



Bio CartTM

HEPA-UVC 13LT

USER MANUAL

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INTRODUCTION

During construction, maintenance or when inspections are performed in an area that may contain dust, dirt or biological contaminants, there is always the possibility for those contaminants to be released into the room and picked up by the air currents and spread to additional areas.

When major remodeling or repairs are performed it has been standard practice to install a long term, but temporary containment area with spring poles and plastic film using HEPA air scrubbers to filter out the contaminants and exhaust clean air out of the contained area and provide a NEGATIVE PRESSURE in the work area to prevent particulates from escaping from any tiny holes or seams in the structure.

Installing this type of containment creates dust hazard during the installation and removal so the area immediately around it must be evacuated of sensitive individuals during that time.

If the work to be done is a simple re-lamping or running a new IT cable, the time to evacuate, build and remove a temporary containment room is much greater than the time to do the actual work. A more efficient way to provide HEPA containment with Negative Pressure for normal work, without evacuation, was needed, therefore the Portable Containment Cart was developed. It is rolled into place, plugged in to start the HEPA Air Scrubber, which will immediately start filtering out dust and exhausting clean air while the top is raised up to seal off the area of the ceiling where the work is to be done in a very short period. The area is protected while the work is performed, the ceiling tiles or light diffusers replaced. The Top of the cart is lowered just enough to clear the ceiling while it is transported to the next work area. If the next work area is in another room or on a different floor, the top can be fully retracted to move the cart through doors or into an elevator to reach that area.

INTRODUCTION Continued

The Bio Cart HEPA-UVC 13LT has added features that make this process even more efficient and safe. The top is raised and lowered with one finger on the Power Lift switch or the tablet touch screen. The HEPA chamber for the Bio Cart HEPA-UVC 13LT has UVGI lights to neutralized captured biological contaminates, the clean air is exhausted out the bottom in a diffused pattern to prevent disturbing paperwork on tables and desks in the area, the ladder lowers inside the cart so it can be moved without making a second trip to move a step ladder that may be too tall to remain inside the Bio Cart while moved.

Tablet based manometer reads and calculates the number of air changes per hour provided by the air scrubber blower and HEPA filter. This is displayed on the right side of the tablet screen.

Caution LED light strips are on 3 sides of the exterior with 3 modes to alert occupants to a maintenance operation in progress.

UNPACKING

DO NOT ACCEPT A PALLET THAT SHOWS VISIBLE DAMAGE!

- Report damage to driver
- Take photos of the damage
- Refuse the shipment
- Contact Air-Care at 800.322.9919 or cs@air-care.com

Remove packing and straps from exterior of Bio Cart HEPA-UVC 13LT and pallet. Do not dispose of packing until you have completed your inspection of the Bio Cart HEPA-UVC 13LT inside and out. If the Bio Cart HEPA-UVC 13LT needs to be returned due to damage, you will need the packaging to repack.

Carefully lift the Bio Cart HEPA-UVC 13LT from pallet with appropriate fork Lift and place on smooth, level surface. Ensure brakes are set on wheels before leaving the Bio Cart HEPA-UVC 13LT unattended.

Once unpacked, please inspect the interior of the Bio Cart HEPA-UVC 13LT for any signs of damage, this includes the box of accessories behind the ladder. Please take photographs of any damage and report it to Air-Care immediately.

