

# USER GUIDE

# ELVOR



Version 2.0

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## Warranty

The lift **ELVOR** is warranty for a period of one year after commissioning. This warranty covers parts and labour for any manufacturing defect or failure under a normal use of the lift. This does not cover warranty of merchantability for a specific use or need. Customer and ergo therapist are responsible to ensure this unit suit the needs of the limited mobility user. Also, Architect and building engineer are responsible to ensure this unit suit the building code and structure strength. Always try disable lift before purchasing, any order is assumed to be in conformity with local building codes and will be delivered as ordered. Dealers and installers are responsible to collect all permits before starting the installation.

# WARNING



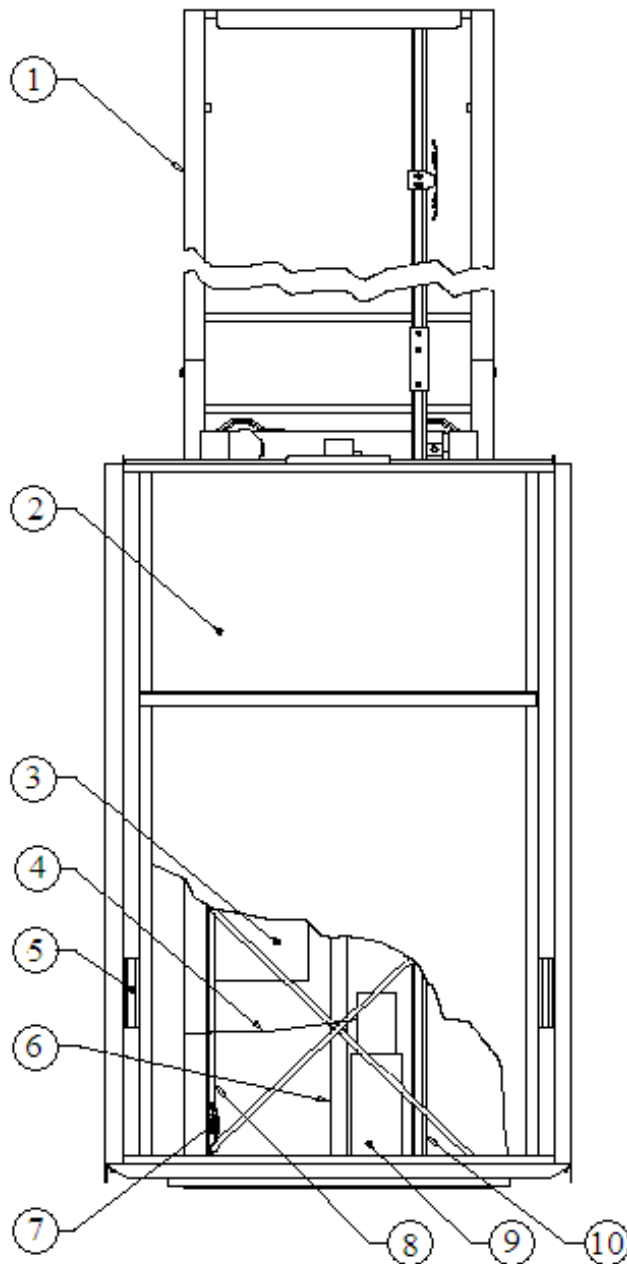
- This apparatus is not a freight elevator.
- Do not overload the apparatus.
- Make sure the apparatus remains dry at all times.
- Children should never step inside this apparatus, unless it is intended for a handicapped child.
- Should never be operated by children.
- Never climb on top of the cabin.
- Never go under the platform.
- Do not remove any components from the apparatus.
- Never try to repair this apparatus yourself.
- Only a professional technician, qualified to install this type of equipment, may perform repairs.
- Only the authorized maintenance described on page 12 may be performed by the owner.

## Apparatus features

Your **ATLAS ELVOR** elevator was designed and built in accordance with the current Canadian standard CSA/B355-09 (commercial). This apparatus is designed to carry one person in a wheelchair or one person in a wheelchair with one helper. This elevator has the following features:

- It can carry up to 340 kg (750 lb)
- Operating speed: 0,12 m/s (24 fpm)
- The platform is driven by a hydraulic cylinder, assisted by 2 aircraft-grade steel cables.

# Main components



1. Tower
2. Vehicle (cabin)
3. Controller
4. Hydraulic pump manual release cable (to lower the cabin in case of an emergency).
5. Cantruss profiled channel for the door interlock cams.
6. Hydraulic cylinder.
7. Parachute (left side)
8. Drive cable (left side)
9. Hydraulic pump.
10. Cantruss profiled channel for the limit switches and micro-leveling cams.

