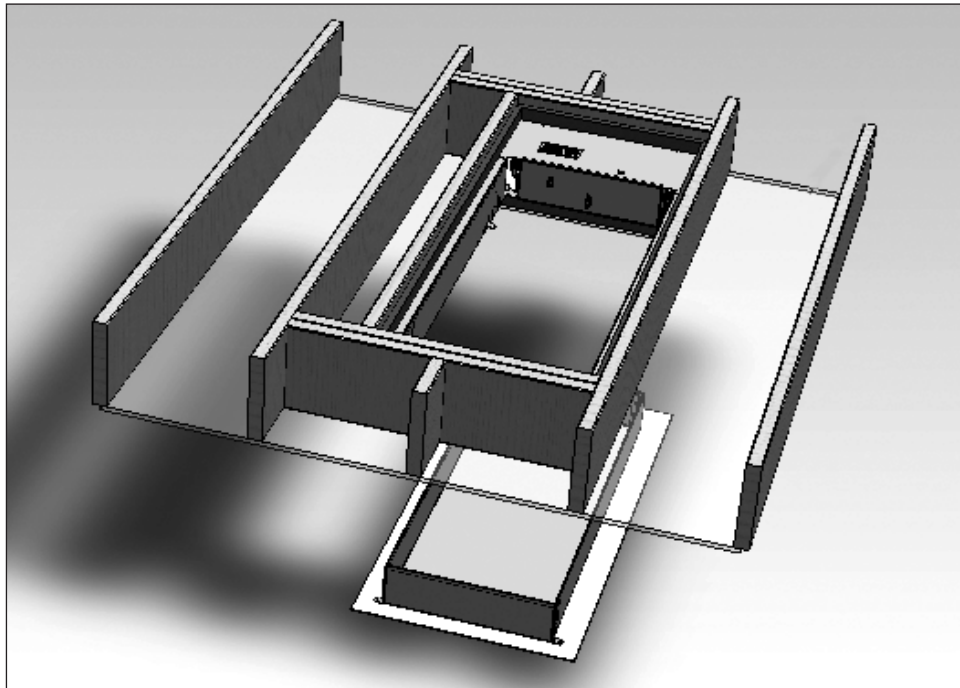




RAISING STORAGE TO A HIGHER LEVEL

Model 5000 Cargo Lift Installation and Operations Manual



Model Number:

Serial Number:

Installation Date:

Installer:

Place of Purchase:

Date of Purchase:

Congratulations on the purchase of your new SpaceLift Products 5000 cargo lift system. Expect to receive many years of reliable service moving household items between the floors of your home.

FEATURES

- Conveniently move items between floors
- Automated lift with 100-pound load limit
- Quiet and efficient electric drive train
- Impact detection system both directions
- Remote control unit with key lock

SPECIFICATIONS

Lift Weight Capacity	100 lbs
Lift Platform Speed	3 inches/sec
Internal Platform Area	17-7/8 x 41 inches
Rough Opening Area	22-1/2 x 54 inches +/- 1/8 inches
Platform Leveling	Variable adjustment
Power Requirement	110 VAC – 120 VAC
Remote Control Unit	Momentary up/down buttons with Key Lock
Tethers	Stainless steel cable
Obstacle Detection	Both directions
Lift Unit Weight	75 lbs

INSTALLATION INSTRUCTIONS

IMPORTANT NOTE: Please read this manual completely before you install and operate the lift. Installation of the 5000 cargo lift system should ONLY be performed by a qualified professional who is certified in the process. **Installation of the 5000 lift system requires skills in carpentry and electrical wiring. If you choose to have the lift system installed without the use of a certified installer, you may void portions of the warranty.**

SECTION 1: LOCATION SELECTION

Select a location for installation. Your home must have an acceptable ceiling and joist structure. Consult a structural engineer before making any modifications to the ceiling and joist structure and to determine the load bearing capacity of the selected installation area.