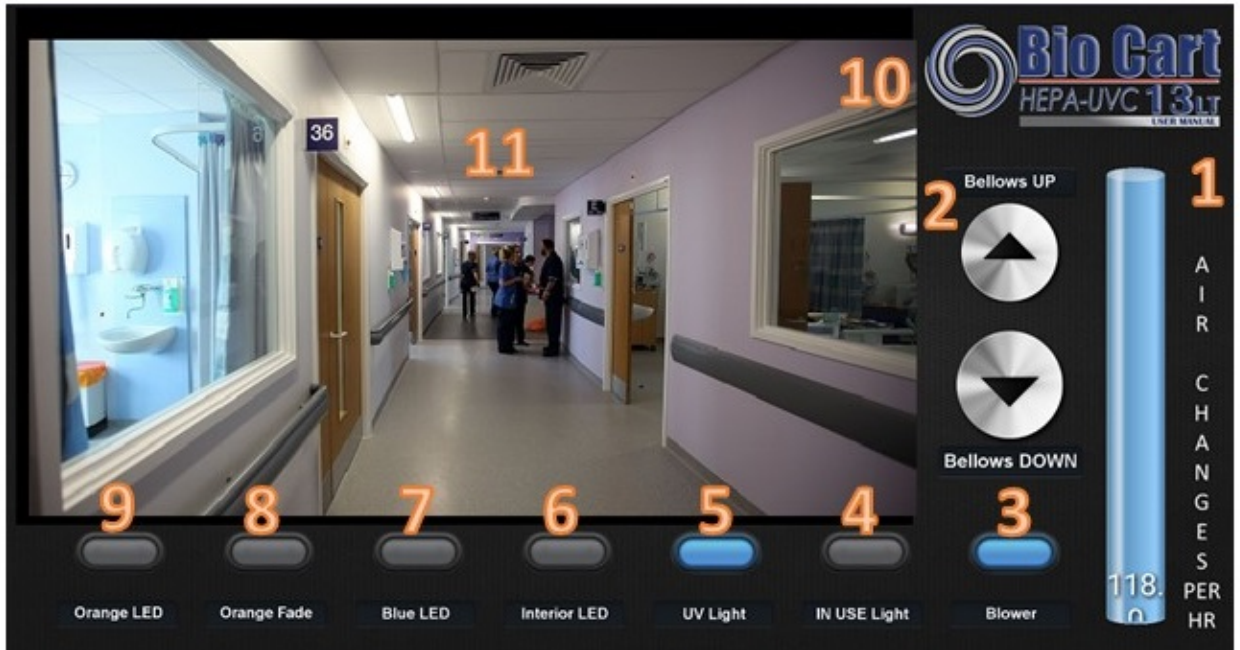
CONTROL PANEL



1. AC Power with (2) USB Connectors
2. Bellows up and down
3. Interior lights
4. In Use light
5. Battery power
6. Air scrubber speed control
7. 12 VDC input
8. Battery status
9. AC power status



TABLET



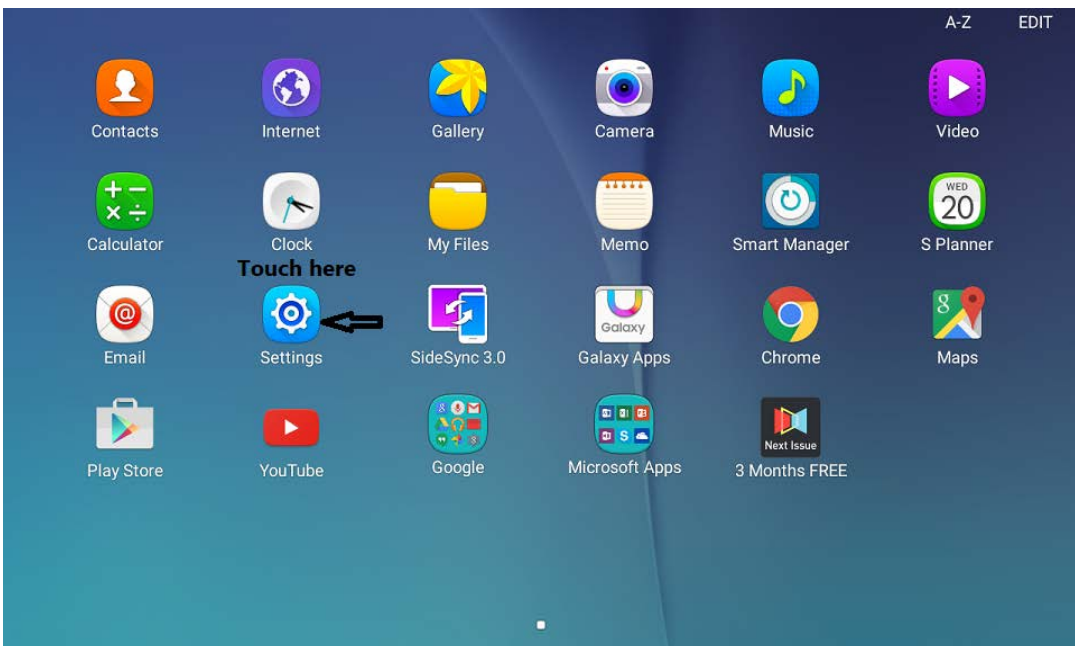
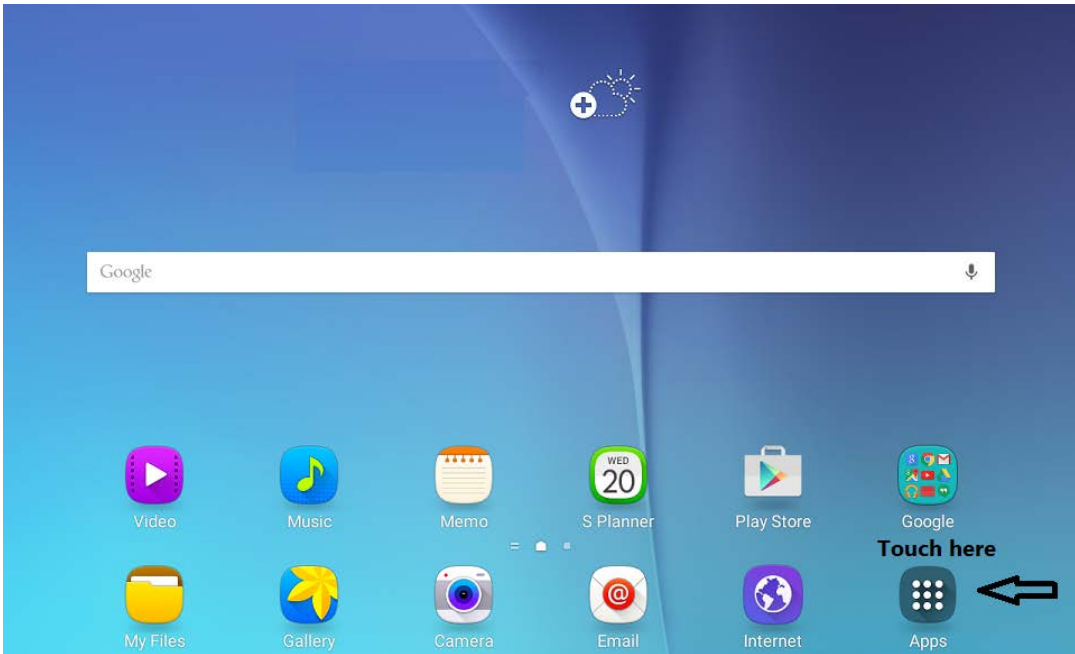
1. ACH (Air Changes per Hour)
2. Bellows up and down
3. Blower Motor
4. In Use Light
5. UV Light
6. Interior LED
7. Exterior Blue LED Light
8. Exterior Orange LED Light Fade
9. Exterior Orange LED Light
10. User Manual
11. Camera



TABLET

Do not accept android system updates. To verify that your table is set not to accept updates. Please follow the directions below to confirm.