## Owner-performed maintenance

Only a qualified professional technician may install and service the technical aspects of this equipment. However, the owner is authorised to perform the following maintenance described below:

- Clean your ATLAS ELVOR elevator with a humid cloth and avoid scratches to the painted surfaces in order to preserve its "as new" appearance.
- In the event of a grid power failure, use the apparatus sparingly in order to avoid drainage of the backup batteries. The batteries will provide enough power for approximately 20 cycles (1 cycle = 1 up or 1 down movement of the platform).
- Any abnormalities, mainly oil leaks or unusual noise must immediately be reported to the manufacturer, its local distributor or to a qualified professional service technician.

## USE

- Unlock the call station if the equipment has restricted access.
- To call the platform at the desired landing, press and hold the call button until the platform stops at the landing.
- If the unit is equipped with automatic door openers, the door will open automatically when you reach the desired level.
- Enter inside the elevator.
- Select the desired level, press and hold the button constantly during the operation of the elevator.
- Once the platform stops by itself, press the button again to command the door to open automatically.
- Exit the elevator.

## Emergency Situation

- If the elevator stops working for some unknown reason, try to make the unit move by pressing the same button again.
- If this does not work, try to press the button of another level, as well as trying in the opposite direction.
- Place an emergency call using the telephone located inside the cab.
- Wait for help, do not attempt to repair or leave the elevator by yourself.
- Ask the people helping you out to apply the procedure for moving the platform in case of an emergency.

## Manual movement of the vehicle in an emergency

To manually move the elevator car in case of an emergency, perform the following steps:

- Open the junction box located near the bottom landing door by removing the screws;
- Pull on the manual release cable until the vehicle reaches the lowermost landing door;
- Once the emergency situation resolved, securely close the junction box.

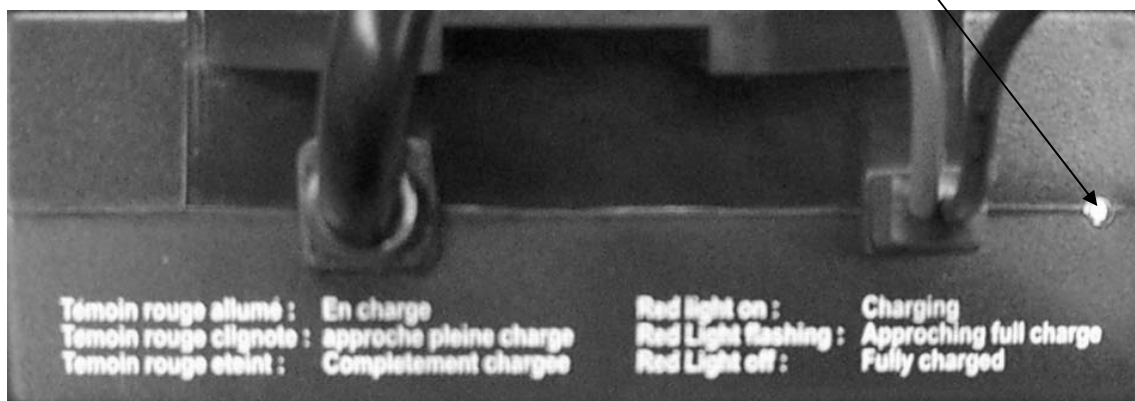


## Battery charger test procedure

This apparatus is equipped with a charger for each one of the 2 batteries. To check each of the chargers, perform the following steps:

- Disconnect the 2 chargers from the 120 volts AC outlet;
- Perform 3 to 6 platform cycles in order to partially discharge the batteries;
- Make sure that each charger is correctly connected to its corresponding battery: red connector to the positive terminal and the black connector to the negative battery terminal;
- Connect each charger to the AC outlet. Both chargers should now have the red indicator light on;
- Connect an ammeter to the red wire of the charger to be tested, in series with the positive terminal of the battery it is connected to;
- If the measured current is over 0,5 amps, the charger is working properly;
- When the battery is fully charged, the indicator light should remain off.

Red indicator light





# Troubleshooting

## Problem

The elevator platform is not responding to the control buttons.

## Verification

In order to troubleshoot your elevator, check the probable causes listed in the table below and apply the corresponding solution(s). If none of the provided solutions solve the issue, call the manufacturer or the distributor of your unit.

CAUSE	SOLUTION
Grid power failure (batteries charge depleted, if so equipped)	-Wait for grid power to return.
Apparatus has no more power from any source	-Call an electrician -Recharge the batteries -Reset the machine using the red button from disconnect (close, wait a few minutes and reopen)
One or more of the landing doors are not closed properly	-Make sure the door interlocks are properly latching the landing doors.
The cabin control buttons are not responding (locked).	-Unlock the control buttons using the provided key.