

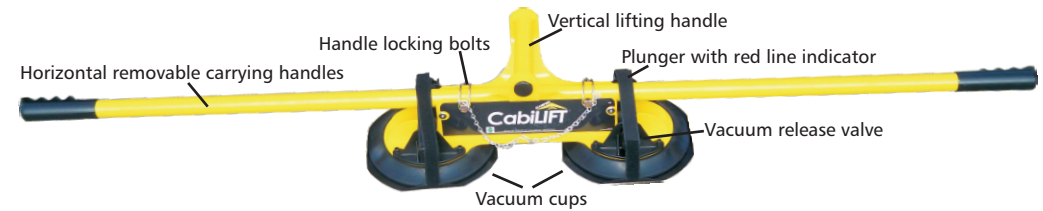
INSTRUCTIONS FOR CabiLIFT CABINET LIFTERS**WARNINGS**

Failure to observe these WARNINGS could damage the hand cups or the load or cause injury to the user.

- The CabiLIFT is totally unsuitable and unsafe for attachment to hoists, manipulators, fork-lifts or for use with any other lifting method or device.
- Do not use the cups to lift loads that exceed the maximum load capacity or the effective capacity.
- Do not lift load if you do not feel comfortable with the weight you are attempting to lift.
- Do not use the cups to support a person.
- Do not place the cups face against surfaces which could damage the sealing edges.
- Avoid conditions that could cause the cups to slip or disengage prematurely, such as contaminants, cuts or scratches in the cups face, or contact surface. Applying the cups to porous materials or applying pressure against the cups edge.
- Do not use the cups to lift when the red line is visible. If the red line reappears frequently, discontinue use and see service.
- Do not allow anything to interfere with free movement of the plunger while the cups are attached.
- Do not touch the release valve levers while lifting.
- Do not use harsh chemicals, (such as solvents or gasoline or unauthorised rubber cleaners and conditioners to clean the cups).



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**OPERATION****To attach**

- 1 Position the lifter on to the load ensuring vacuum cups are in contact with surface so that the red line can be visible.
- 2 Apply pressure and pump the plungers until the cups attach completely. When the red line is hidden, vacuum is sufficient for lifting.
- 3 Check the plunger frequently to make sure the cups remain securely attached. If the red line appears while lifting, set down the load immediately and pump the plunger until the red line is hidden again, (see WARNINGS).
- 4 When using the CabiLIFT in the vertical position the long handled carrying handles can be removed by removing the 2 locking bolts.

To Release

- 1 Set the load on a secure support/base.
- 2 Press the release valve until the cup disengages.

CAUTION: Remove the cups when not in use.

Cleaning

- 1 Remove the air lifter from the cups surface.
- 2 Use a clean sponge or lint free cloth to apply soapy water or other mild cleanser to the cups face. See WARNINGS for more information.
CAUTION: To prevent liquid from contaminating the pump, hold the cup face facing down or cover the suction hole in the filter recess.
- 3 Wipe all residue from the cup faces.
- 4 Allow the cup to dry and re-install the air lifter.



For further advice Tel: 01905 427100

CabiLIFT Information

Product Description

Hand cups use vacuum to lift and carry loads as follows:-

A manual pump removes air between the rubber pads and the contact surface, a red line on the pump plunger serves as a vacuum indicator. A check valve allows the user to re-pump the cups without removing them from the contact surface, and the release mechanism allows the cups to disengage completely.

Maximum load capacity includes a 3:1 safety factor and requires the following: Attachment on a clean, smooth non-porous flat surfaces, a maximum vacuum level of 171/2" Hg (-59 kPa), and a friction coefficient of 1. The rating is based on tests on new hand cups attached to the upper, horizontal surface of static objects in ideal conditions.

Many factors can reduce the capacity including lifting a load when the cup is attached to a vertical inclined surface or lifting a load that applies leverage to the cup.

Load and environmental conditions

Use the cups on clean, relatively smooth non-porous surfaces at temperatures from 10⁰ to 120⁰ fahrenheit. (-12⁰ to 49⁰ celcius). Moisture or contaminants can reduce the slip resistance of the cups. The red line indicator may not perform reliably at elevations above 5000 feet, (1524 metres). See SERVICE.

MAINTENANCE

Inspection

Examine and test the cups regularly to make sure they do not exhibit the following faults.

- Cuts or damage to sealing of rubber pads.
- Cracks or dents in handle or pump.

- Re-appearance of red line soon after attaching cups.
- Sluggishness or dramatic changes in pump action.
- Excessive glaze or stiffness of rubber pads.
- Air filter missing from cups face.
- Correct any faults before using cups. (See service)

Storage

Store the cups in clean, dry conditions within their protective covers.

Service

Since ageing and wear reduce the capacity of the rubber pads, pads should be replaced at least every two years or whenever damage is discovered. (See inspection). It is advisable to return lifting devices to NAL Ltd annually for a load test certificate/service. If the hand cups do not function normally, the cups may be dirty or the cups may require service. First clean the cups face according to the directions. If the condition persists contact NAL Ltd, email: sales@nal.ltd.uk

LIMITED WARRANTY

The control panel lifters are warranted to be free from defects in workmanship and materials for one year from the date of purchase. The products will be repaired or replaced without charge.

WARRANTY DOES NOT APPLY WHEN:-

- Rubber portions have been cut or scratched during use.
- Repairs are required due to abnormal wear and tear.
- The product has been abused, misused or neglected.
- Alterations have been made to the product.

NAL Ltd do not accept any responsibility for damage caused by the misuse or mishandling of this product other than the use intended. NAL Ltd reserve the right to make changes to this product at any time.

For technical enquiries
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