LOCATION AND ORIENTATION REQUIREMENTS

- **Orientation:** Lift must be oriented such that its length is parallel to the floor joists.
- **Finished Floor:** Top floor must be finished with 5/8 inch or 3/4 inch plywood or comparable material.
- **Load Support:** Floor must support loads as specified in local residential codes.
- **Landing Area:** Landing area for cargo tray with attached ceiling cover (both on top and bottom floor) must be clear of any obstructions.
- **Ceiling Height:** Determine Floor to Ceiling Height (FCH). If FCH is higher than 12 feet, even with the cargo tray at maximum deployment, the cargo tray will not reach the floor before stopping. Loading or unloading without the platform firmly on the floor is not recommended as this may introduce swaying and thus prevent proper operation.
- **Overhead Space:** Allow at least 4 feet of overhead space above the installation area to provide lift access.
- **Electrical:** An electrical outlet must be located within 4 feet of mounted lift system.
- **Remote Control Unit:** Remote Control Unit must be mounted on an adjacent wall at least 5 feet above the ground. Allow a clear line of sight between the Remote Control Unit and the lift system clear of any moving parts of the lift and any obstructions. Must provide a wired Ethernet connection, from Remote Control Unit to lift system, using standard CAT-5 cable.

BEFORE YOU BEGIN

1. Open the shipping container and verify contents are free of any damage that may have occurred during transport.
2. Contact your dealer if the lift system appears damaged.
3. Record the Model Number and Serial Number of the lift system on the front page of this manual.



SECTION 2: PREPARE THE OPENING

STEP 1: PREPARE A FRAMED OPENING IN THE CEILING

The optimal dimensions of the framed opening are shown below. The framed opening must be square.

NOTE: rough opening size must include allowance for all penetrations such as joist hangers (if required). It may be necessary to increase rough opening size slightly to accommodate penetrations.

Required Installation Dimensions

Rough Opening Size = 22-1/2 inches (Width) x
54 inches (Length) +/- 1/8 inches
Landing Area = 24-1/2 inches x 56 inches
Maximum Ceiling Height = 12 feet

ADDITIONAL MATERIALS REQUIRED

- CAT-5 Ethernet cable
- Three Gang Electrical Box
- Wood strips, 17 linear feet of 3/4 x 2-1/2 inches
- Nails and wood glue

STEP 2: INSTALL MOUNTING STRIPS

1. Cut 3/4 x 2-1/2 inch wood strips to fit inside frame (approximately 17 feet total length of strips required).

NOTE: if the rough opening size is increased to accommodate joist hanger or other protrusion into the recommended rough opening size, then increase the 3/4 inch dimension to accommodate the larger rough opening size (i.e. 3/4 x 2-1/2 inch strips to be increased to 1 x 2-1/2 inch).

2. Set Lower Mounting Strip Height (LMSH) to be flush with bottom of drywall.
3. Level and install wood strips at LMSH as determined into rough opening with nails/screws and glue. Consult with a structural engineer to verify installation is capable of supporting this maximum load as specified by local residential building codes.
4. Replace drywall that was removed in framed opening below motor side of lift.

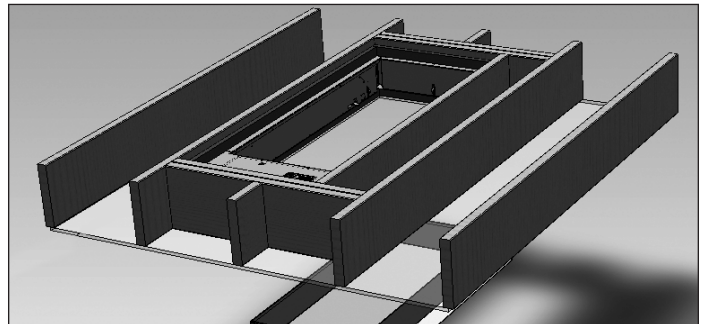
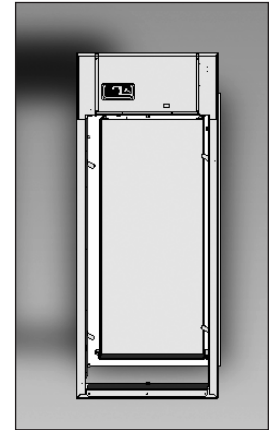
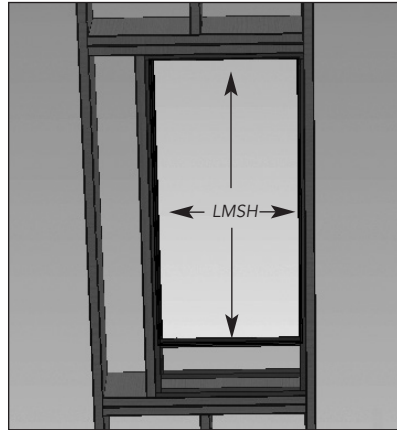
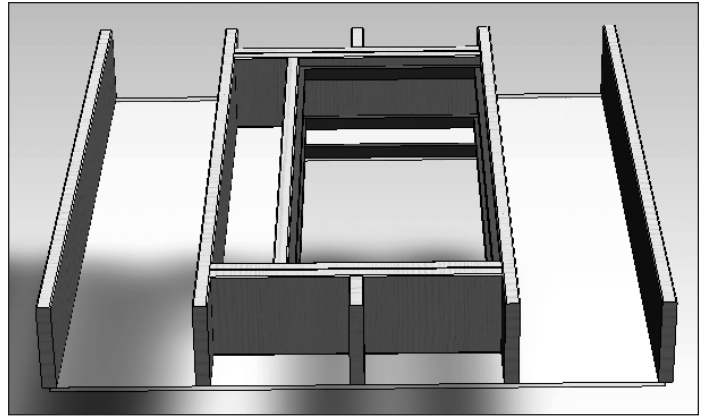
SECTION 3: INSTALLING THE LIFT SYSTEM

