



Elevation Innovation Inc

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Econo-Lift®

DUMBWAITER

Owner & Maintenance Manual

“Dumbwaiter Systems”

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Owner & Maintenance Manual

This manual will cover the maintenance procedure step-by-step.

IMPORTANT INSTRUCTIONS

Read before operating your dumbwaiter and save for future reference.

BASIC RULES

1. Be sure that users of the dumbwaiter are properly instructed on the use and care. Do not allow any unfamiliar users to operate the dumbwaiter.
2. Close supervision is necessary when the dumbwaiter is used by or near children.
3. Never allow anyone near or in the vicinity of the operating machinery, the machine room door should be locked at all times.
4. Always call for professional help if you encounter a problem and are unfamiliar with the installation and mechanics of the dumbwaiter.

OPERATING YOUR DUMBWAITER

1. Call your dumbwaiter to your landing.
2. Open the shaft door.
3. Be sure the car is at the landing level.
4. If equipped with a gate, grasp the gate and open fully.
5. Load the car.
6. Close the car gate if equipped with one.
7. Close the shaft door.
8. Call or send to the desired floor.

CAUTION: when loading the car be sure the load will not shift and allow items to protrude into the shaft, as this will cause damage to the dumbwaiter and the shaft.

9. Open the shaft door
10. Open the gate if equipped.
11. When finished, close the car gate and shaft door so the dumbwaiter is ready for others to use.

AN IMPORTANT FACT

Dumbwaiters are no more or less dangerous than any piece of mechanical equipment. Please keep in mind the curious nature of children and do not allow them to use the dumbwaiter unattended. The machine room door can be opened and you can unplug the unit and lock the door to prevent unauthorized use. Or you can add a key lock out to any floor to disable the dumbwaiter.

IF THE DUMBWAITER FAILS TO OPERATE.

Check the LED lights on top of the controller (or inside for CPLD circuit board) for an error message and refer to the trouble shooting guide for the proper steps to fix the problem. If you are not familiar with the operation of the machinery CALL FOR PROFESIONAL HELP FROM A CERTIFIED ELEVATOR MECHANIC.

PLEASE READ AND UNDERSTAND THE FOLLOWING SAFE-GUARDS:

1. Do not use the dumbwaiter if it does not appear to be operating properly.
2. This dumbwaiter is not designed to move people.
3. All persons using the dumbwaiter should be instructed in the proper use of the system.
4. Close supervision is necessary when the dumbwaiter is used by or near children.
5. Do not overload your dumbwaiter car.
6. Never place articles in the car that may fall out, or are likely to shift during transport.
7. Never try to by-pass safety controls.
8. Exercise normal care in maintenance and operation of your dumbwaiter.
9. Maintenance instructions are available but should not be used except by a qualified person

READ ALL INSTRUCTIONS

Do not use this dumbwaiter for other than its intended use.

Save these instructions. Should you transfer ownership, be sure the instructions are given to the new owners for their reference.

CAUTION: As the owner of this equipment you are responsible to provide enclosure of all mechanical equipment. Elevation Innovation Inc. does not manufacture guards for its equipment because of the various installations and custom nature of the equipment. This is an important measure of safety and must not be overlooked.

GUIDE FOR PERIODIC SERVICING OF THE DUMBWAITER - FREQUENCY

The outline is in no way a complete checklist of the dumbwaiter. It is merely a preventative maintenance guide. Preventative maintenance is recommended every 6 months.

CAUTION: Prior to performing any maintenance, insure the power is turned off at the disconnect box or the unit is unplugged from the wall.

HOISTING MECHANISMS

A. Motor

1. Secured

B. GEARBOX

1. Check for leakage (the unit is completely sealed and should never leak).

C. Slack cable and sheave assembly.

1. Inspect both pulley's for wear or breakage.
2. Spring is operating properly.

D. DRUM

1. Check the bolts that secure the drum to the output shaft for tightness. These bolts are factory tightened with lock tight.

E. CABLE

1. Worn or frayed
2. Check cable clamps just above the trolley for tightness.

F. GENERAL WIRING

1. Check that all wiring in the hoist way is secured and out of the path of the dumbwaiter.
2. Traveling cable: check that it is secured to the midway location on the wall properly and to the bottom of the car.

G. GUIDE RAIL

1. Lubricate the inside right and left sides of the rail with spray white lithium grease – commercial and residential units every 180 days. As of 2021 all trolleys have eight wheels, no lubrication needed.

GENERAL HOUSE KEEPING

Clean pit and remove any debris from machine room.

WARRANTY

This warranty applies to all Elevation Innovation Inc. products. It is provided to the original purchaser only.

THE WARRANTY BEGINS

The warranty period begins the date that the unit is delivered to its destination and signed for. The unit should be inspected for all components.

COVERAGE AND LENGTH OF WARRANTY

The basic coverage period is for 60 months on parts and 60 months on the drive train and guarantees that the dumbwaiter system will be free of defects in both materials and workmanship.

WHAT IS NOT COVERED

- All labor costs that are incurred in replacing warranty parts.
- Misuse or abuse of equipment, neglect, acts of God, fire and flood.
- Use of non Elevation Innovation Inc. parts.
- Improper assembly or repair.
- Damage sustained in shipping – dealer or end user must file a freight claim.

HOW TO FILE A CLAIM

You must contact an authorized dealer or the factory for an RMA.

The parts should be returned pre-paid to the factory and will be replaced within 60 days via standard ground transportation, all other shipping methods will be pre-paid by the end user.

This warranty and all implied warranties including the implied warranties of merchantability and fitness for a particular purpose, for this product are limited to a period of five years parts and 5 years drive train from the time of confirmed delivery. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.