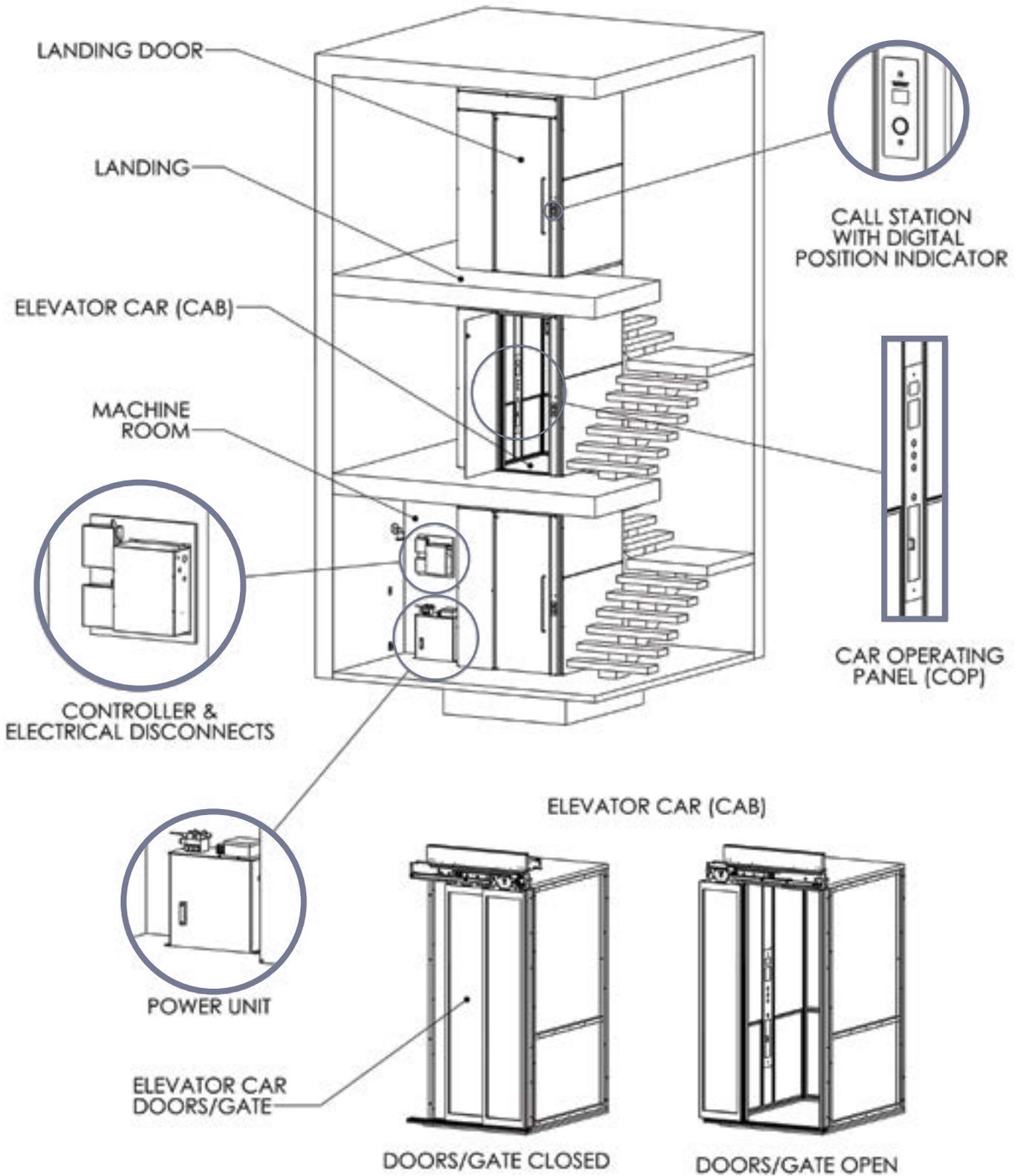


# YOUR ELEVATOR



# BASIC OPERATIONS



## CALLING THE ELEVATOR



1. Press the blue LED “call” button located near a landing door to call the elevator car to your floor.
2. The call button at your floor will turn green while the elevator car is in motion. Call buttons at other landings will turn off.
3. When the car arrives, the call button LED will turn blue again, along with the LED call buttons at other landings.
4. Once the light turns blue and your sliding doors (if applicable) open, or the interlock on your swing door unlocks, you may now enter the cab.



## OPERATING ELEVATOR FROM INSIDE THE CAB



1. Use the car operating panel (COP) to navigate travel.
2. Ensure the car and landing doors are both closed if they are not power operated.
3. Ensure the red emergency stop button is not depressed.
4. Press the button that corresponds to the floor you wish to travel to.
5. The cab will then travel to the floor requested and stop on arrival.
6. Open the cab and landing doors and exit the cab.
7. Close the cab and landing doors completely when exiting. If they are power operated they will automatically close after exiting the cab.

## NOTE

- a. Your COP may appear slightly differently than the one pictured above, however, the fundamental controls are constant among elevator models.
- b. If your elevator is equipped with a manual gate, be sure that it is closed both before use and after exiting the elevator car. Failure to do so will take the elevator out of service.

