

EVAC+CHAIR®

Emergency Evacuation For Everyone

USER GUIDE

EVAC+CHAIR 900H POWER



CE UK CA TÜVNORD FIA ROSPA



IMPORTANT INFORMATION

1. Your Evac+Chair 900H Power should only be used by trained operators.
2. Operator training on your Evac+Chair 900H Power should be conducted in line with Evac+Chair guidelines, as stated in this user guide.
3. Our Operator and Key Trainer courses should be undertaken every 3 years, to ensure competency using the Evac+Chair 900H Power.
4. Ensure training records are maintained and up to date (see training record on page 4).
5. Quarterly practice with your Evac+Chair 900H Power is recommended, to ensure staff remain trained and competent.
6. Quarterly inspection of your Evac+Chair 900H Power is recommended, to ensure the integrity of the chair is maintained. See page 29 for information.
7. We recommend two-person operation for heavier payload passengers.
8. We offer service and maintenance contracts for your Evac+Chair 900H Power. See page 27 for more information. Only approved service and maintenance providers are endorsed by Evac+Chair International to carry out visual and physical checks and replace worn or broken parts, with genuine replacements. Should a third party, not approved by Evac+Chair International, carry out any services or maintenance this will invalidate your warranty.
9. Only genuine Evac+Chair parts should be used when maintaining your Evac+Chair 900H Power.
10. To ensure optimal performance of your Evac+Chair 900H Power, the Powered Belt Tracks should be rotated every 3 months.



WARNING: In the event of a gas leak, do not use the 900H Power or any other electrical equipment.

WARRANTIES & LIABILITIES

The Evac+Chair 900H Power is guaranteed for 5 years against defective material and workmanship. This does not include parts subject to wear, such as powered belt tracks, batteries, chargers or damage caused by abuse or sabotage, and/or other damage which has occurred due to a breaching of the guidelines contented in the User Guide or Training Manual. This includes getting your Evac+Chair serviced by a third-party company.

The battery included with the Evac+Chair 900H Power is guaranteed for 1 year against defective material and workmanship. This does not include damage caused by abuse or sabotage.

Neither the manufacturer nor their agents shall make recompenses for repairs carried out by third parties or be liable for any damage, either incidental or consequential to property or persons. If you, the customer, are dissatisfied with the product or service provided by Evac+Chair International, please contact our customer service team on +44 (0)121 706 6744 or enquiries@evacchair.co.uk.

Provision must be made to provide an alternative means of evacuation for the passenger in the unlikely event of power loss during an evacuation. Evac+Chair recommend an additional fully charged battery should be kept near to the 900H Power at all times, contact +44 (0)121 706 6744 or enquiries@evacchair.co.uk for more information.

CONTENTS

| | |
|-------|---------------------------------|
| 4-5 | Training & Maintenance Records |
| 6-9 | General Information |
| 10-11 | Deployment |
| 12-13 | Preparing for Passenger |
| 14-15 | Preparing for Ascent/Descent |
| 16-19 | Ascent |
| 20-21 | Descent |
| 22 | Battery Installation |
| 23 | Wall Bracket Installation |
| 24-25 | Storage |
| 26-27 | Training & Maintenance |
| 28 | Accessories |
| 29 | Visual Inspection |
| 30-31 | Battery Maintenance Guidelines |
| 32 | Troubleshooting |
| 33 | International User Guide Online |



International User Guide Online
evacchair.co.uk/user-guides



TRAINING RECORD

| Trainee Name | KT / OT* | Training Date | Expiry Date | Trained by |
|--------------|----------|---------------|-------------|------------|
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* KT = Key Trainer * OT = Operator Trainer

MAINTENANCE RECORD

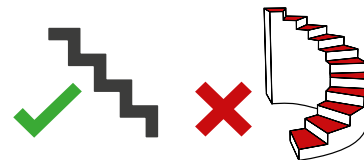
| Date | Service or Inspection | Belts Changed | By | Company |
|------|-----------------------|---------------|----|---------|
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NOTE: Powered Belt Tracks should be rotated every three months.

900H POWER



Intended Use: The 900H Power is specifically designed for transporting one passenger at a time during emergency and non-emergency evacuations. Please read this user guide in full. Should you have any questions, please contact your Evac+Chair Account Manager or authorised Evac+Chair distributor for more information.

SAFE WORKING LOAD**FOR ASCENT AND DESCENT****NOT SUITABLE FOR SPIRAL STAIRCASES****MAINTENANCE
(STRONGLY ADVISED)****TRAINING
(STRONGLY ADVISED)****MANUFACTURERS
WARRANTY**

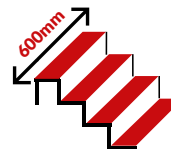
*5 year warranty applies to your 900H Power chair only. The Lithium-Ion battery has a 1 year warranty

ADVISORY

*Two-person operation is advised for heavier passengers

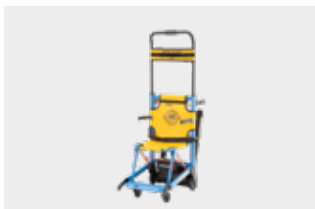
STAIR ANGLE

28° — 40°

MINIMUM ALLOWABLE STAIR WIDTH

WHAT IS INCLUDED?

CHAIR



BATTERY



BATTERY CHARGER



BATTERY ANTI-THEFT KEY



USER GUIDE



SAFETY HARNESS



DUST COVER



WALL BRACKET & FITTING KIT

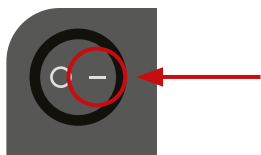
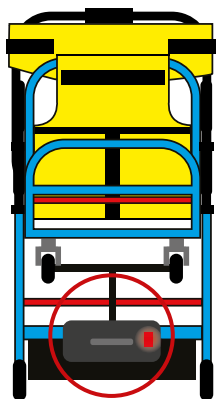


