

HoverJack[®] Air Patient Lift

From HoverTech International

Equipment Manual

Issued: June 1, 2008





**HOVERJACK® AIR PATIENT LIFT
EQUIPMENT MANUAL
TABLE OF CONTENTS**

Instructions for Use	Page 1& 2
Required & Optional Accessories	Page 3
Cleaning and Maintenance	Page 4
Returns and Repairs	Page 5
Product Specifications	Page 6
Warranty Statement	Page 7 & 8
Frequently Asked Questions	Page 9
Schematics	Page 10 - 16



HoverJack® Instructions for Use

1. Place HoverJack on floor next to the patient, making sure the chamber with Valve #4 is on the top and the chamber with Valve #1 is against the floor.
2. Make certain that all four red-capped deflation valves are capped tightly to maintain inflation.
3. Log roll patient onto the deflated HoverJack and position patient with feet at the valve end where indicated.
4. The patient can be placed on top of the HoverJack using the HoverMatt® Air Transfer System. (See HoverMatt® instructions). If the HoverMatt® is used, make certain that the HoverMatt® and patient are properly centered on the HoverJack. **Always deflate the HoverMatt® prior to inflating the HoverJack.** Using buckles, secure patient safety straps around the patient.
5. Plug in HoverTech International air supply.
6. Hold hose against inlet Valve #1 of HoverJack.
7. Turn on air supply to begin inflation with valve #1.
8. When fully inflated, remove hose. Valve will automatically close, keeping chamber inflated.
9. Using the same process, move to Valve #2, Valve #3 and Valve #4 in exact succession.
10. Turn off air supply and cap valves.
11. Transfer from HoverJack onto adjacent surface using the HoverMatt®. **Transfer without the HoverMatt® Air Transfer System may cause injury.**
12. If it is necessary to lower patient down to the floor, release air by opening the uppermost red deflate valve #4. When chamber #4 is fully deflated, move in succession downward to fully deflate HoverJack. **Caution: DO NOT RELEASE ALL CHAMBERS ALL AT ONCE.**



WARNINGS:

- **When moving a patient on the inflated HoverJack, use caution and move slowly.**
- **Make certain that Patient Safety straps are secured before moving.**
- **Never use the Patient Safety Straps to pull the HoverJack, as they may tear.**
- **Move the HoverJack using the Transport Strap at the head-end and/or the handles located along the top perimeter.**
- **Someone should be with the patient at all times while inflating and using the HoverJack.**



Required and Optional Accessories HoverJack® Patient Lift

Required Accessory:

HoverTech Air Supply – CSA Certified against UL544 standards. Hospital approved, 3-prong plug.

Model #'s:

Air200G; Grounded 800W Air Supply

Air400G; Grounded 1100W Air Supply.

Optional Accessory:

HoverJack Storage and Transport Cart – The cart is designed to hold the air supply in the top basket and HoverJack Lift in the lower basket. The cart has wheels for easy transport; this is the perfect way to store the HoverJack for easy access in an emergency.

Model #:

HJC-200; HoverJack Cart



Maintenance HoverJack® Patient Lift

Cleaning Instructions

The HoverJack is constructed of nylon oxford.

The HoverJack may be covered with a sheet or other protective piece to help keep it clean.

The HoverJack can be wiped down with phenolic disinfectants, quaternaries, or other similar type solutions as per hospital protocol for stretchers, OR pads and/or bed mattresses.

Note: If using a protective sheet while moving a patient, make sure it doesn't get caught under the HoverJack. This could be a potential hazard.

Maintenance Instructions

The HoverJack should be periodically inspected to ensure the following:

- All deflation valves are equipped with a red cap.
- The red caps are intact.
- All patient safety straps are attached to the HoverJack.
- All buckles are intact and operational.
- Pull handles are all attached to the HoverJack.
- Inflation valves are all self-sealing with no evident leakage.
- There are no punctures or tears in the HoverJack.



Returns and Repairs

All products being returned to HoverTech International should have a Return Goods Authorization Number issued from the company. Please call 800-471-2776 for an RGA #. Any products returned without the necessary RGA # may cause a delay in the repair time.

