

CARELIFT

OWNER'S MANUAL





Congratulations on your purchase of a Carelift from Federal Elevator. We appreciate your business and are confident that the lift we carefully engineered, manufactured and installed will provide you and your clients with ease of use and accessibility for a long time to come.

This Owner's Manual is meant to provide you with basic operating procedures, emergency procedures, safety features, warranty and maintenance record. Please review this Owner's Manual to learn safe use of your lift and be sure to have it readily available for reference whenever necessary.

Please note that the lift shall be maintained by a Registered Contractor. This Contractor must be officially trained and certified by Federal Elevator.

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IMPORTANT NOTES

This is a commercial lift as defined in CSA B355-09 Lifts for Persons with Physical Disabilities.

The following shall be observed to ensure safe and reliable operation:

- Adhere strictly to the instructions and keep clear of any moving parts.
- Follow instructions on labels inside the lift. Contact a representative should the labels become damaged at any point.
- Stay back from entrance while the cab is operating.
- DO NOT jump up and down inside the lift.
- Children under the age of 15 MUST NOT operate the lift alone. They MUST HAVE adult supervision.
- Do not exceed the maximum weight that is specified for your lift.
- Do not use lift in case of fire.
- Always watch your step when entering or exiting the lift.
- Lock the wheels on your wheelchair while travelling in the lift.
- Only a trained mechanic shall be responsible for performing maintenance on the lift.



Car Operating Panel and Hall Stations

The Car Operating Panel (COP) buttons enable you to navigate the lift between landings. Once you choose desired level on the COP, lift will navigate to that level and the doors will open automatically (if applicable) for you to exit.

Hall stations will be present on every level that is serviced by the lift. The Hall station button will illuminate when a call is registered.

Below are some examples of COP's and Hall Stations available. Your unit may differ from these.



Car Operating Panel
located inside the cab



Hall Station



General Specifications


CARELIFT	
Rated Load Capacity	1000 (454lbs) or 1400 lbs. (635kg)
Cab Size	Choice of 36"x60" (914mm x 1219mm) 36"x54" (914mm x 1372mm) 36"x60" (914mm x 1524mm) 42"x60" (1067mm x 1524mm) or, 48"x60" (1219mm x 1524mm)
Maximum Travel	23ft. (7m)
Maximum Number of Stops	4
Cab Height	Choice of 80" (2032mm) or 84" (2134mm)
Pit Depth Required	8" Minimum (203mm)
Minimum Overhead Clearance	92" (2337mm)
Drive System	1:2 Roped Hydraulic
Motor	4HP (3kW) (5HP[3.7kW] Optional)
Control System	Constant Pressure
Rated Speed	30 feet per minute (0.15m/s)
Power Supply CW	600 volt, 3 Phase or, 208 volt, 3 Phase or, 230 volt, single Phase
Car Operating Panel	Stainless Steel (standard) Brass or Antique Bronze (optional)
Hall Stations	Stainless Steel (standard) Brass or Antique Bronze (optional)
Lighting Supply	115 volt, single Phase, 50 amps (15 Amp fused disconnect)
Hall Landings	36" Fire Rated Swing Door Hall Entrance at every landing
Cab Panel Finish Melamine	Choice of Summer drops (grey), White, Almondine (beige), Shiraz Cherry, Prestige Maple, Antiqua (walnut) or Palamino High (Oak).
Ceiling –Solid Melamine with Pot lights	White (Please speak to a representative for other options)
Control Panel Finish	Stainless Steel
Hall Station Finish	Stainless Steel
Floor Selection	Magnetic Selector
Flooring Material	Rubber flooring, choice of grey or brown
Additional Standard Features	<ul style="list-style-type: none">• 1 Stainless Steel Handrail • Instantaneous Safety Device• Emergency Battery Lowering • Emergency stop and alarm button at operating panel • Emergency light in cab



Basic Operating Procedures

USING THE LIFT FROM LANDING CONTROLS:


1. Insert key into the switch and turn to the ON position.
2. Press and hold the call button.

 **NOTE: This is a constant pressure system so if you release the button at any time, the lift will stop working. Press the button again to continue operation.**

3. Watch through vision panel to determine where elevator is located.
4. Release the button when the lift arrives to the desired landing.
5. Turn key to OFF position and remove.
6. Open door and enter lift. Door may open automatically if lift is equipped with a door opener.
7. Please be cautious when entering/exiting lift.

USING THE LIFT FROM CAB:

1. Insert key into switch and turn to ON position.
2. Push button of landing and keep it pressed until you reach desired level.

 **NOTE: This is a constant pressure system so if you release the button at any time, the lift will stop working. Press the button again to continue operation.**

3. Release button once you have reached desired level.
4. Turn key to OFF position and remove. Door may open automatically if lift is equipped with a door opener.
5. Please be cautious when exiting/exiting the lift.