PHOTOLUMINESCENT SIGN



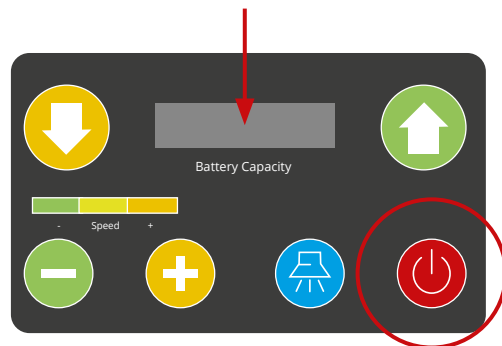
CONTROL PAD FEATURES





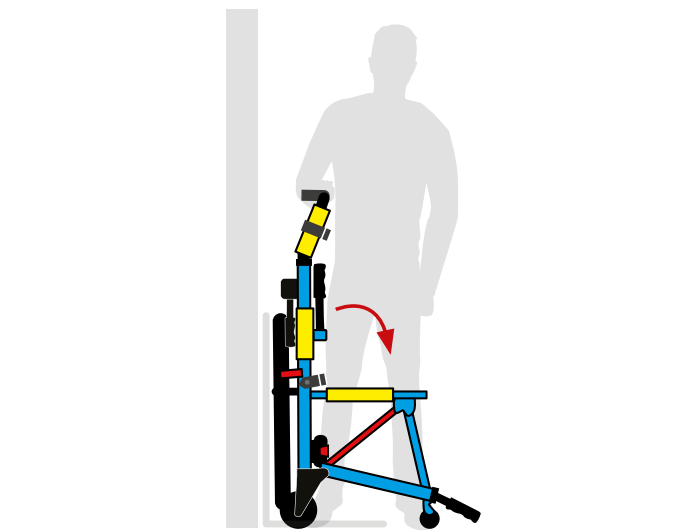
With the chair in the stored position, check that the battery is correctly fitted into the battery station, located underneath the seat. Ensure the power button is switched 'ON'.

The battery will flash when on.



Check that the battery has a minimum of 40% charge before using. Battery capacity should be checked when chair is stationary.

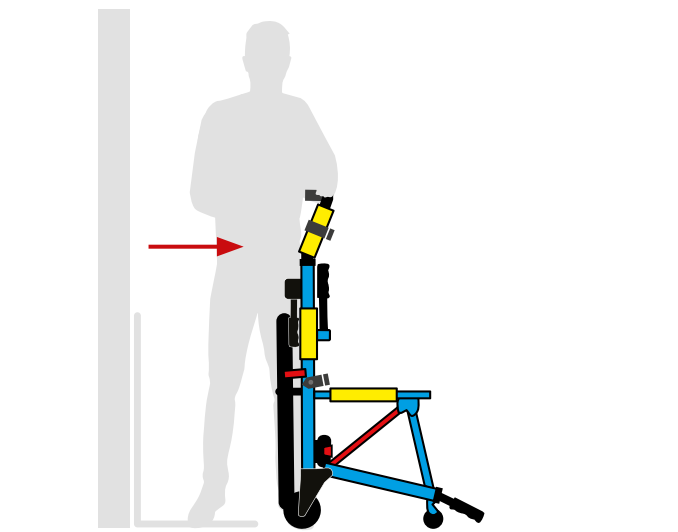
NB. Charge the battery for 5 hours before using for the first time. More information about the battery can be found on page 22.



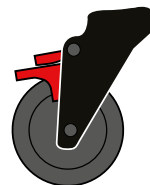
Locked



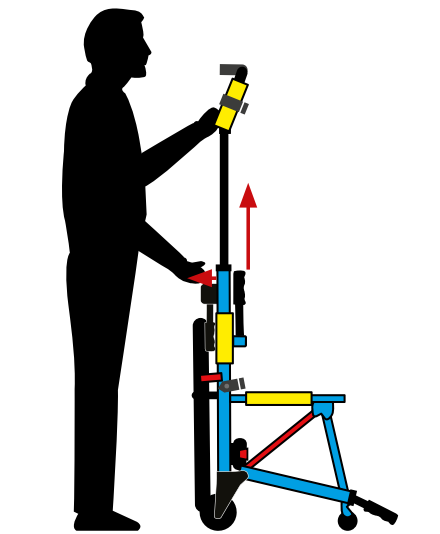
With the brakes on, open the chair by pulling the seat frame down until the chair is on all four wheels.



Unlocked

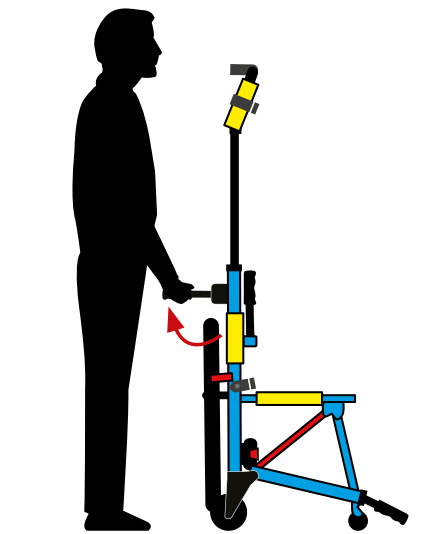


Release brakes and remove the chair from the wall bracket/stand.

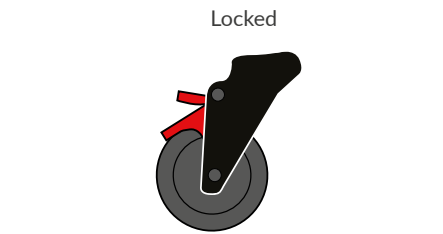


Pull and hold the red release bar whilst simultaneously pulling the telescopic handle upwards.