Note: Tablets ship from Air-Care with updates set to off



TABLET - Continued

Settings	SEARCH	About device
Lock screen and security		Software update
Privacy		Status
Accessibility		Show status of battery, network, and other information.
Accounts		Legal information
Backup and reset		Device name
System		Galaxy Tab E
Language and input		Model number
Battery		SM-T560NU
Storage		Android version
Date and time		5.1.1
User manual		Android security patch level
About device	Click here	2015-11-01
		Kernel version
		3.10.49-6302417 dpi@SWDD5922 #1 Wed Nov 18 11:32:12 KST 2015

Settings	SEARCH	← Software update
Lock screen and security		Update now
Privacy		Check for updates and download them. Downloading via mobile networks may result in additional charges. If possible, download via a Wi-Fi network instead.
Accessibility		Auto update slide to the off position
Accounts		Check for updates automatically.
Backup and reset		
System		
Language and input		
Battery		
Storage		
Date and time		
User manual		
About device		

TESTING

The Bio Cart HEPA-UVC 13LT has mechanical, electronic, tablet and camera functions to test. If any of these tests fail, contact Air-Care Immediately. 800-322-9919 or cs@air-care.com. The Bio Cart HEPA-UVC 13LT may require the ladder to be removed to perform some of the tests

- Test the brakes on the 2 wheels with brakes to ensure they will secure the cart in working position.
- Test the swivel locks on the 2 caster wheels. Lock the swivel and engage a wheel brake at the same time.



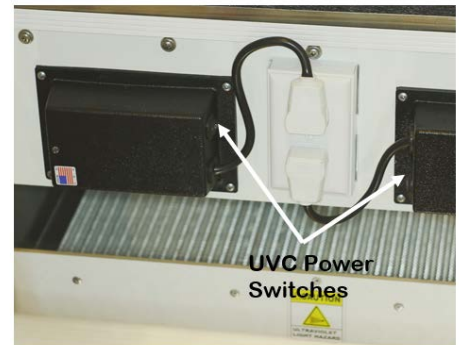
Front wheel



back wheel

TESTING Continued

Turn off all switches in the Bio Cart HEPA-UVC 13LT before connecting to AC power at the same time.



- 2 switches on the UVC lamps power boxes are below the Pre-filter.
- The “IN USE” light Switch on the Control Panel.
- The “Interior Light” Switch on the Control Panel.
- Turn the Air Scrubber Motor “Speed Control” to OFF (fully CCW) on the Control Panel.
- Turn the Battery Switch OFF.
- The tablet charging cord can remain connected.

TESTING Continued

The retractable power cord is on the end of the cart opposite the door.



- Inspect the GFI power plug for damage
- Pull the power cord out several feet, give it some slack, and it should lock in place.
- Pull the cord tight again and allow it to be pulled in and rolled up into the cart.

TESTING Continued

Step inside the Bio Cart HEPA-UVC 13LT to test the electrical system.



If the AC meter does not light up blue, when the power cord is in a live, properly grounded outlet, make sure the GFI is plugged into a live outlet and the GFI green indicator is on.

When the BLUE panel meter is on, turn on the “IN USE” light switch and verify that the IN-USE light, on the outside of the door, is lit.



TESTING Continued

Turn the “Speed Control” switch clockwise until it clicks and set it to “HIGH”.



The Air Scrubber fan will turn on. If it does not, leave the switch on until you test the UVC interlock switch. When the UVC lamps are ON, the Blower should run, but when the HEPA replacement door on the outside is open, the UVC lamps and the blower will not turn on.

TESTING Continued

The last control to be tested on the panel is the power lift.



The Bio Cart HEPA-UVC 13LT has a maximum height of over 13 feet, so you may not be able to fully raise it at this time.

Press the UP (TOP) of the Rocker switch on the control panel, and the GREEN light will light. The top of the Bio Cart HEPA-UVC 13LT will begin to rise with the yellow and black bellows. RELEASE the switch and it will stop. When raising it to the ceiling, release the button just as the foam touches the ceiling to prevent any damage to the ceiling or the cart.

Press the DOWN (Bottom) of the rocker switch and the RED light will light and the top will lower back to the transporting position. Release the button when the bellows are fully down.

TESTING Continued

Locate the two UVC/UVGI switches on the black UVC power boxes mounted near the center of the Air Scrubber below the tool box.