If the product is not covered under warranty, a minimum charge of \$100 will be assessed for each repair. Should a repair charge be assessed, HoverTech International will notify the facility and a purchase order for the repair will need to be issued before the repair can be completed. Lead-time for repairs is approx. 2 weeks.

A fee of \$50 will be assessed if HoverJacks are not properly cleaned for repair.

All products should be sent to:

HoverTech International
513 South Clewell St.
Bethlehem, PA 18015
Attn: Repair Dept./RGA #
Phone: 800-471-2776
Fax: 610-694-9601



HoverJack® Specifications

Material:	Nylon Oxford
Construction	RF-Welded
Width:	32" or 39"
Length	70"
Height:	30" Inflated (each chamber 7 ½ in)

HoverTech International Air Supply

Grounded
800 or 1100 watts
CSA Approved; CE Approved
Cord: 14' 18/3 SJT Grey cord
2 Micron Filter
Non-Corrosive 304 Stainless Steel Canister
Spring-wired helix hose covered with PVC

ALL HoverTech International Products are Latex-Free



HoverJack® Patient Lift WARRANTY STATEMENT

The HoverJack patient lift and HoverTech International air supplies are warranted to be free from defects in materials and workmanship for (1) one year. Warranty begins on date of in-service by a HoverTech International representative or shipment date.

In the unlikely event that a problem arises as a result of a defect in materials or workmanship, we will promptly repair your item or replace it if we feel that it cannot be repaired – at our expense and discretion using current models or parts performing the equivalent function – upon receipt of the original item to our repair department. You must pre-notify HoverTech International by phone (800-471-2776). Item is to be insured by you against loss during transportation and must be shipped with transportation and/or broker charges prepaid. Should a HoverJack or motor be returned, which is not covered under warranty, there will be a minimum \$100 service charge plus shipping costs. Lead-time for repairs is approx. 2 weeks. Please refer to page 5 for return instructions.

This warranty is not an unconditional guarantee for the life of the product. Our warranty does not cover product damage that may result from use contrary to Manufacturer's instructions or specifications, misuse, abuse, tampering, or damage due to mishandling. Warranty specifically does not cover product damage that may result from using an air supply that produces more than 3.5 psi to inflate the HoverJack. Equipment that has been neglected, improperly installed or maintained, repaired or altered by someone other than an authorized representative of Manufacturer, or operated in anyway contrary to the operating instructions, shall void this warranty.

This warranty does not cover normal "wear and tear". Component parts-particularly any optional equipment, valve caps, their attachments and cords will show wear with use over time and eventually may need to be refurbished or replaced. This normal type of wear is not covered by our warranty, but we will provide prompt, high quality repair service and parts at a nominal cost.



HoverTech International's liability under this warranty and on any claim of any kind for any loss or damage arising out of, connected with, or resulting from the design, manufacture, sale, delivery, installation, repair or operation of its products, whether in contract or tort, including negligence, shall not exceed the purchase price paid for the product and upon expiration of the applicable warranty period, all such liability terminates. The remedies which this warranty provides are exclusive and HoverTech International shall not be liable for any incidental or consequential damages.

There are no warranties, express or implied, which extend beyond this warranty statement. The provisions of these warranty clauses are in lieu of all other warranties, expressed or implied, and of all other obligations or liabilities on HoverTech International's part and neither assumes nor authorizes any other person to assume for HoverTech International any other liability in connection with Manufacturer sale or lease of said products. HoverTech International makes no warranty of merchantability or fitness for a particular purpose. There is no warranty that the goods will be fit for a particular purpose. By accepting the goods, the buyer acknowledges that buyer has determined the goods are suitable for the buyer's purposes.

MANUFACTURER'S SPECIFICATIONS ARE SUBJECT TO CHANGE.



FREQUENTLY ASKED QUESTIONS

1. Can you over inflate the HoverJack and cause it to burst?

No, not if you are using the HoverTech International Air Supply. The HoverJack has been tested under conditions that would “over-inflate” using this air supply.

2. If you open the red-capped valves, does the HoverJack deflate very quickly, causing it to be unstable and the patient to fall?