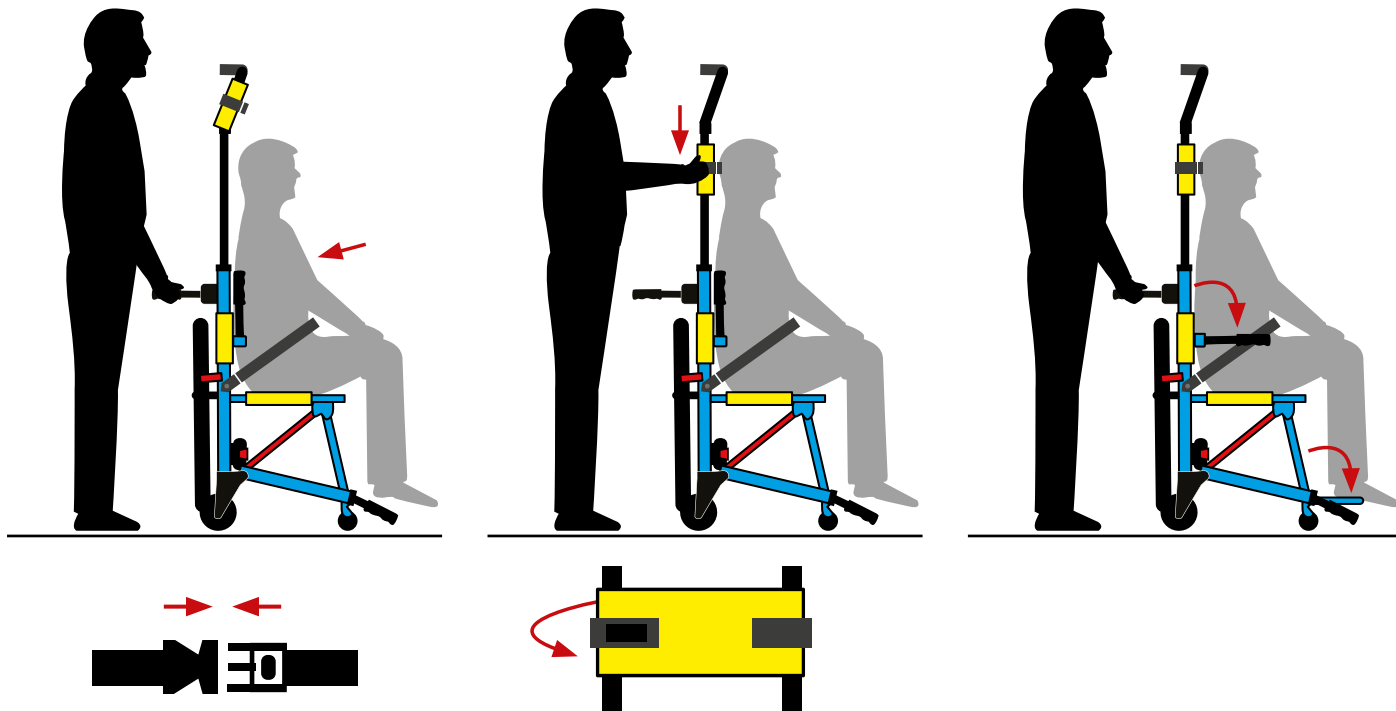
NB: Ensure the handle fully engages with the holes in the telescopic handle.



Raise the pushing handles until they lock into place; you will hear a 'click'.



Apply the brakes on both rear wheels.

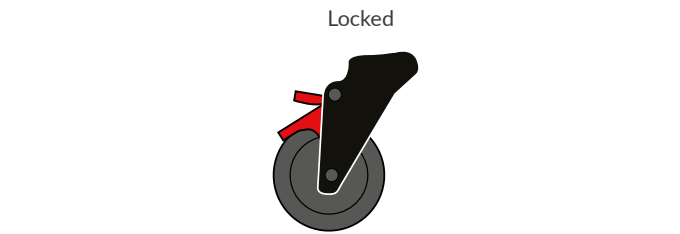
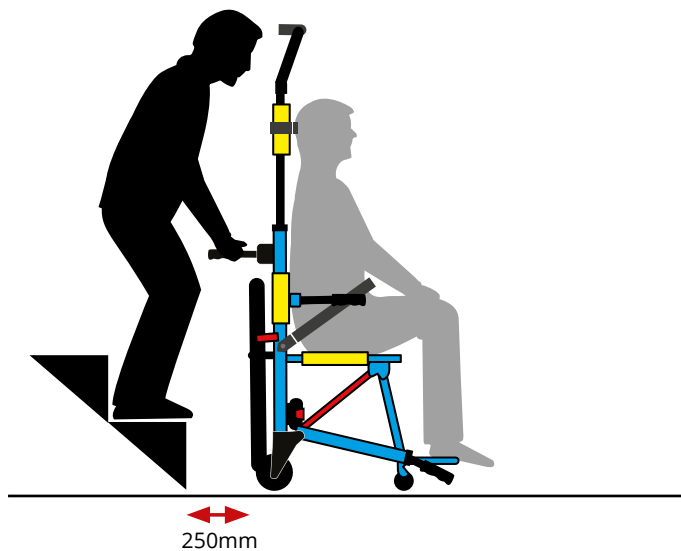


Whilst holding the chair, allow the passenger to sit and fasten their seat belt.

NB: Additional seat belt straps are supplied. These are simply affixed to the seat frame for additional support and safety for the passenger

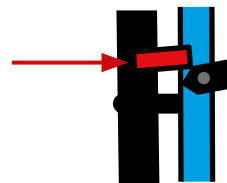
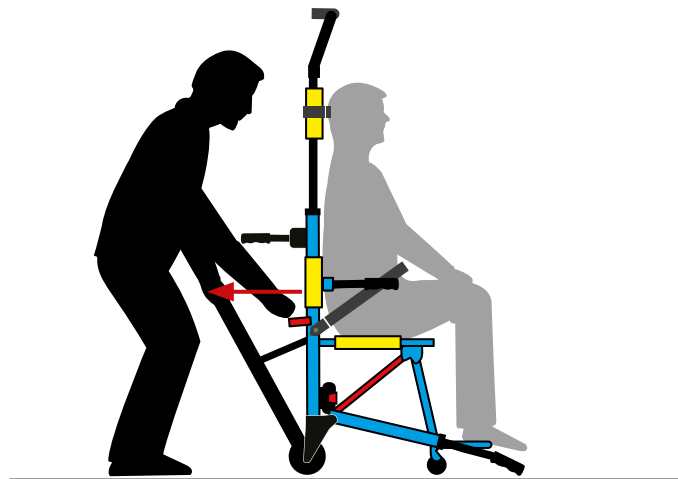
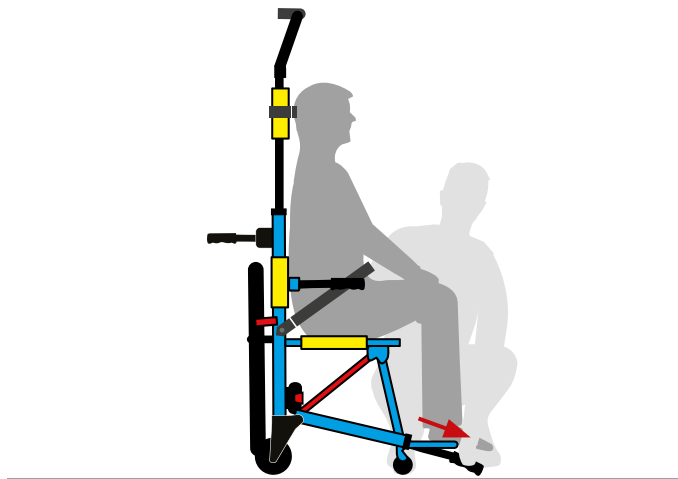
Slide the head support into position and fix in place by tightening the hook & loop either side of the handle. Ensure the head support remains fixed in position.

Deploy armrests and footrest, if needed.