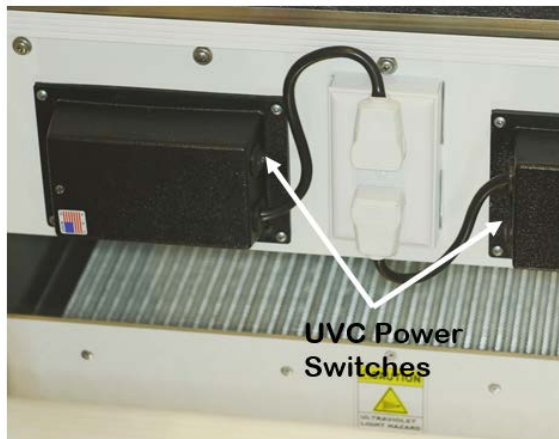
You can remove the extension ladder by loosening the top clamps and sliding them toward the center of the cart, then lift the ladder slightly to slide the feet of the ladder forward a few inches and out of the bottom retainer. Be sure to have the side retainer strap in place as you carefully remove the ladder from the cart. When reinstalling the Ladder, verify that the feet are in the floor retainers and secure the upper clamps

Next, remove the Pre-Filter in the Air scrubber section and note the location of the Circuit Breaker Button on the side of the Retractable Power Cord on the Right side of the Air Scrubber.



TESTING Continued

If the UVC bulbs are not on, turn on both UVC/UVGI switches on the black power units above the clear plastic shield. If they are still not on, check that the door for the HEPA Filter is shut on the outside of the cart.



Unshielded UVC light can cause eye damage, so there is an interlock switch on the external HEPA door that will turn them off when changing the HEPA filter, even if the operator forgets to turn them off. Go to the outside of the cart and open the HEPA access door at the bottom of the rear panel by turning the latches and lowering it to be sure the UVC lights and the Air Scrubber Fan turn off as it is opened.

TESTING Continued

The ladder can be returned to its service position and fixed in position with the upper clamps and its feet slid into the retainers in the floor.



For maneuvering the Bio Cart HEPA-UVC 13LT through lower doors, you may need to reposition the ladder base near the door after loosening the upper clamps. Retighten the upper clamps to secure the ladder in position.

NEVER CLIMB THE LADDER IN THIS POSITION. The Feet MUST BE IN THE FLOOR RETAINERS WHEN USING THE LADDER.

CAMERA/TABLET/LIGHTS



1. ACH (Air Changes per Hour)
2. Bellows up and down
3. Blower Motor
4. In Use Light
5. UV Light
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The Air-Care Bio Cart HEPA-UVC 13LT has advanced features for safety and productivity linked to a Wi-Fi system accessible by Android devices. A 10" tablet is included.

A front facing camera is mounted on the exterior, so the operator can see what is directly in the path of the Bio Cart HEPA-UVC 13LT as it navigated down hallways. The HD image is displayed on the 10" tablet that allows you to record and take photographs.

Exterior LED lighting is viewable on 3 sides of the cart to alert occupants to the activity in the area. The lights have 3 modes. Orange ON continuously, Orange pulse or solid Blue.

The camera and light strips will be most effective while the cart is being moved within the building. The onboard battery will provide 2 hours of operation if fully charged. The "Battery Switch" on the control Panel must be ON to start the camera and lights and initialize the Wi-Fi router to allow the Android tablet to control them. The battery switch must be "OFF" to charge the battery.

CAMERA/TABLET/LIGHTS



1. ACH (Air Changes per Hour)
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Turn on the tablet and touch the Bio Cart App to begin tablet operation.

You will see the image on the screen and the controls along the bottom. The right side of the screen displays the air changes per hour (ACH) of the air scrubber by measuring the pressure drop through the HEPA filter system.

The bellows and lift motors can also be operated from the touch screen on the tablet. Pressing the UP button raises the bellows as long as it is held, and it stops immediately when released. DO NOT HOLD THE BUTTON after it reaches the ceiling or when it is fully down, this will put strain on the motors. There is a limit circuit on the motors to reduce the torque once it has contacted a solid surface.

The tablet should be mounted on the window brackets for observing the camera when the Bio Cart HEPA-UVC 13LT is being moved, and a clamp with articulated arm to hold it is just above the control panel during other operations.

The operational test is complete. THE UVC switches should be left in the ON position and the Pre-Filter must be re- installed.

OPERATION

The Bio Cart HEPA-UVC 13LT is the simplest portable containment cart to operate, and offers more features than other carts.

The Bio Cart HEPA-UVC 13LT should first be moved to the area to be contained. Position under a ceiling tile or light fixture so that all 4 sides of the Bio Cart HEPA-UVC 13LT are outside that area. The wheel brakes should be set.

Pull out enough power cord to reach a nearby power outlet. Always use a grounded outlet. Turn the battery switch to “OFF” to charge the internal battery while The Bio Cart HEPA-UVC 13LT is plugged into the wall.



Step inside the door, close it and press the UP button on the control panel located near the door on the left wall or use the tablet. When the foam seal touches the ceiling, release the button. If the top is raised too far, the ceiling may be damaged.

Turn battery switch to “OFF” to charge the internal battery

The air scrubber motor can be on and in the high-speed range. The power switch is built into the speed control on the control panel. Turn it Clockwise to turn it ON. It starts in high, for lower speeds turn the knob more clockwise.