1. Remove the cargo lift system from shipping container.
2. Attach Foam Spacer around bottom perimeter of lift except at four locking tab screws.
3. Raise the lift system into the space above the framed opening.
4. Lower the lift system into the framed opening so that it rests centered on the lower mounting strips. Be sure to orient lift so power cord can reach electrical outlet.
5. Place additional shims (3 inch minimum length) snugly around perimeter of the cargo lift system so that it is centered and prevented from horizontal motion within rough opening. (Do not deform unit walls.)
6. Attach Optical Sensor in motor compartment with screw provided.

SECTION 4: MOUNTING THE REMOTE CONTROL UNIT

IMPORTANT NOTE: The Remote Control Unit must be mounted to allow a clear line of sight to the 5000 cargo lift system and be at least 5 feet above the ground, clear of any moving parts of the lift, and clear of any obstructions.

1. Install low voltage Three Gang Electrical Box into adjacent wall.
2. Run CAT-5 cable from lift system to inside of Three Gang Box.
3. Connect CAT-5 cable to plug at rear of Remote Control Unit.
4. Attach Remote Control Unit to Three Gang Box using screws.
5. Connect cable to CAT-5 receptacle on top cover of lift system.
6. Attach main unit power cord to lift system and plug into adjacent electrical outlet.



SpaceLift 5000 Cargo Lift

OPERATING INSTRUCTIONS

WARNING: Before any operation of the SpaceLift 5000 cargo lift system, inspect the platform operating area to verify no persons, animals or objects are within 5 feet of the platform.

To avoid injury in loading and unloading operations, make sure to use proper lifting practices. Secure objects in the lift platform to prevent them from shifting or falling off while the platform is in motion. Maximum load limit is 100 pounds.

The 5000 cargo lift system automatically performs a variety of checks before each operation. Check the display on the Remote Control Unit.

STEP 1. Turn on Remote Control Unit with Key.

STEP 2. Use the Down Button to lower the cargo lift platform to the lower level landing position.

STEP 3. Load the lift platform with items to be transported. Weight of items should be centered in tray. Do not stack vertically. Maximum load must be limited to 100 pounds per trip. Be sure objects are secured to prevent load shifting during lift operations.

STEP 4. Depress and hold the Up Button until the lift cycle is complete and you hear the "snap" of the locking pins engage. This assures the lift has reached the fully stowed and locked position. To halt operation, release the button any time during the lift cycle.

STEP 5. Unload lift platform.

STEP 6. Turn Key OFF when lift operations are complete.

NOTE: If power is lost during operation the lift will stop. When power is restored, depress the Up Button and return the lift to the fully stowed and locked position. This enables the system to reset the sensors to assure consistent operation.

WARNING: When using the cargo lift system Remote Control Unit, keep the lift platform in sight until completely stopped in either the bottom or top position. DO NOT allow children to play under or near the lift platform.

WARNING: The cargo lift platform moves rapidly. Keep path clear.

SAVE THESE INSTRUCTIONS.