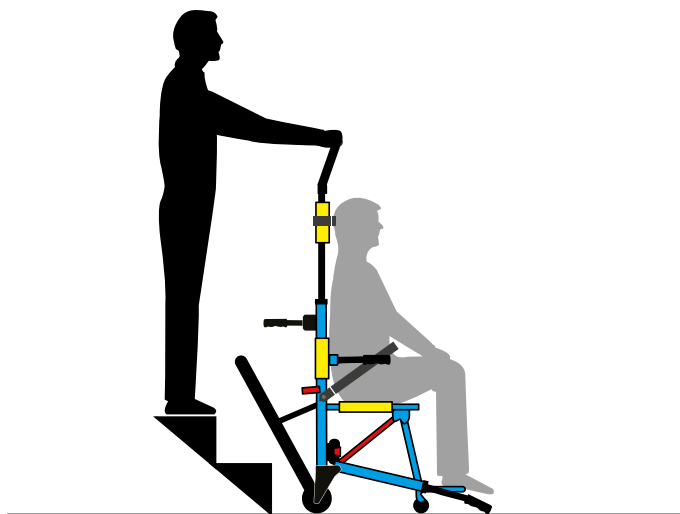
Release brakes and manoeuvre the chair to a safe landing/ refuge area. For ascent, leave a small gap between the chair and the bottom stair.

Apply the brakes on both rear wheels.

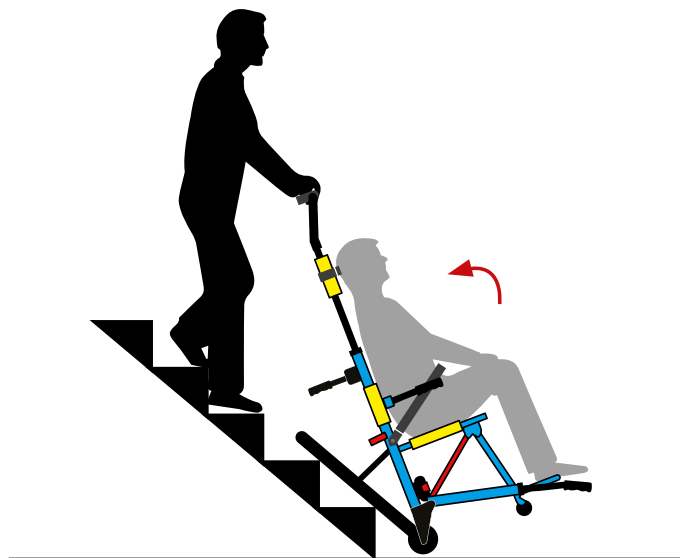


If two-person operation is required, pull the ascending control handles out to the desired position.

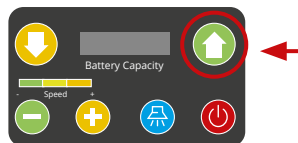
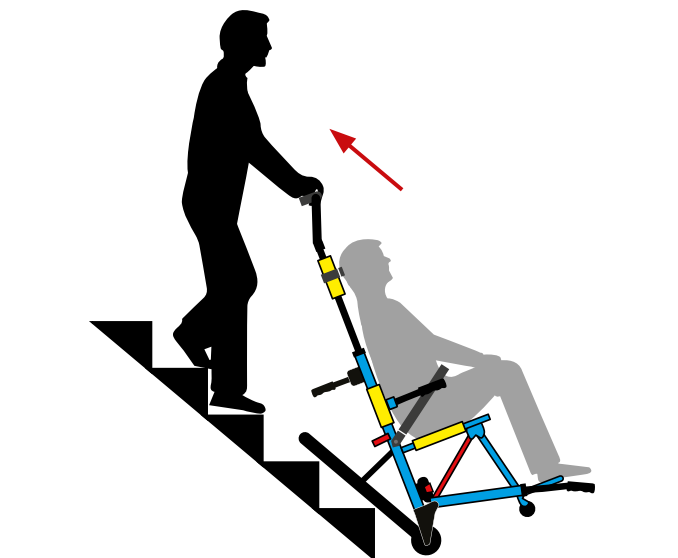
To deploy the Powered Belt Track, push the red lever outwards to the right, whilst pulling the stabilising bar on the track towards you.



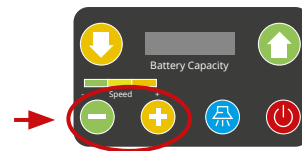
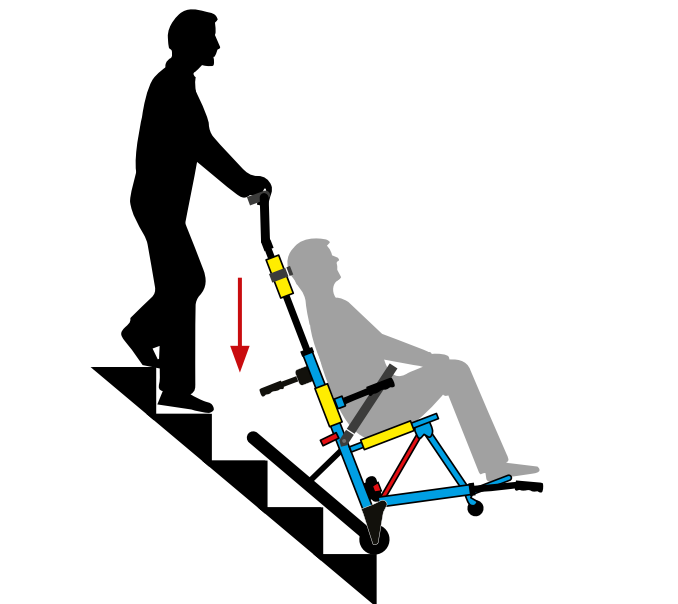
Step onto the stair and place hands either side of the control pad. The chair should be approx. waist height when stood on the second stair.



Place one foot in front of the other (on separate stairs, if necessary), tilt the chair backwards towards the stairs until the tracks make contact with the stairs. Ensure the tracks make four points of contact with two stair nosing's.