Emergency Procedure

This lift is equipped with an emergency operation feature.

If the normal power to elevator fails, the emergency light will turn on and illuminate the inside of the cab.

The lift will operate but only in the DOWN direction.

WHAT TO DO IN CASE OF ENTRAPMENT:

1. Should the lift lose power while you are inside, please remain calm.
2. The emergency battery backup power will energize and will turn on the emergency light which will illuminate and provide you with light inside the cab.
3. The lift will operate but only in the DOWN direction. Press the desired lower landing you wish to go to and watch through the vision panel to determine when you are getting close to the level.
4. Release the landing button and remove the key and open the door. Door may open automatically if lift is equipped with a door opener.
5. Be cautious when exiting the lift.
6. Advise management that emergency lowering was used as the lift may require a service call to realign to factory settings.



WHAT TO DO IN CASE OF ENTRAPMENT IF LIFT IS EQUIPPED WITH ADA PHONE:

1. Should the lift lose power while you are inside, please remain calm.
2. The emergency battery backup power will energize and will turn on the emergency light which will illuminate and provide you with light inside the cab.
3. Use the ADA Emergency telephone located within the lift to call for assistance (If applicable). See image below.
4. Press the button to call the building's 24/7 monitoring station. The red light will turn on to advise you that the call is being made. Once the operator is on the speaker, inform them of the building's address or name and provide any additional information that will help them identify your location.
5. Help will be dispatched to you.
6. Remain calm until help arrives.



ADA Phone in Cab



Manual Lowering Device

NOTE: You shall only use the following feature under an extreme emergency when a passenger becomes entrapped. Care should be taken when using the manual lowering device to ensure safe operation.

1. Communicate to the passenger within the elevator and assure them to remain calm and to stay back of the lift entrance while you proceed with the manual lowering feature.
2. Ask the passenger to advise you how far away they are located from the next lowest landing.
3. Located the machine room as you need to access the elevator pump unit to perform this feature. A key to enter the room will be required.

NOTE: The machine room requires to be locked at all times. This key **SHALL ALWAYS** be accessible to any emergency responders in an event of an emergency.

4. Locate the red manual release knob on the pump unit and turn the knob in a counter-clockwise direction to lower the cab. Refer to Figure below.





5. Begin to turn the knob in the counter-clockwise direction with constant pressure. Turn knob intermittently to provide a slower decline and to allow the passenger to continually confirm their location until they reach the lowest landing.

NOTE: Failure to lower the cab in a slow and intermittent nature could pose risk of damaging the elevator and harming the passenger.

6. When you have lowered the lift to the desired landing, go to that landing so that you can assist the passengers away from the lift if necessary.
7. When the passenger exits, ensure that you close the hall door behind them.
8. Contact your elevator maintenance company immediately to arrange for a service call as this procedure will misalign your lift.




Troubleshooting Tips

Speak to your Maintenance Provider for any troubleshooting tips applicable to your specific unit.

Warranty

The warranty starts on the date when the lift was shipped from the Federal Elevator plant. Please refer to your specific contract to confirm the length of time your unit is covered for. We will make good and/or replace, if necessary, any and all defects due to imperfect workmanship which may appear during this warranty. These defects, and the repairs required, will be solely determined by Federal Elevator Systems Inc. upon receiving at its place of business the piece deemed to be defective by the Owner and/or Representative.

This warranty does not cover damages caused by normal wear and tear, accident, fire, unauthorized alterations, vandalism, willful damage, negligence, acts of God, or other like causes. This warranty shall be considered null and void unless the lift is maintained properly and consistently by a registered contractor in the Province where the lift is located. Such maintenance shall be performed in accordance with Federal Elevator's recommendations and the requirements of the Province's acts and regulations.

 **NOTE: Customer may arrange for a longer warranty period however, this MUST be done prior to the unit being shipped from the Federal Elevator plant.**



Maintenance

Elevator passenger safety is the result of much attention and many hours spent on the equipment's design, manufacture and installation. After installation, reliable operation and continued assurance of safe operation requires regular maintenance and service as required by local jurisdiction. The building owner is responsible to ensure that regular service and inspections by licensed elevator technicians.

The elevator must be installed, maintained and serviced by an authorized FEDERAL ELEVATOR representatively ONLY! Under no circumstances is anyone other than a trained and authorized Federal Elevator Dealer to install, adjust, service or modify any mechanical or electrical devices on this lift. Failure to follow this warning can result in safety systems being compromised or defeated, which can result in serious injury or death. Federal Elevator Systems Inc. accepts no liability for property damage, warranty claims or personal injury, including death, in this circumstance.

If you purchased your elevator through one of our Dealers, please have them fill out the information below for future reference.

FOR OWNER'S RECORDS	
Customer Name:	_____
Installing Dealer:	_____
Dealer's Telephone Number:	_____
Date Installed:	_____
Serial/Job Number:	_____



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