OPERATION

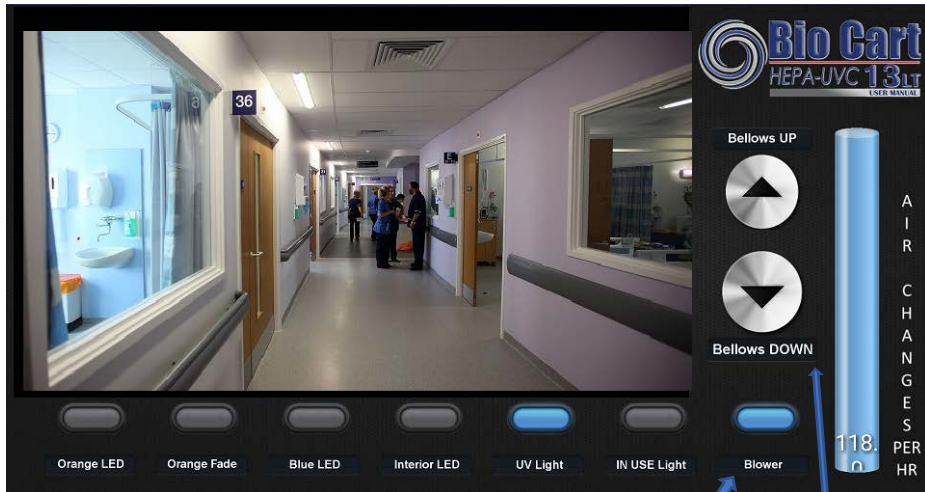
Control Box

Air scrubber motor control

Bellows up and down



Tablet

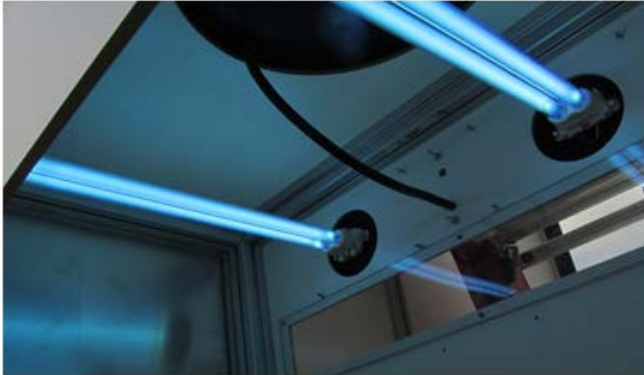


Air scrubber motor control On/Off
You can only control the speed from
Control panel (see above)

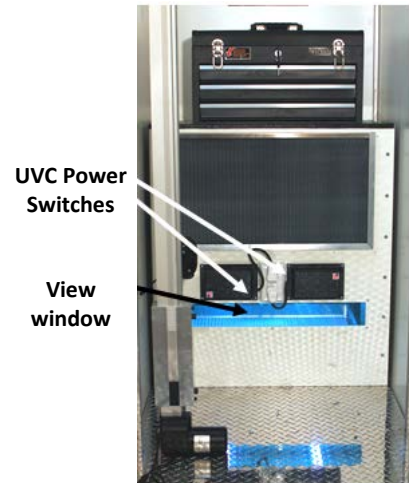
Bellows up and down

OPERATION Continued

The UVC/UVGI lamps should light with a blue glow through the narrow view window near the floor area. If they are not on, the switches are located on the UVC power units near the power receptacle that is above the sight window.



Inside View of UVC/UVGI Lamps above HEPA Filter



For lower ceilings, the 6-foot height of the fully collapsed extension ladder may be tall enough for access. If a more height is needed, unbuckle the ladder retainer on one side and raise the top section of the ladder so it is just 1 step short of the ceiling.

The Interior lights can be left on, but if they are not, please turn them on now. A head mounted work light and a 120-volt halogen work light are included to illuminate the working area above the ceiling. There is a power outlet on the control panel, and a second power outlet near the tool box shelf. Both power outlets include USB connectors for convenient charging of smart devices.

Before opening the ceiling, put on your PPE (safety glasses, dust mask, disposable clothing, etc.).

Climb the ladder and move the ceiling tile out of the way and store it to the side of the opening. For re-lamping light fixtures, you will not normally need to remove any ceiling tiles.

OPERATION Continued

If power tools are required, plug them in to the power outlet located on the control panel.

KEEP THE AIR SCRUBBER RUNNING DURING THE ENTIRE PROJECT AND EVEN WHEN YOU EXIT THE Bio CART. This will maintain Negative Pressure in the Bio Cart HEPA-UVC 13LT and prevent any airborne particles from escaping into the area around the cart.

Once the job is complete, leave the air scrubber on while the ladder is lowered and secured with the strap. You can then safely lower the bellows.

Remove any protective clothing that may be contaminated with debris and store in a plastic bag inside the cart.

Step outside the Bio Cart HEPA-UVC 13LT and close the door securely. It can be locked using the key provided with your Bio Cart HEPA-UVC 13LT.

If required, install the top cover of the Bio Cart HEPA-UVC 13LT and secure with the velcro straps before it is moved to the next work area. ***This Top is NOT durable enough for transporting the Bio Cart HEPA-UVC 13LT in an open trailer or truck at highway speeds!***

Unplug the 40 ft retractable cord and let it wind back up into the Bio Cart HEPA-UVC 13LT.

Unlock the wheel brakes and carefully move the Bio Cart HEPA-UVC 13LT to the next work area. You can utilize the tablet camera feature when moving your Bio Cart HEPA-UVC 13LT.

SAFETY INFORMATION

Air-Care Bio Carts are designed to minimize hazards from dust and debris released from the Ceiling area when work is performed there. The Bio Cart HEPA-UVC 13LT has electrical power and components around which common sense and normal safety procedures must be followed to minimize exposure to any possible dangers.