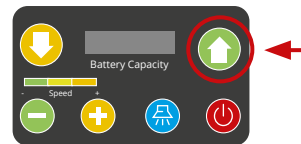
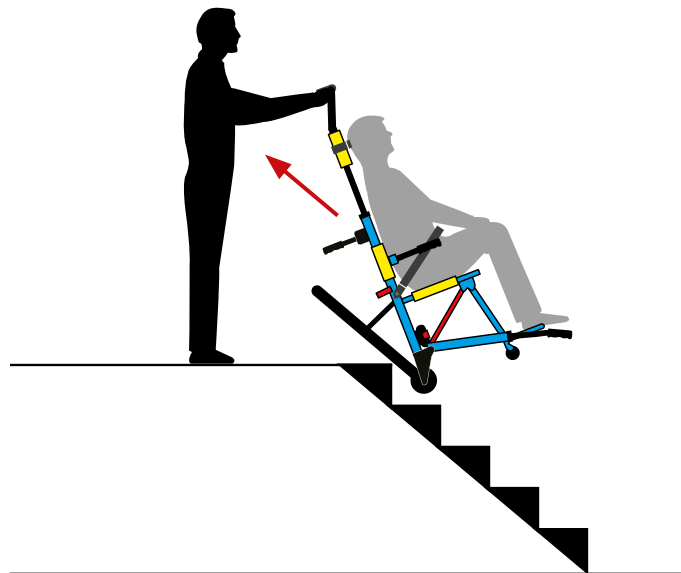
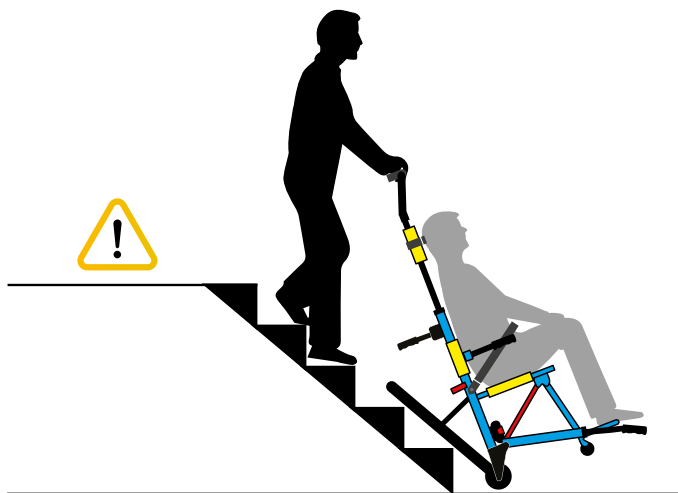


Using your thumb, press and hold the 'UP' button while hands remain on the handle.



Press handle firmly downwards, into the stairs while ascending, keeping one foot in front of the other. Speeds can be adjusted at this point using the '+' and '-'.

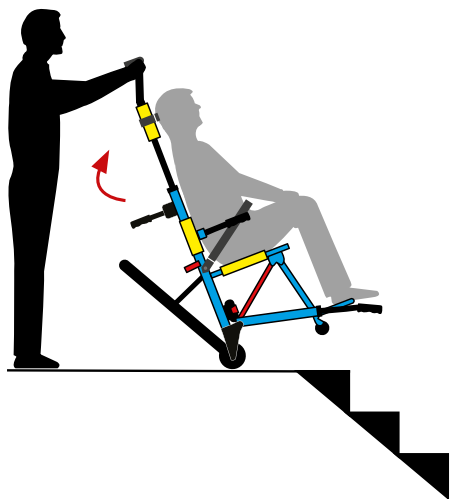
NB: Keeping the pressure applied to the handle, will ensure a smooth evacuation for the passenger.



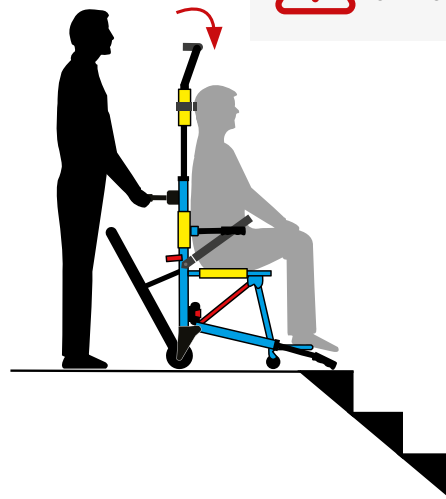
CAUTION

When approaching the top of the flight of stairs, ensure the landing area is free of obstacles or obstructions.

Whilst moving from the top step to the top landing, continue to hold the 'UP' button while walking backwards and smoothly move the extension handle from waist height to chest height. Maintain steady control of the chair while stepping backwards. Speeds can be adjusted at this point using the '+' and '-' buttons.



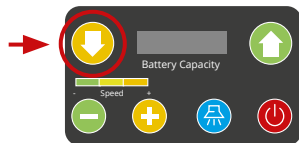
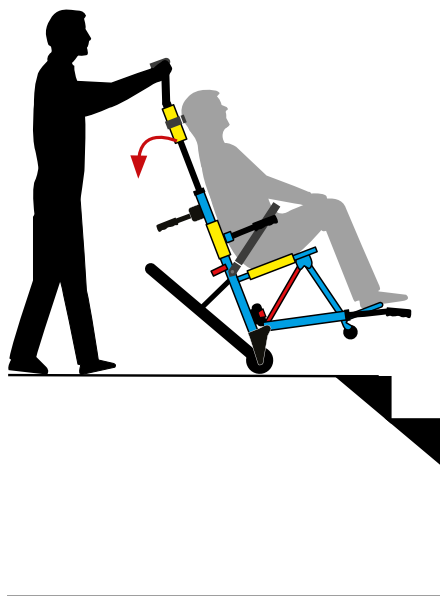
Once the front wheels have enough clearance from the top step, release the 'UP' button to allow a safe four-wheel landing.



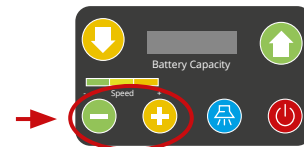
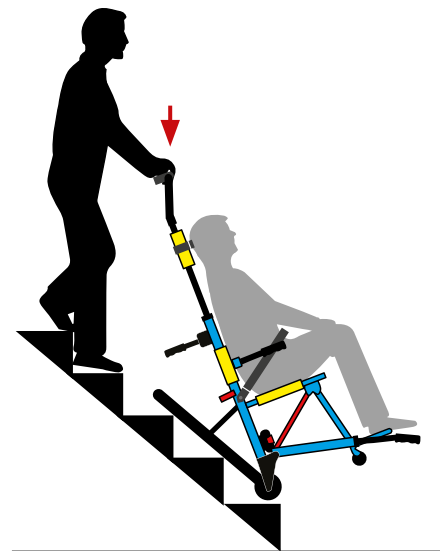
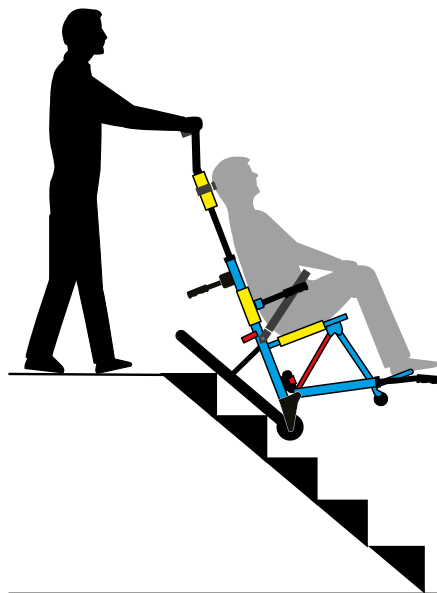
Tilt the chair forward until all four wheels are on the floor. Change hand placement from the extension handle to pushing handles to manoeuvre.