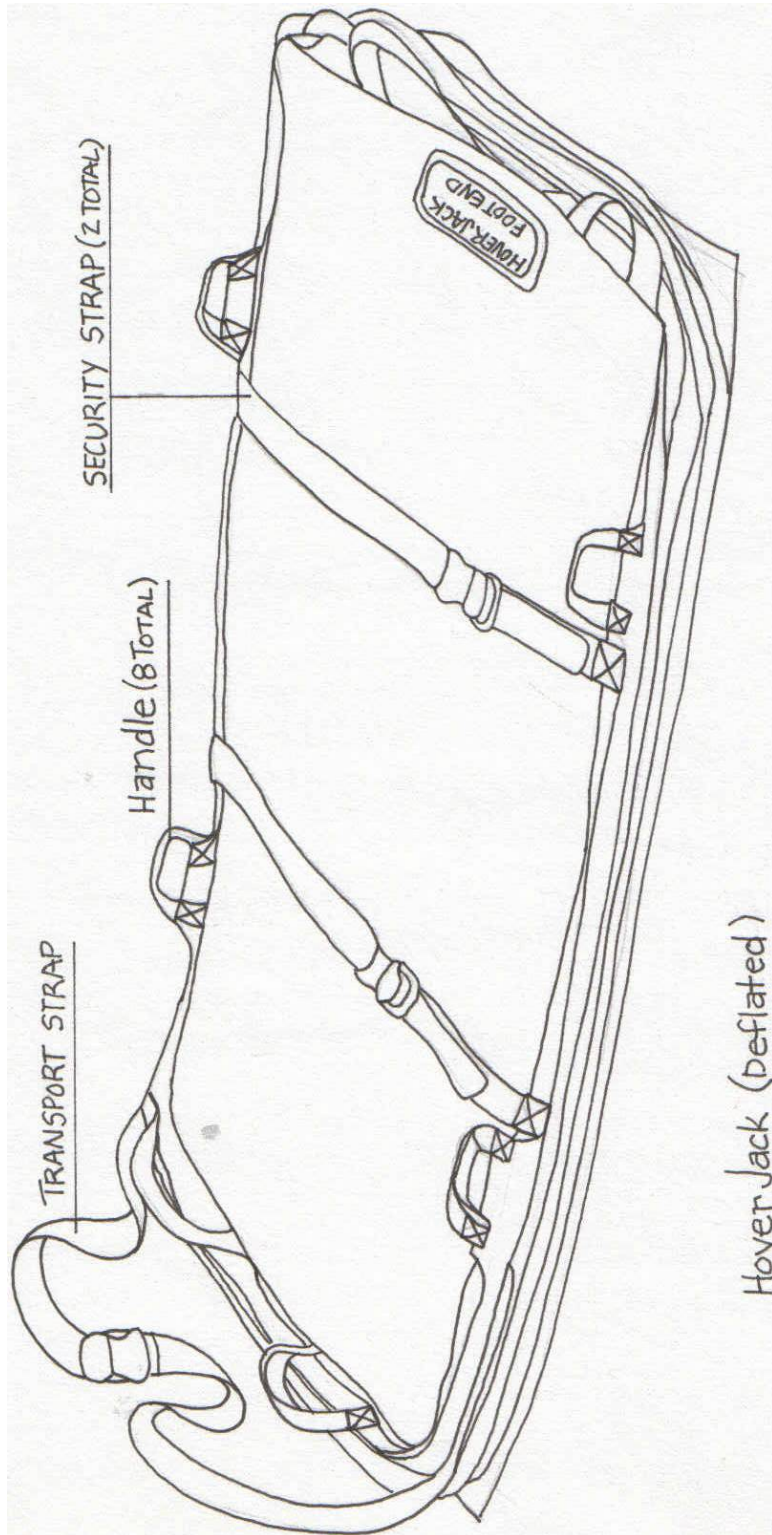
Yes, if you open the red-capped valves all at one time. However, opening the red-capped valves one at a time, beginning at the top, permits the HoverJack to deflate rather slowly, but steadily. The HoverJack remains stable when deflated properly.