# WARRANTY



## WARRANTY START DATE

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## SERIAL NUMBER OF EQUIPMENT

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I. Cambridge Elevating provides a standard **three (3)** year Manufacturers Limited Product Warranty on all components of the elevator system\*. This coverage also protects against all service repairs stemming from defective material or workmanship for the **first (1)** year of ownership for sites installed by authorized CE technicians only.

### DISCLAIMERS

- I. Cambridge Elevating disclaims liability for any personal injury or property damage resulting from the operation of a product that has been modified from the original Cambridge Elevating design. No person or company is authorized to change the design of this product without written authorization by Cambridge Elevating.
- II. Buyer may engage a third party other than Cambridge Elevating to repair or replace the equipment or to cure any defects in material and workmanship. However, this limited warranty does not cover any charges or expenses assessed by any such third party or company performing such repairs or replacement work. Costs for parts that are not genuine Cambridge Elevating parts, and/or damages to the equipment caused by the use of non-genuine Cambridge Elevating parts or by the performance of a non-authorized technician, are not covered under this limited warranty.

III. This warranty constitutes the entire and express warranty granted by Cambridge Elevating. To the extent the law permits, Cambridge Elevating disclaims any and all liability for direct or indirect damages or losses or for any incidental, special or consequential damages or loss of profits resulting from a defect in material or workmanship relating to the device including the loss of time or use of this device. Correction of defects, in the manner and period of time described herein, constitute complete fulfillment of all obligations and responsibilities of Cambridge Elevating Inc. to the purchaser with respect to the device and shall constitute full satisfaction of all claims, whether based on contract, negligence, strict liability or otherwise.

### \* EXCEPTIONS

- a) Consumable items, which may include: batteries, hydraulic fluids, greases, oils, etc.
- b) Structural or cosmetic components that are subject to normal wear and tear, external forces and/or misuse and purposefully inflicted damage. This includes metal panels, glass, Plexiglas, mirrors, gates, doors, buttons, switches, trim and any owner supplied parts and accessories.

## IMPORTANT SAFETY INSTRUCTIONS

### **PLEASE READ ALL INSTRUCTIONS BEFORE OPERATING YOUR ELEVATOR**

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**ELEVATORS USED INCORRECTLY CAN RESULT IN SERIOUS INJURY OR EVEN DEATH. ALL OPERATORS OF THE ELEVATOR MUST READ AND UNDERSTAND THIS OPERATION MANUAL PRIOR TO USE.**

-  Do NOT allow children under the age of 16 to operate the elevator without adult supervision.

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-  Be certain the cab is at the proper floor and has come to a complete stop prior to entering or exiting.

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-  If applicable, lock the wheels on your wheelchair when your elevator is in motion.

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-  Do NOT exceed capacity as indicated on the car operating panel in the elevator cab. (950, 1000 or 1500 lbs.)

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-  Do NOT lean against cab doors or landing doors.

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-  Do NOT lean against, or let any items come in contact with elevator doorway or walls while the cab is in motion

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-  Do NOT operate the elevator if it has been damaged in any way.

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-  Do NOT use elevator in the event of fire.

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-  Do NOT EVER attempt to repair, modify, adjust or perform any maintenance on your elevator. Only an authorized elevator technician may perform maintenance on your elevator.

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-  Do NOT use the elevator during a power outage, or if you suspect one may occur.

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-  Do NOT bypass any part of the elevator safety systems or circuits.

# TROUBLESHOOTING

## If your elevator will not operate, please check the following before calling an authorized Cambridge Elevating Inc. Service Technician:

- a. Check that the Emergency Stop Button on the car operating panel is not depressed.
- b. Verify that all landing and cab doors are fully closed.
- c. Check for a blown fuse or tripped circuit breaker in the main circuit box in your home.
- d. Verify that the power is on by ensuring the disconnect with the red handle on the controller and the breaker are in the "ON" position. See the emergency procedure page for more information.

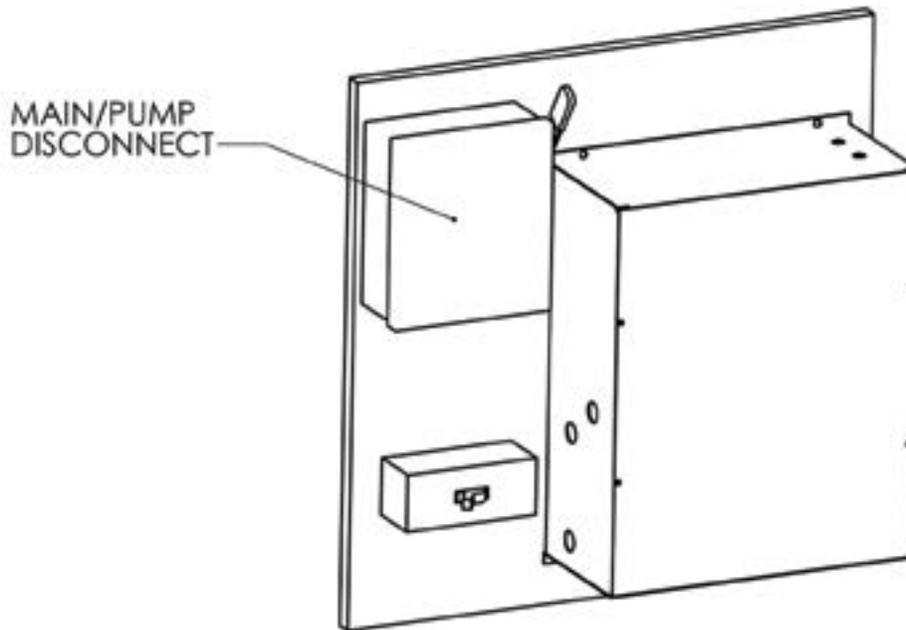
**Your Cambridge Elevating home elevator is equipped with self-diagnostics. In the event of an operational error it will flash various codes on the COP digital display indicator. Please note the code and inform your authorized service technician.**