WARNING
Turn Battery Off After Use.



When the chair is positioned at the top of the stairs, with one foot in front of the other, tilt the chair backwards. Hold the 'DOWN' button, the chair will begin to move forwards. Move with the chair and descend over the top stair.



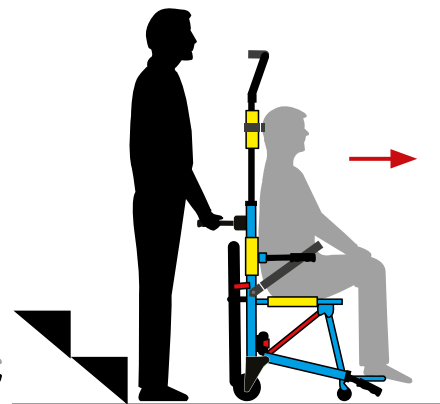
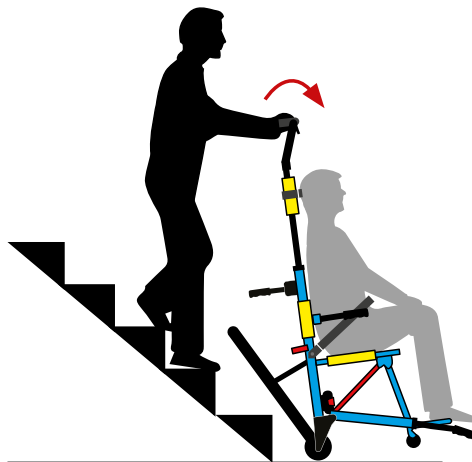
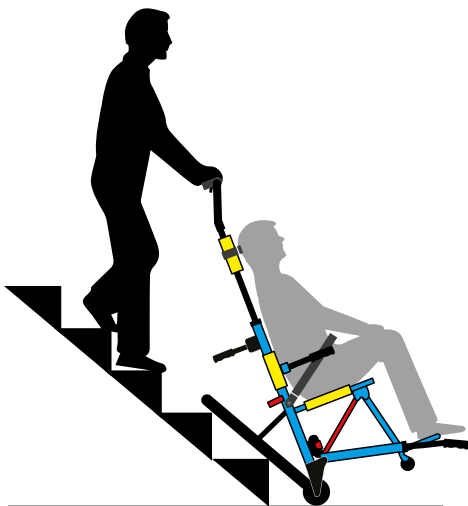
The chair will begin to descend down the stairs, the extension handle will move from chest to waist height.

Descend at a normal walking pace, keeping one foot in front of the other, firmly pressing the handle downwards into the stairs. Speeds can be adjusted at this point using the '+' and '-'.

NB: Keeping the pressure applied to the handle, will ensure a smooth evacuation for the passenger.



WARNING
Turn Battery Off After Use.



Once the rear wheels make contact with the ground, allow the chair to move forwards until there is a gap between the chair and the first step, then release the 'DOWN' button.

Tilt or push the chair forward until all four wheels are on the floor.

Transition hand placement from extension handle to pushing handles and manoeuvre the chair safely away from landing area, to the designated evacuation zone.

BATTERY INSTALLATION

BEFORE FIRST USE CHARGE THE BATTERY FOR A MINIMUM OF 5 HOURS USING THE SUPPLIED BATTERY CHARGER.

- 1** Remove battery from packaging.
- 2** Place battery into the battery holder on the chair with the contacts facing downwards.
- 3** Turn the battery on using the battery power button located at the rear of the battery.
- 4** Turn the control pad on and check the battery charge status. We recommend that there is a minimum of 40% battery charge for any usage.
- 5** If the battery needs charging, use the supplied battery charger.

**WARNING**

Turn Battery Off After Use.

In the event of a gas leak do not use the 900H Power.