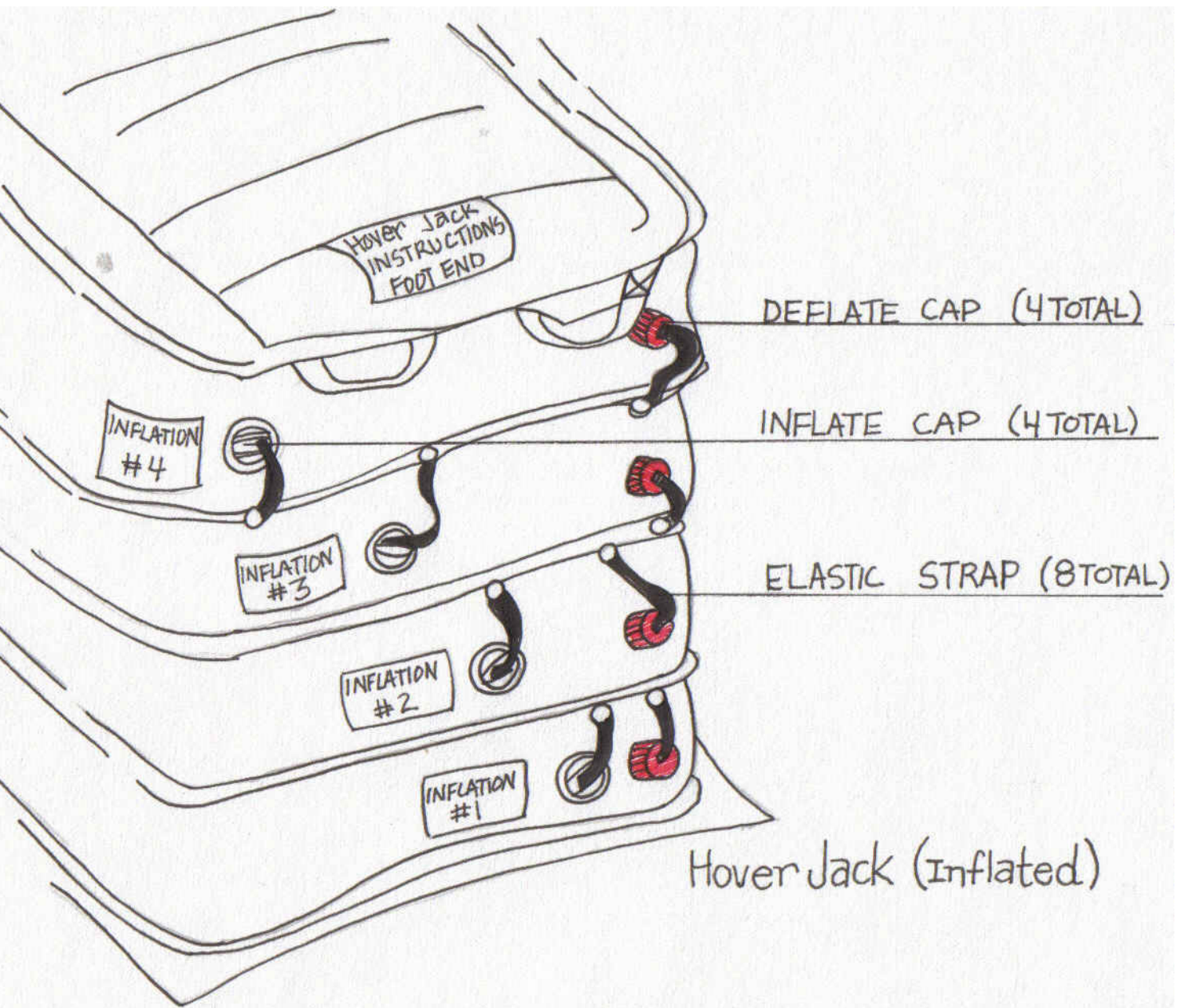
3. If we want the HoverJack to lift the patient a moderate amount, do all of the chambers have to be inflated for it to be stable?

No. The HoverJack is made to be stable regardless of how many chambers are inflated. However, the chambers **MUST** be inflated consecutively from the floor up. In other words, if you only want to inflate 3 chambers, you must inflate chambers 1, 2 & 3.