DIAGNOSTIC DISPLAY CODE	TYPICAL CAUSE(S)
123 (pause) 2 (pause) 1	This is not an error message, it is a confirmation that the DPI is working and displays the current version number.
 6	The system is attempting to go through the startup sequence but is most likely waiting for all landing doors and cab gates to be closed. If the code persists, call an authorized service technician.
 7 (steady)	<b>Call an authorized service technician.</b> The MCU chip is inserted incorrectly or damaged.
 6_3	<b>Call a service technician.</b>
 7_1	<b>Call an authorized service technician.</b> Levelling system failure, system is shut down and can only unlock and operate doors.
 7_2	7_2_1    7_2_3    7_2_4    7_2_5    7_2_6 <b>Call an authorized service technician.</b>
 7_4	<b>Call an authorized service technician.</b> The elevator is shut down when this code is displayed and needs to be restarted once this problem is solved.
 7_5	<b>Call an authorized service technician.</b> The elevator is shut down when this code is displayed and needs to be restarted once this problem is solved.

# EMERGENCY POWER OUTAGES



**CAUTION.** Always shut off power from main pump disconnect at the elevator controller in the case of an emergency. See disconnect diagram.



## POWER OUTAGE

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- a. Your elevator is equipped with a battery backup system to ensure safe downward travel during a power outage. You will NOT be able to travel upwards while on battery backup.
- b. If you need to operate the elevator to descend or are in mid-travel when the power fails: press the car operating panel button for a lower floor. Once you have arrived, exit the cab and close the door. Do not use the elevator until the power is restored.

**NOTE.** If you have an elevator installed after 2009, the elevator will automatically travel to the lowest floor. If your elevator has automatic doors they will remain open. When power is restored, the elevator car will automatically travel to the top floor to reset itself.

# EMERGENCY MANUAL LOWERING



**CAUTION.** If the cab does NOT lower or is stuck, STOP all attempts to manually lower the cab. Immediately call your Cambridge Elevating Service Technician for emergency assistance.



**In the event of power failure and battery backup failure, your elevator can be manually lowered using the following procedure if there are passengers in the car:**

1. Remove power from the pump unit in the machine room by turning off the disconnect, as shown on the previous page. Ensure that the landing doors on every level are closed.
2. In the machine room, slowly open the red manual lowering valve by turning it **counterclockwise** and holding (see picture). This allows oil to drain back into the reservoir thereby lowering the elevator to the bottom floor. Periodically check on the location of the cab.
3. Once the elevator has descended to the bottom floor, release the red lowering valve to stop the flow of oil. Note that the valve is rather stiff and will require pressure in order to open and close.
4. Open the landing door on the bottom level to allow the occupants to exit. (see Opening Doors section)
5. Close the landing door, making sure it is latched shut.
6. Contact your authorized Cambridge Elevating Service Technician for service before restoring power to the unit.

# EMERGENCY OPENING DOORS

## Opening Landing Doors from the Inside of the Cab with Interlocks and Swing Landing Doors

**(Elmira and Heritage models)**



1. Elmira: carefully slide open the accordion gate to its full open position. Heritage: carefully push doors to the side, starting with the slow panel.
2. Push up on the stainless tab located on the side of the interlock shown below, (located in the upper frame corner) while turning the door knob to open the door.
3. Exit the cab and close the accordion gate and landing door.

## Opening Landing Doors from the Outside of the Cab with Interlocks and Swing Landing Doors

**(Elmira and Heritage models)**

1. Remove the stainless cap seen on the opening side of the swing door.
2. Insert a long T-key or other long thin object capable of fitting in the hole. Insert all the way and push upwards until you hear an audible click.
3. Open the door and assist the passengers to exit the cab.

## Opening Landing Doors from the Outside of the Cab for Sliding Landing Doors

**(Cambrian Model only)**

1. Call for help using the telephone in the elevator phone box.
2. Have them use the supplied barrel key and unlock the doors from the outside by inserting the key in the lock located on the landing frame at the top of the landing door.
3. Once unlocked, carefully slide open the doors and exit the cab.



**NOTE FOR CAMBRIAN MODELS.** Ensure that the **Emergency Exit Key** is located in an accessible area OUTSIDE of the elevator car.

