR North America LLC makes no other warranty or representation expressed or implied except for the terms herein.
2. EVAC+CHAIR™ offers the original purchaser a lifetime product warranty, ensuring it is free from manufacturing defects affecting the reasonable operation of an EVAC+CHAIR™.
3. This warranty constitutes EVAC+CHAIR™'s entire warranty offered in respect to its evacuation chair models purchased in 2015 or later and covers no other products sold.
4. Warranty claims exclude expendable parts which are covered for a period of two (2) years. Expendable parts are those parts which are routinely replaced during inspection, repair or maintenance, as detailed in the EVAC+CHAIR™ maintenance guidelines.

---

An expendable parts list can be found at: [https://evac-chair.com/expendable parts](https://evac-chair.com/expendable_parts)

5. EVAC+CHAIR™ reserves the right for the original purchaser to return parts or products at their cost in order for a warranty claim evaluation. Any claims processed that are found not to be a manufacturing defect, EVAC+CHAIR™ is entitled to charge the customer in full for the repair/maintenance of the product.
6. Damage caused by vandalism or any unauthorized repair/alteration by user or any unauthorized service provider are expressly excluded and will void this warranty.
7. There is no warranty of merchantability and there are no warranties of fitness for any particular purpose.
8. In no event shall EVAC+CHAIR™ be liable for incidental or consequential damages arising from or in any manner related to sales or use of any such equipment.
9. This warranty is expressly limited to supplying replacement parts at the sole discretion of EVAC+CHAIR™ which are found to be defective.
10. No employee or representative of EVAC+CHAIR™ is authorized to change this warranty in any way.
11. All warranty claims must be made by the original purchaser in writing to EVAC+CHAIR™ North America LLC within 7 days following discovery of a basis for warranty claim.



## EVAC+CHAIR HELPING SUPERIOR SCHOOL DISTRICT WITH EMERGENCIES



*News item source – KBJR6*

<https://evac-chair.com/wp-content/uploads/KBJR6-News-Item-Image.jpg>

## EVAC+CHAIR SCHOOL EVACUATION CHAIRS

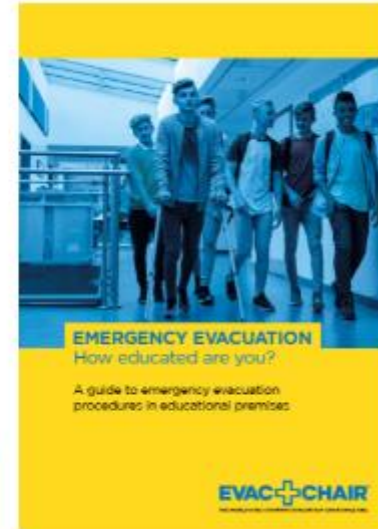


The Evac Chair® school evacuation chair is the World's No.1 evacuation chair and was inducted into the World Trade Center Museum. The Evac+Chair® is currently on display for saving the lives of several individuals that were confined to a wheelchair during 9/11.

**DOWNLOAD OUR COMPLETE GUIDE TO  
EVACUATING EDUCATIONAL PREMISES**

Includes advice on:-  
PLANNING CONSIDERATIONS  
EVACUATION STRATEGIES  
EVACUATION PLANS (GEEPS/PEEPS)  
EVACUATION EQUIPMENT  
PLUS AN EVACUATION CHECKLIST

**CLICK HERE TO DOWNLOAD**



[https://www.evac-chair.com/wp-content/uploads/Evacuation-Checklist\\_Schools-1.pdf](https://www.evac-chair.com/wp-content/uploads/Evacuation-Checklist_Schools-1.pdf)