4. Will the HoverJack lift a very heavy patient?

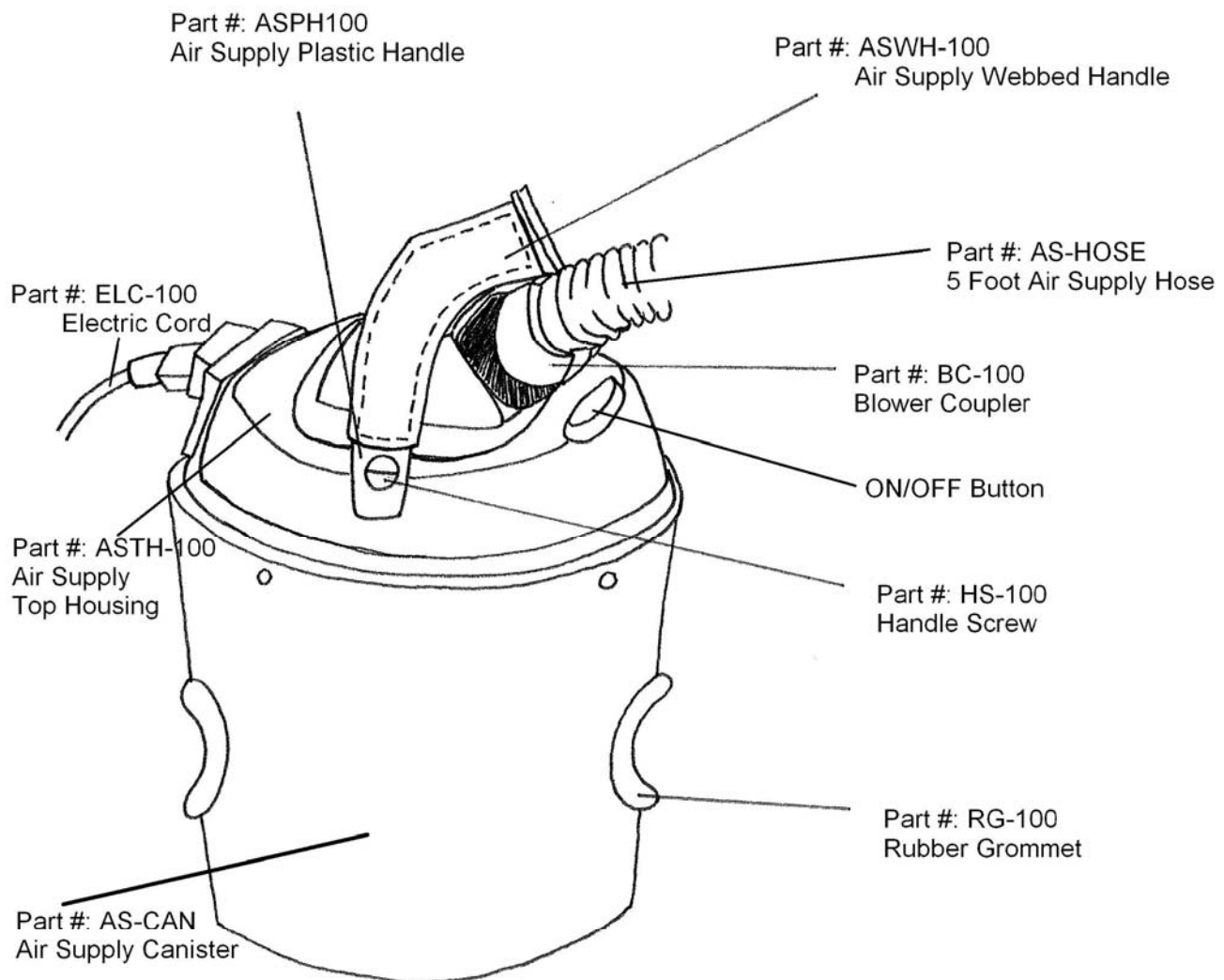
Yes. The HoverJack has been successfully tested under the weight of 1100 pounds. When lifting heavy patients, extra caution must be taken to center them properly on the HoverJack.