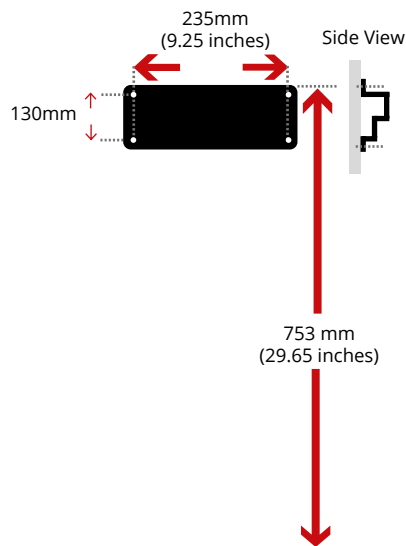
CHARGE TIME: 5 HOURS

FLIGHTS OF STAIRS: 150

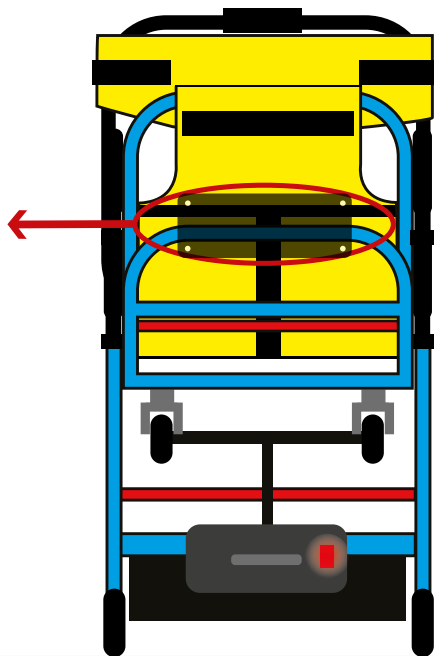
BATTERY WARRANTY: 1 YEAR

BATTERY LIFE HOURS: 90 MINS

WALL BRACKET - FOR WALL MOUNTING



Back



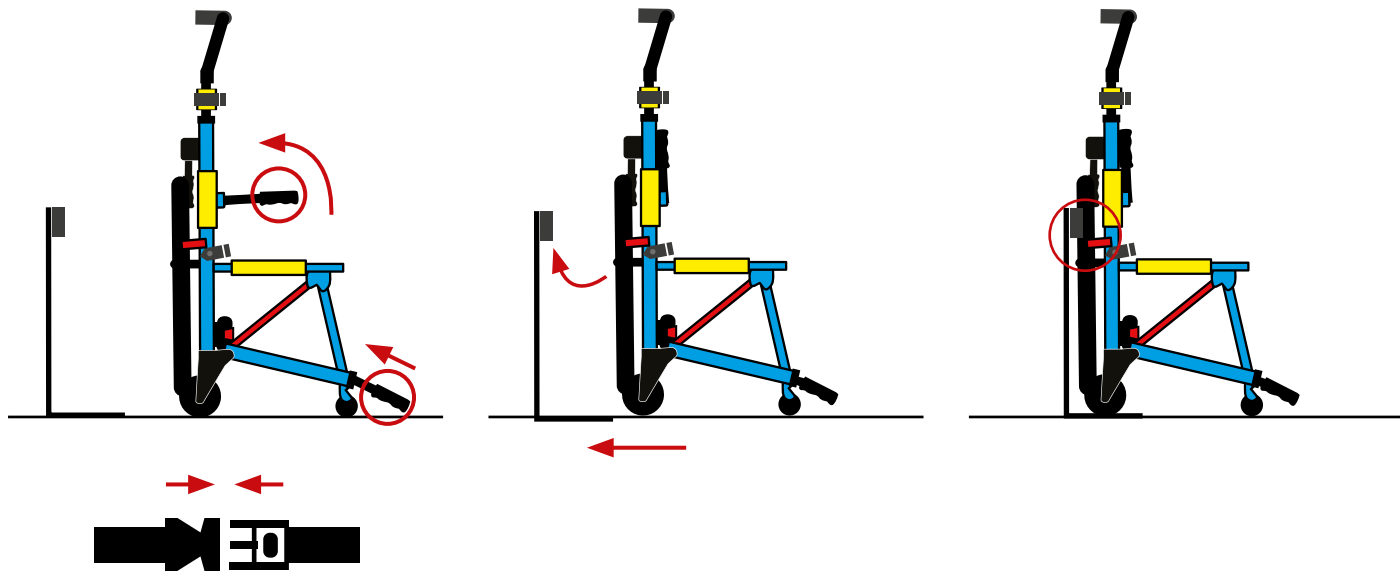
INSTALLATION

Evac+Chair, or an authorised distributor, can install your evacuation chair as well as provide expert advice and guidance on the most effective locations within your building.



[evacchair.co.uk /maintenance](http://evacchair.co.uk/maintenance)





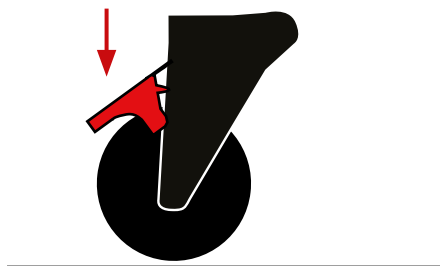
Store extension handle and armrests.
Ensure seat belt is fastened and placed
on chair seat.

With chair tracks in the stored position,
line up welded stabilising bar and wall
bracket clips/stand.

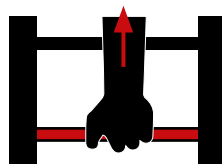
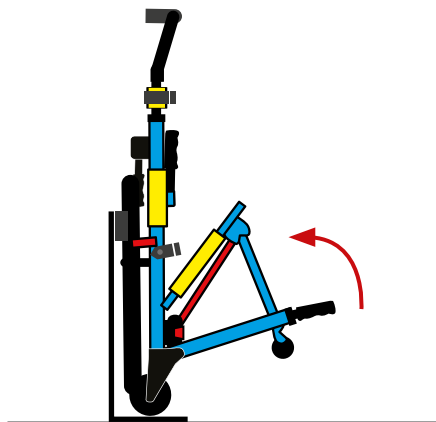
Push chair into the wall bracket/stand -
ensure both wall bracket clips have fully
engaged with the stabilising bar.



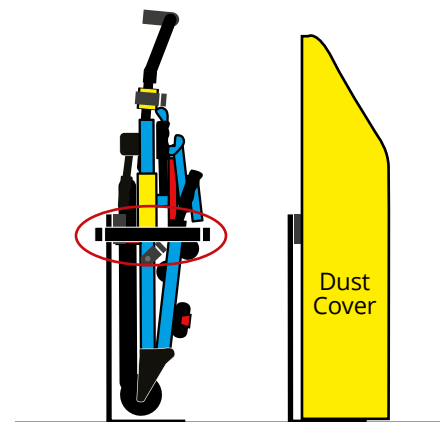
WARNING
Turn Battery Off After Use.



Apply both rear wheel brakes.



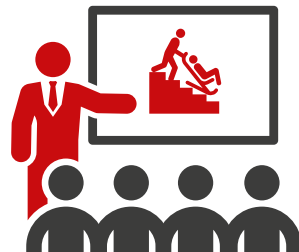
To store the chair, pull the red lever underneath the seat, downwards and towards yourself whilst pushing the seat frame upwards.



Once the chair is securely fitted onto the wall bracket/stand, loop the straps provided around the front of the chair and clip the buckle together. Pull the strap to tighten and secure the chair.

TRAINING

DO YOU HAVE TRAINED OPERATORS?



REASONS TO BE TRAINED:

- 1** To adhere with legislation such as the Regulatory Reform Order 2005 (UK Only).
- 2** Renew your three year certification for chair use.
- 3** Training multiple employees means more people are able to operate and assist.
- 4** Be able to confidently operate the chair in your premises.
- 5** Ensure you comply with your evacuation policy.

Operator Training Course

A 2.5-hour training course designed to train delegates how to safely and correctly use an Evac+Chair. The course enables delegates to have hands-on experience in operating and deploying the Evac+Chair and provides guidance on the safe evacuation, of the mobility impaired.

Key Trainer Course

A 4-hour training course designed to train delegates how to safely and correctly operate an Evac+Chair, as well as providing the practical and theoretical skills to train and certify others. This course is designed for organisations with large numbers of people who require the flexibility to train in house.

Our training courses are suitable for 2-4 delegates. On successful completion, each delegate will be certified for three years.

To discuss your training requirements, please call
+44 (0) 121 706 6744

evacchair.co.uk/training



SERVICE & MAINTENANCE

HAVE YOU ARRANGED A SERVICE AND MAINTENANCE CONTRACT?



Your Evac+Chair should be regularly serviced and maintained to ensure its safe operation. This requirement is included within the PUWER Regulation (Provision and Use of Works Equipment Regulations 1998 - UK only).