The Electrical Plug is fitted with a GFI (Ground Fault Interrupter) to shut down power if there is a defective device with improper ground plugged in to the Bio Cart HEPA-UVC 13LT power. Do NOT replace this plug with a normal, non-GFI plug. Do NOT remove the ground pin on the GFI plug. Always plug the power cord into a grounded electrical outlet.

When the Bio Cart HEPA-UVC 13LT is located in the work area, set the Wheel Brakes and swivel locks before stepping inside the Cart to prevent movement that May cause the technician to lose their balance.

The Ladder MUST be fully seated into the bottom Brackets, and the upper support is secured to the ladder with the Clamps provided on the support prior to the technician stepping on to the Ladder. When moving the Ladder, it must be secured with the strap and snap lock attached to one side. This will hold the 3 sections of ladder in a stable configuration while being moved. To move the Bio Cart HEPA-UVC 13LT through doorways, the base of the ladder must be moved toward the door, but do NOT use the ladder in this position.

The Bio Cart HEPA-UVC 13LT is equipped with 2 UVC/UVGI lamps above the HEPA. To prevent eye damage the Bio Cart has a clear window filter that does not allow UVC light to escape, just the safe, “blue” component of the lamps, which is visible. When changing the HEPA filter, an interlock turns off the UVC/UVGI lamps and the Air Scrubber fan motor. DO NOT BY PASS this interlock and if the window is not in place, turn off the UVC/UVGI lamps with the switch on each box above that window.

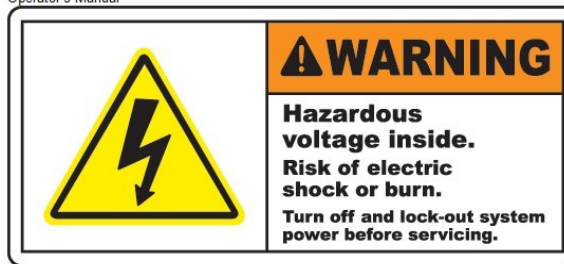


SAFETY INFORMATION

Observe all electrical safety procedures when using lights, Power Tools or other electrical devices in the Bio Cart. 120 Volts AC is present in all the outlets. All power wires are enclosed in protective, insulated tracks or coiled cords. If any wire or covering appears to be damaged, it must be repaired immediately.

The top of the Bio Cart HEPA-UVC 13LT is raised and lowered with a powered actuator. As with all mechanical devices, use caution when operating it and keep all materials clear of the moving parts of the actuator.

Operator's Manual



Motorized Lift (left)



Motorized Lift (right)



If you have any questions regarding the safe and reliable operation of the Bio Cart HEPA-UVC 13LT, contact Air-Care, 800-322-9919 or cs@air-care.com.

MAINTENANCE

The single most important maintenance activity for the Bio Cart HEPA-UVC 13LT is keeping them clean. Since the Bio Cart HEPA-UVC 13LT will be used in a variety of environments, the degree of cleaning will vary with each environment.

The cleaning protocol for each area that the Bio Cart HEPA-UVC 13LT will be used must be understood prior to transporting it to those areas. In Operating Room environments, the cart must be totally wiped down with the proper sanitizer inside and out and all wheel surfaces. In other areas, lesser measures are required. Consult with the staff in the planned work areas for detailed Infection Control procedures. Contact Air-Care if you have questions about how to meet specific requirements.

Generally, cleaning the inside of the cart after each use is recommended. With the Air Scrubber running, the air in the Bio Cart HEPA-UVC 13LT is HEPA filtered. It is recommended that the air scrubber is left running while vacuuming debris off the floor, shelf, ladder and other surfaces.

Wiping down the pleats in the bellows with a damp cloth, inside and out, between all pleated surfaces is recommended. A suitable biocide can also be used.

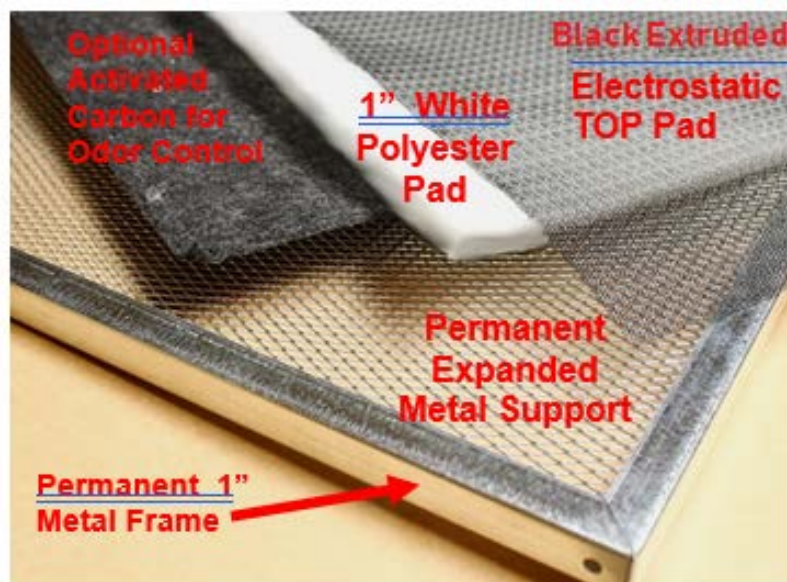
The wall surfaces should also be wiped down regularly.