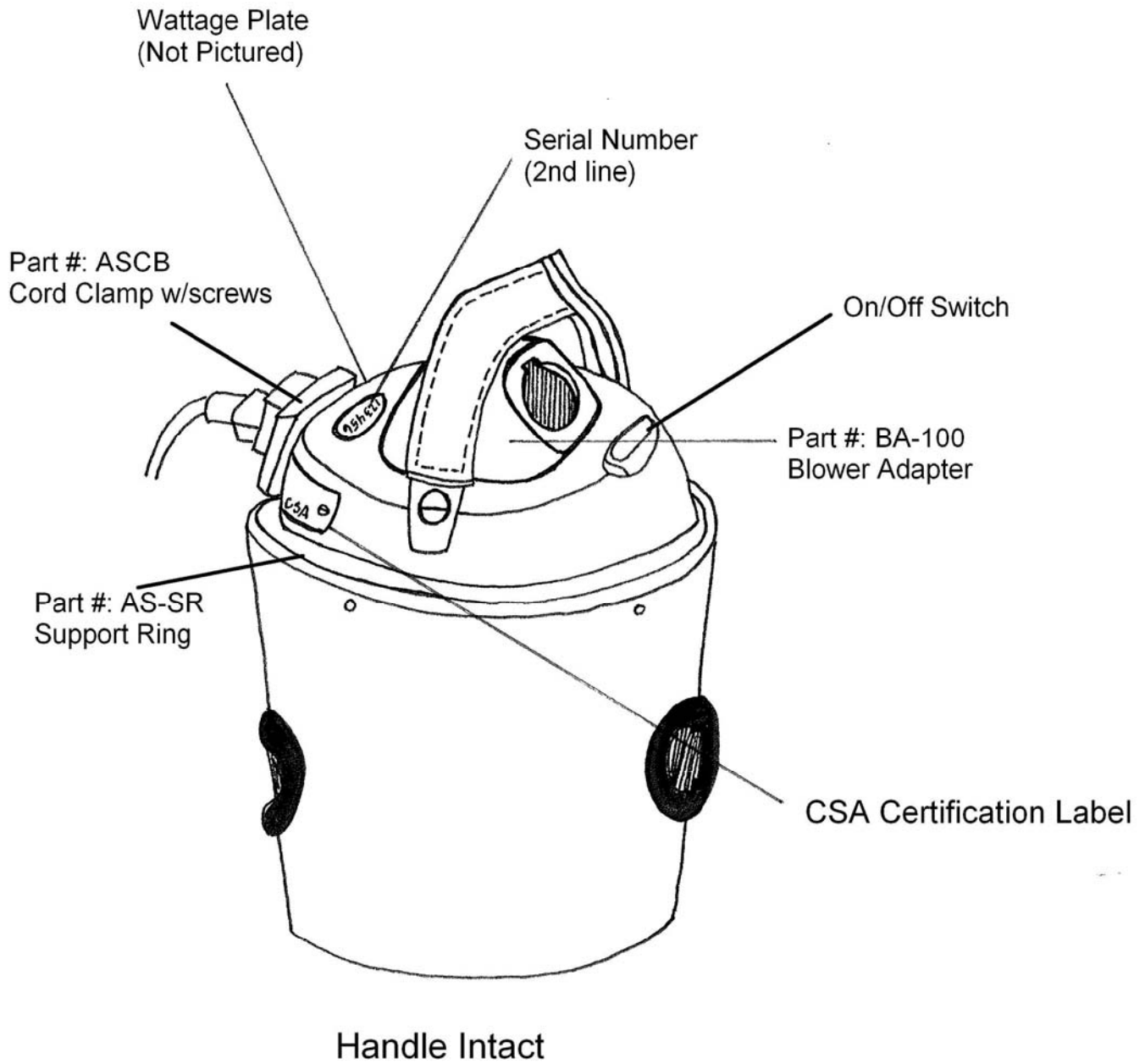


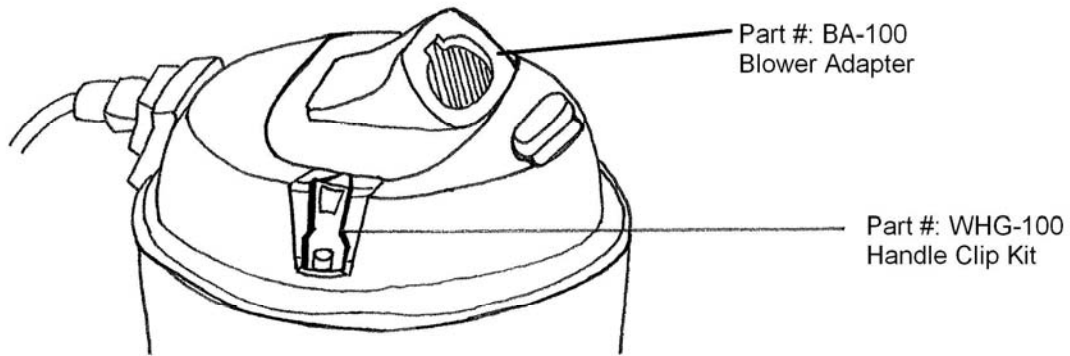


HoverTech International Air Supply Unit