Our maintenance contracts provide you with complete peace of mind that you are covered and should you have an emergency evacuation situation, your chair will be fully operational. Our contracts include labour and genuine replacement parts, ensuring your Evac+Chair is kept fully operational and meets legal requirements.



To discuss your maintenance requirements, please call
+44 (0) 121 706 6744

evacchair.co.uk/maintenance



ACCESSORIES

DUST COVER



POWERED CHAIR STAND



PATIENT CARRY SEAT



RECEPTION NOTICE



ANTI-THEFT DEVICE



BATTERY



For more information on these accessories visit:

evacchair.co.uk/accessories



VISUAL INSPECTION

WE RECOMMEND YOU CARRY OUT A QUARTERLY INSPECTION TO ENSURE THE INTEGRITY OF THE CHAIR IS MAINTAINED.



Please contact Evac+Chair, or an authorised distributor **immediately** if any of these defects appear on your chair.

DEPLOYMENT/STORAGE



- + Ensure chair deployment is smooth
- + No interference when chair is deployed or stored
- + Ensure the Powered Belt Track extends and retracts correctly

CHECK WHEELS



- + No cracking of wheel or hub
- + No splitting of wheels
- + No malfunction of rear wheel brake
- + Ensure wheels are free to rotate without impediment

CHECK HAMMOCK



- + No obvious threading around seams
- + No ripping of hammock material
- + Check belt buckle operates correctly

CHECK HEADREST



- + No obvious threading around seams
- + No ripping of headrest material
- + Ensure headrest is free to move along handle

POWERED BELT TRACKS



- + No deep cracks or rips
- + No large humps or severe bulging

CHECK BATTERY



- + No broken seals
- + No cracks in casing
- + Check the screws are fastened
- + Check the anti-tamper label is intact
- + Check electrical points are free of debris

LITHIUM-ION BATTERY MAINTENANCE GUIDELINES

LITHIUM-ION RECHARGEABLE BATTERIES REQUIRE ROUTINE MAINTENANCE AND CARE TO ACHIEVE THEIR MAXIMUM BATTERY LIFE SPAN.

GENERAL

- + Ensure battery is fully charged every 3-6 months. Regularly check charge status.
- + Typical estimated life of a Lithium-Ion battery is 300-500 charge cycles.
- + One charge cycle is described as usage from fully charged to fully discharged and recharged again.
- + An average life expectancy for batteries that do not run through complete charge cycles is 2-3 years.
- + Rechargeable Lithium-Ion batteries have limited life and will gradually lose their capacity to hold charge. This loss of charge is irreversible.

CHARGING

- + Always follow the charging instructions provided.
- + Ensure charge port is kept free of dirt and debris, using the port cover provided.
- + Battery can be charged whilst fitted to chair.
- + The battery can be placed on permanent charge.

STORAGE

- + DO NOT place the battery near heating equipment, nor expose to direct sunlight for long periods.
- + Store preferably in a cool, dry, and ventilated area.
- + Keep the battery away from temperatures above 60°C (140°F).
- + Store the battery at temperatures between 4°C and 25°C (39°F and 77°F).
- + Warning: The battery will discharge during storage. Storing the battery at higher temperature (above 25°C/77°F) will reduce battery storage life. To preserve battery charge, turn battery off.

TRANSPORTATION

- + Check applicable local, national and international regulations before transporting Lithium-Ion battery.

DISPOSAL CONSIDERATIONS

- + Do not incinerate or subject cells to high temperatures. Dispose of in accordance with appropriate local regulations.

**WARNING****Turn Battery Off After Use.**

In the event of a gas leak, do not use the 900H Power or any other electrical equipment.

PRECAUTIONS

- + Keep away from heat/sparks/open flames/hot surfaces.
- + Keep battery away from children.
- + Keep free of dust and debris.
- + Stop use immediately if battery produces smoke and/or flames.
- + DO NOT use battery if damaged.
- + DO NOT electrically short.
- + DO NOT immerse in liquids.
- + DO NOT expose over a long period to humid conditions.
- + DO NOT use battery for an application for which it was not specifically designed.
- + DO NOT return Lithium-Ion battery without seeking our advice. Failure to do so resulting in an accident or incident will make you liable. We will provide guidance on how to safely return the battery however, we recommend it be stored safely and away from heat or water.

EXTINGUISHING MEDIA

- + Water, CO2.



TROUBLESHOOTING

IF BATTERY ISN'T WORKING AS DESCRIBED IN THIS USER GUIDE, PLEASE FOLLOW THE INSTRUCTIONS BELOW:

| Symptom | Remedial Action |
|----------------------------|--|
| Chair non-operational | - Check battery is installed and switched on |
| Battery not charging | <ul style="list-style-type: none"> - Turn battery off and on again and retry - Check plug is installed into battery adapter correctly – remove and reattach - Check plug is connected to a working plug socket - Ensure light comes on the battery charger (red if charging, green if fully charged) |
| Battery not turning on | <ul style="list-style-type: none"> - Ensure battery has been charged for at least 3 hours - Turn battery off and on again and retry |
| Control panel unresponsive | <ul style="list-style-type: none"> - Ensure battery is switched on via on/off switch located at back of battery (battery light should flash once) - Ensure control panel is switched on via power button on control pad - Check battery has been installed correctly |

Contact our Customer Services Team on:

+44 (0) 121 706 6744

enquiries@evacchair.co.uk

INTERNATIONAL USER GUIDE ONLINE



To view our downloadable User Guide please visit www.evacchair.co.uk/user-guides



Als u onze gebruikershandleiding online wilt bekijken, gaat u naar:



Um unser Benutzerhandbuch online anzuzeigen, besuchen Sie bitte:



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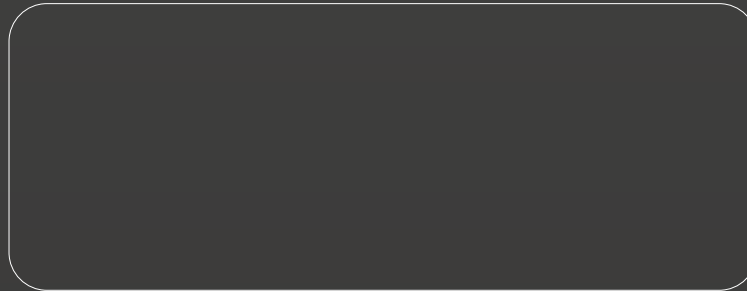
Aby wyświetlić naszą instrukcję obsługi online, odwiedź:




要在線查看我們的用戶指南，請訪問：



[evacchair.co.uk/user-guides](http://www.evacchair.co.uk/user-guides)



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