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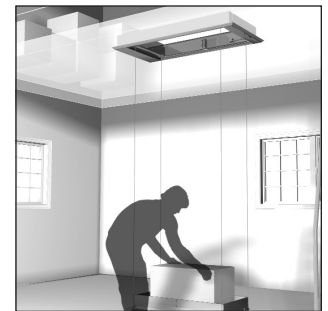
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Operation: Step 1



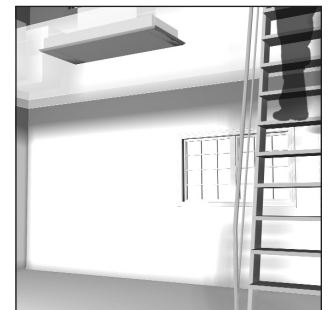
Step 2



Step 3



Step 4



Step 5

Contacting SpaceLift Products

If your product fails during the warranty period and the suggestions in the product documentation do not solve the problem, you can receive support by doing one of the following:

1. Check Model 5000 FAQ section on the SpaceLift Products website.
2. Contact the dealer from whom you purchased the cargo lift system.

Before contacting your dealer or SpaceLift Products, please have the following information available:

- Product serial number
- Product model name and model number
- Applicable error messages
- Detailed notes for questions

Limited Warranty

SpaceLift Model 5000 Cargo Lift System

Extent of Limited Warranty

SpaceLift Products, Inc. warrants that the cargo lift product will be free from defects in material and workmanship for two years. SpaceLift Products does not warrant that the operation of the product will be uninterrupted or error free.

This limited warranty covers only those defects that arise as a result of normal use of the product and does not cover any other problems, including those that arise as a result of: (i) improper maintenance or modification; (ii) operation outside the product's specifications; or (iii) unauthorized modification or misuse.

If SpaceLift Products receives, during the applicable warranty period, notice of a defect in any product, which is covered by this warranty, SpaceLift Products shall either repair or replace the product at its sole discretion and option.

Limitations of Warranty

TO THE EXTENT ALLOWED BY LOCAL LAW, NEITHER SPACELIFT PRODUCTS NOR ITS THIRD PARTY SUPPLIERS MAKES ANY OTHER WARRANTY OR CONDITION OF ANY KIND, WHETHER EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, AND FITNESS FOR A PARTICULAR PURPOSE.

Limitations of Liability

To the extent allowed by local law, the remedies provided in this Limited Warranty Statement are the customer's sole and exclusive remedies.

TO THE EXTENT ALLOWED BY LOCAL LAW, EXCEPT FOR THE OBLIGATIONS SPECIFICALLY SET FORTH IN THIS WARRANTY STATEMENT, IN NO EVENT SHALL SPACELIFT PRODUCTS OR ITS THIRD PARTY SUPPLIERS BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, WHETHER BASED ON CONTRACT, TORT, OR ANY OTHER LEGAL THEORY AND WHETHER ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Local Law

This Limited Warranty Statement gives the customer specific legal rights. The customer may also have other rights, which vary from state to state in the United States, from province to province in Canada, and from country to country elsewhere in the world.

To the extent that this Limited Warranty Statement is inconsistent with local law, this Statement shall be deemed modified to be consistent with such local law. Under such local law, certain disclaimers and limitations of this Warranty Statement may not apply to the customer. For example, some states in the United States, as well as some governments outside the United States (including provinces in Canada), may: (i) preclude the disclaimers and limitations in this Warranty Statement from limiting the statutory rights of a consumer (e.g., United Kingdom); (ii) otherwise restrict the ability of a manufacturer to enforce such disclaimers or limitations; or (iii) grant the customer additional warranty rights, specify the duration of implied warranties which the manufacturer cannot disclaim, or allow limitations on the duration of implied warranties.

THE TERMS IN THIS WARRANTY STATEMENT, EXCEPT TO THE EXTENT LAWFULLY PERMITTED, DO NOT EXCLUDE, RESTRICT, OR MODIFY, AND ARE IN ADDITION TO, THE MANDATORY STATUTORY RIGHTS APPLICABLE TO THE SALE OF THE SPACELIFT PRODUCTS TO SUCH CUSTOMERS.

NOTE: Register your product and initiate your warranty online at SpaceLiftProducts.com on the SpaceLift 5000 Product page (left sidebar under Documents).

Register Immediately Online to Initiate Your Warranty:
spaceliftproducts.com/warranty

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