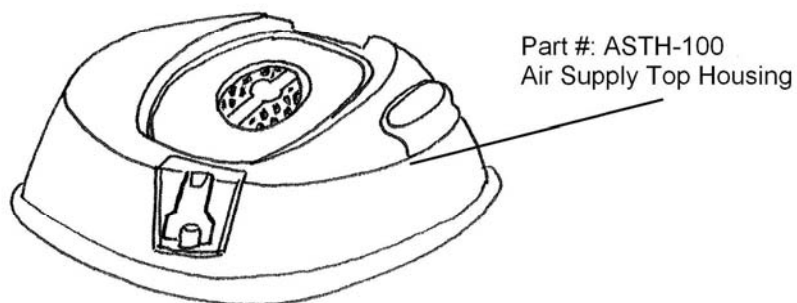


Hose Attached

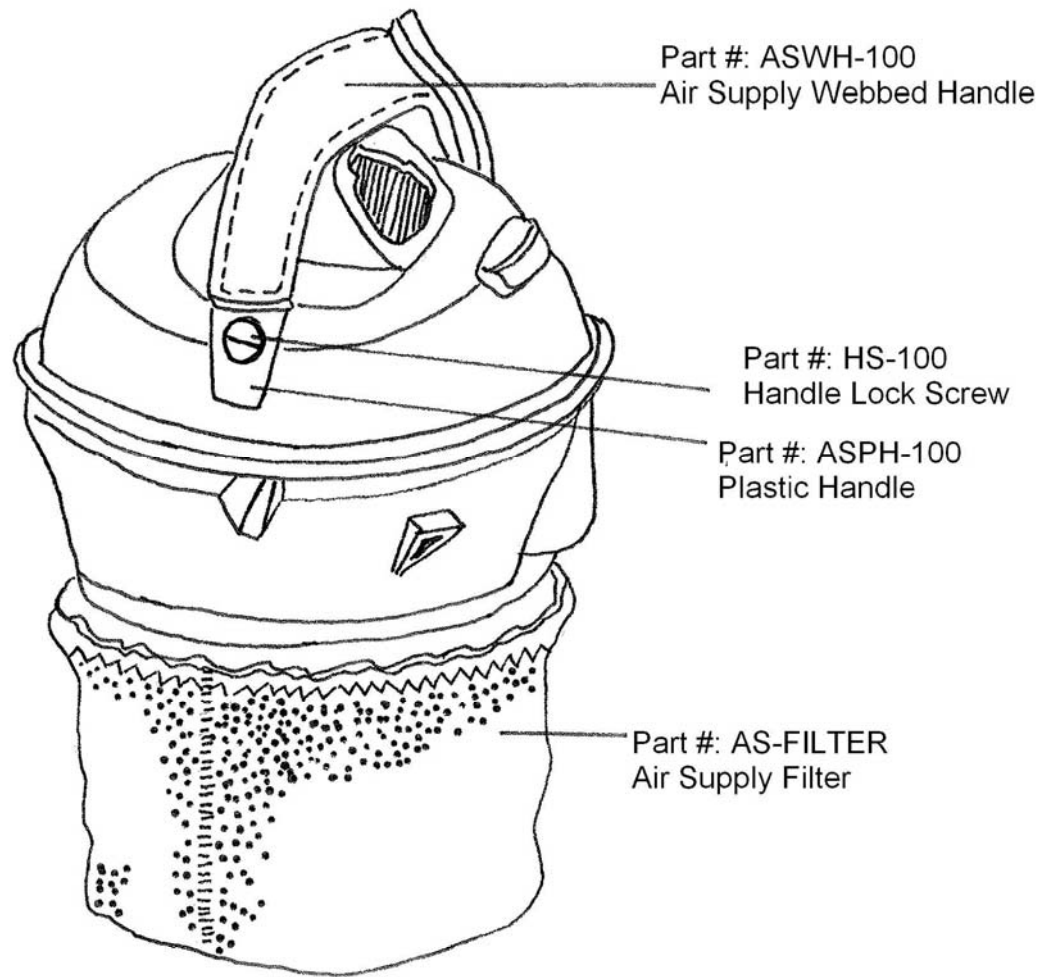




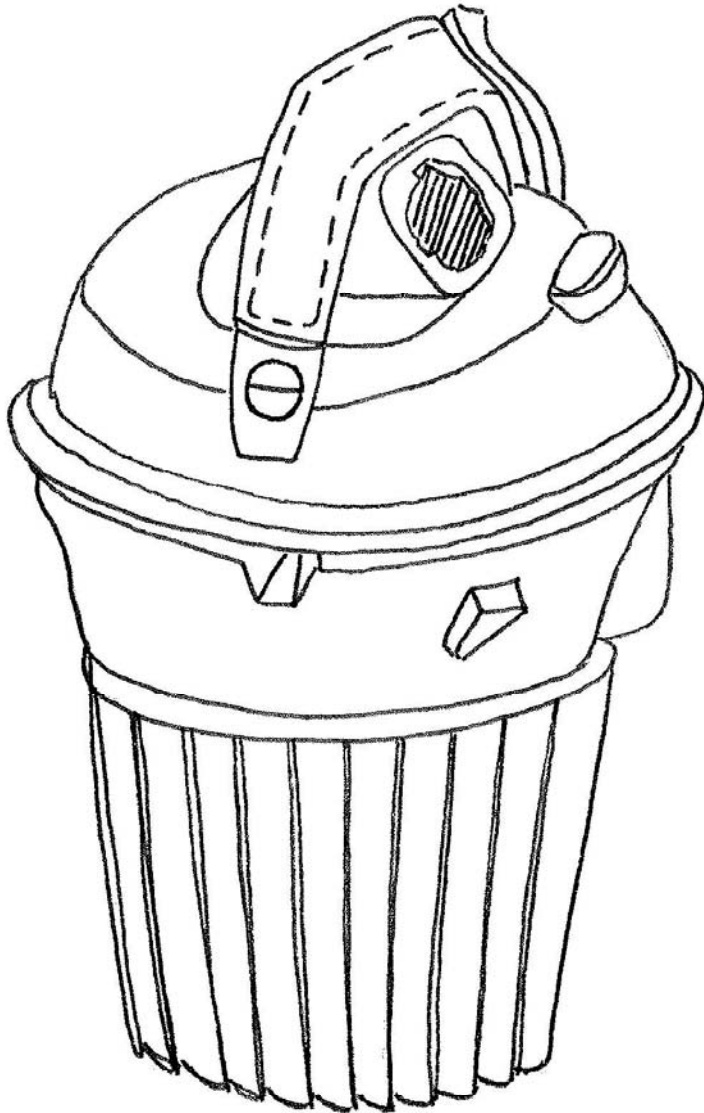
HANDLE REMOVED



BLOWER ADAPTER(BA-100) REMOVED



FILTER (METAL BOTTOM REMOVED)



**METAL BOTTOM AND
FILTER REMOVED**