MAINTENANCE Continued

Cleaning and replacing the Pre-Filters

There are 2 layers for the standard prefilter in the Bio Cart HEPA-UVC 13LT air scrubber unit and an optional 3rd layer of odor adsorbing carbon impregnated polyester pad.

The bottom layer in the filter frame is 1", non-woven, white polyester. The top layer is black, woven, electrostatic polypropylene. These are disposable and should both be replaced when soiled.



Odor adsorbing carbon pad can be placed behind the standard 2 layers. This pad cannot be washed, it must be replaced when dirty or the activated carbon has become fully loaded. There is LESS air flow when the carbon pad is in place, so unless there is a need to remove odors, it does not need to be installed.

MAINTENANCE Continued

UVC/UVGI Lamps Replacement

The UVC/UVGI lamps have a useful life of 10,000 hours. This is just over 12 months of 24/7 illumination. In the Bio Cart, they will not be on continuously, but turning them OFF and ON can sometimes reduce their useful life. Use the observation window in the Bottom of the Air Scrubber section to verify that the bulbs are both operating. The tablet will issue a message when the UVC lamps are due to be changed.

To replace the UVC/UVGI Bulbs, unplug both power cords for the UVC/UVGI power boxes, just above the Bulb Viewing window. Remove the 4- screws on the power unit to be re-lamped, and carefully remove the box and the bulb. Press the Red Release button on the bulb socket and dispose of the bulb in the proper manner for other Fluorescent bulbs with mercury. It is best to replace both bulbs at the same time.



Do NOT touch the glass on the new bulb with your hands, oil from your fingers will cause local heating and early failure of the bulb. Use rubber gloves or other means to hold the new bulb, press it into the socket and be sure it is secure.



Install the power box into the air scrubber section using the 4 screws removed earlier. The far end of the bulb must rest on a support bracket on the wall of the Bio Cart HEPA-UVC 13LT. Verify that the end of the bulb is on that bracket when reinstalling it. When both units are installed, plug them in to the electrical outlet.

MAINTENANCE Continued

HEPA Filter Replacement

DO NOT replace the HEPA while on a work site. Unplug the Bio Cart HEPA-UVC 13LT and open the HEPA door by turning the 2 latches on the Door. Slide the old HEPA out and dispose in the proper manner. It is best to place it in a plastic bag and seal it with Tape before removing it from the area. Some contaminants require the HEPA be Doubled Bagged in 6 mil plastic bags and labeled – check your local regulations for disposing of contaminated materials. The tablet will issue a message when the filter is due to be changed.



Routine Inspection of Electrical Wiring and Interlock

Observe the wires that are visible such as the Power Lift wires and the “IN USE” light wired and if the insulation appears compromised, have it repaired or replaced immediately. The Interlock switch on the HEPA Filter Door must turn off the UVC lights and the Air Scrubber Fan when the door is opened. Contact Air Care if there are any questions on how to replace or adjust it.

Routine Inspection of the Ladder and its supports

Inspect the ladder itself for any missing or loose rivets or other parts. Look for cracks in the side rails and the steps. If these are present, replace the ladder.

The Ladder Supports in the Bio Cart HEPA-UVC 13LT must be in good working order with no missing or damaged parts. Check the pictures of the ladder supports if there is any question how it should look when in good operating condition.

Routine Inspection of the Wheels

The 4 caster wheels must not be broken or loose. Be sure the locking mechanisms work.

Handles, Door Lock, Hinges, Windows and Cart Frame

Test the Door Handle for secure latching when closed and verify that the lock works from both inside and outside. The hinges must not be damaged or missing parts.

Check the windows and frame for loose or missing screws and replace immediately. If the windows become so scratched that the operator cannot see through them clearly, call Air-Care and order replacement panels.

COMPLIANCE INFORMATION

Bio Cart HEPA-UVC 13LT complies with all relevant health and safety guidelines for portable, negative air, dust containment carts used in healthcare facilities such as ICRA 1 through 4, and others listed below.

Because the occupants of healthcare facilities are often more susceptible to contaminants introduced into the air by routine maintenance work to and above the ceilings, the Center for Disease Control (CDC) has created strict guidelines for how this work must be performed while minimizing the risks to sensitive individuals in its guidelines for Infection Control in Healthcare Facilities (ICRA).

Activities such as testing fire and smoke sensors, adding or rerouting wires and fiber optic lines for IT equipment, cleaning air system components, changing electrical wiring, all must include consideration for controlling the amount of dust and infectious particles that might be disturbed and introduced into the air.

The Bio Cart HEPA-UVC 13LT is a portable containment cart that extends to any ceiling 13 ft 2 in high, with a ladder that remains inside to reach the work area. The Bio Cart HEPA-UVC 13LT provides negative pressure and air exchange rates to comply with CDC guidelines to contain dust and infectious particles. Bio Cart HEPA-UVC 13LT adds UVGI irradiation in the HEPA Filter compartment to neutralize infectious particles captured by the 99.97% HEPA filter. The clean air is then exhausted out the bottom as a diffused flow so it cannot disturb documents on desks. The Bio Cart HEPA-UVC 13LT complies with the CDC's ICRA 1-4 Guidelines, and also meets fire control guides for using flame retardant materials and is able to quickly be relocated from fire evacuation routes.

Built to Comply with Standards, and Recommendations

ASHRAE 52.2:2007

ICRA Class 1-4 Compliant

OSHA 1910.1000 Air Contaminants: Nuisance Dust

OSHA IMIS

- 9135, 9130

OSHA/ACGIH Respirable Dust Compliant

CDC/HICPAC Guidelines for Environmental Infection Control in Health-Care Facilities

- 3.b, 3.b, 3.d.iii, 3.d.iv
- Part IV Appendix B. Air,

VI.C.1. Environmental controls

- VI.C.1.a, VI.C.2, VI.E.

★ = Feature is exclusive to the Bio Cart 13LT

★	10" Android Tablet	10" Android tablet with proprietary Air-Care app allows wireless control of the Bio Cart. On/Off touch control for interior LED lighting, exterior LED amber and blue lighting, UV light, Blower, IN USE Light, bellows up and bellow down. When blower is active you can also view real time air pressure.
★	Accessories	150 Watt halogen work light. 5 LED portable head band light with magnetic holder and batteries.
★	Air Scrubber Fan	880 CFM @ 300 watt - 62 Db at max speed with variable speed control capable of reaching up to 6 air changes per minute.
★	Bellows	Fire retardant black and yellow vinyl that is 3 inches high when collapsed and 90 inches extended.
	Cable Pass Through	Cable feed through with heavy bristle air seal.
	Caution Sign	Externally visible LED "IN USE" light.
★	Construction	Extruded aluminum frame and walls made of white melamine with a thermal coating skin provide a durable and easy to clean surface. Motorized dual lifts.
★	Control panel	Control panel with lift up/down switch and air scrubber fan speed control plus interior light switch and "IN USE" light switch.
	Document Protection	Document holder on door.
	Door	Aluminum frame with a white thermal bonded skin that is 27 inches W 66 inches H, locking from inside or outside.
★	Filtration	Permanent and washable electrostatic pre-filter. Carbon odor adsorber pad. 99.97% 0.3 Micron HEPA. UVGI germicidal lamps in HEPA chamber.
★	Interlock	HEPA door switch for fan and UVC/UVGI.
★	Ladder	15 ft. fiberglass 3 section extension ladder 6 ft. closed that meets OSHA requirements for electrical safety and class A rated for 300 lbs.
	Lighting	Interior white LED lighting, exterior blue or amber lighting.
★	Personal Protective Equipment	5 N95 dust masks, 5 sets of disposal clothing including shoe covers, first aid kit, 2 pairs of safety glasses.
★	Power Cord	Built in 14 gauge - 40 ft. long retractable power cord with GFI plug, roll up guide and circuit breaker.
	Power Outlets	Power outlet on Control panel and on tool boxshelf.
	Size Collapsed	73 L 32 W 77 inches H
	Size Fully Extended	73 L 32 W 158 inches H
★	Tool Box	3 drawer locking steel tool box.
★	Top Lifting Mechanism	Two multi-stage power lifts with foam seal at top, for ceilings from 7 ft to 13 ft 2 in high.
	Weight	445 lbs with ladder, tool box and all air scrubber filters installed.
★	Wheels	4 inches dia x 2 inches wide non-marking rated at 2,400 Lb (for 4). 2 with total lock for wheel brake and swivel and 2 with separate swivel lock and wheel brake.
	Windows	Back and front hinged pass through windows.

Specifications subject to change without notice.

LIMITED WARRANTY

Bio Cart HEPA-UVC 13LT

Air-Care warrants this product to be free from defects in materials and workmanship to the original purchaser for a period of Five (5) years from the date of purchase. Components listed below are excluded from this Five year period and are covered for periods described below:

PART	COVERAGE
All wiring, control panels and electrical components	1 Year
Bellows	1 Year
Camera	1 Year
Blower Motor	1 Year
Cord Reels	90 Days
Ladder	1 Year
LED Lighting	1 Year
Lift Motor and Assembly	1 Year
Tablet	90 Days
UV Light Assemblies	1 Year
Wheels and Filters	No Warranty

Warranty covers both parts and labor (labor is to be performed at Air-Care’s facility located at 3868 E. Post Road; Las Vegas, Nevada).

Warranty is extended to the original purchaser and is **NOT** transferrable.

This warranty does not extend to any damage to a product caused by or attributable to freight damage, abuse, misuse, improper or abnormal usage. Warranty is also void if the product has been modified or altered in any way.

The purchaser is responsible for the cost of shipping the equipment to Air-Care’s facility for evaluation. If found to be defective and covered by the terms of this warranty, Air-Care will pay FedEx ground shipping charges on the repaired or replaced item back to the purchaser’s location. Any additional expedited service charges for quicker shipping shall be the responsibility of the purchaser. If the product or component is not found to be a warranty issue, the purchaser will be responsible for return shipping charges. No product or component can be returned without first receiving an RMA number (return merchandise authorization), from the Air-Care Technical Support Department.

Air-Care is not responsible or liable for indirect, special, or consequential damages arising out of or in connection with the use or performance of the product; damages with respect to any economic loss, loss of property, loss of revenues or profits, loss of use, or other incidental or consequential damages of whatsoever nature.

The warranty extended hereunder is in lieu of any and all other warranties, and any implied warranties of any type.

This warranty gives you specific rights. These rights and others vary from state to state.