



# Kontrol Kube HardPanel Use Instructions Guide

## **IMPORTANT SAFETY INFORMATION**

**SAVE THESE INSTRUCTIONS.**

**CAREFULLY READ AND FOLLOW THESE INSTRUCTIONS.**

**WARNING:** Failure to follow all instructions may result in serious injury.

### **INSPECTION**

1. Inspect for damage or missing parts before each use.
2. Never use with missing or damaged parts.
3. Check to see that all parts are in good condition.
4. Never repair a damaged unit without permission from manufacturer.

### **PROPER SET UP AND USE**

1. Inspect for damage or missing parts before each use.
2. **READ ALL LABELS!**
3. **DANGER! METAL CONDUCTS ELECTRICITY! BE CAREFUL!** Use care when using near electrical lines and circuits.
4. Be mindful of pinch points when raising & lowering the unit; and also your knuckles when moving the unit through doorways.
5. Mind your head when stepping in and out of the unit.
6. You should never use a unit if you are not in good physical condition.
7. Unit wheel base is designed to support the weight of one person and material. Maximum weight not to exceed 750 lbs.
8. Do not use in front of unlocked doors.
9. Place unit on firm level ground.
10. Do not use on slippery surfaces.
11. Never place anything under unit wheel base to gain height or adjust for uneven surfaces.
12. Check that all four casters are locked and firmly supported to prevent excessive movement.
13. Use extreme caution getting into and out of the unit.
14. Never move or have someone else move the unit when the unit is occupied.
15. If using a ladder inside the unit, read, understand and follow ladder manufacturer's instructions.
16. Do not use any components not supplied or approved by the manufacturer of this product.
17. Do not use if interior surfaces are wet. If wet, surfaces may be slippery. Dry interior surfaces before entering unit.
18. When using a ladder, never rest or stand on any part of the unit.

### **PROPER CARE AND STORAGE**

1. Always keep unit clean of all foreign materials.
2. Never store materials on unit.
3. Properly support and restrain unit in transit or storage.

The Kontrol Kube HardPanel must be used only as part of a comprehensive airborne contaminant control program. This program must include staff training in the set-up and use of the Kontrol Kube and related equipment. Unit should always be set up in advance in a mock situation to determine that the Kontrol Kube is performing to expectations, and that staff understands proper use

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# Initial Set Up

## Section 1: Package Contents

Your Kontrol Kube HardPanel comes pre-assembled. Assembly is required if you ordered a Negative Air Machine and AirBase to use with the unit. (If ordered, see Section 2 and 3)



--> What your HardPanel should look like out of its packaging.

The Kontrol Kube HardPanel will come packaged with a wooden protective skin. Remove all wooden components and dispose of them properly and remove the unit from the pallet.

## Section 2: Attaching AirBase (negative air machine base)

1. Lock all four casters on the unit's wheels and ensure that the AirBase casters are unlocked.
2. Remove pins from the bottom of the HardPanel unit.
3. Position AirBase forks so they align with the channels on the HardPanel unit.
4. Slide forks completely into the HardPanel channel holes until the sides of the HardPanel and AirBase are completely aligned. If the floor is not level, the AirBase may bind to the unit. To relieve pressure, tilt the HardPanel unit gently and fit the AirBase into position.
5. Slide pins through holes and lock in place to secure AirBase to the HardPanel unit.



6. Place Kontrol Kube Negative Air Machine on AirBase. (see Section 3 for additional instructions)

If using a negative air machine other than the Kontrol Kube Negative Air Machine it may be necessary to use the alternate locking position which allows the AirBase to be secured with a 12" gap between itself and the HardPanel unit.

1. Slide AirBase forks completely into the unit wheel base channels.
2. Slowly pull the AirBase out while looking at the holes located in the channels of the unit wheel base.
1. When the secondary holes in the AirBase forks align with the holes in the unit wheel base slide pins through holes and lock in place.

# Initial Set Up

## Section 3: Attaching Negative Air Machine

Part A: Attaching negative air machine on the outside of the unit:

1. Using the 12" port on the end of the unit, take the port flap out to prepare for attaching it to your negative air machine.



2. Place negative air machine on the AirBase so that both ports are facing each other. Pull port flap over intake manifold on the negative air machine and tighten using drawstrings.

*See Kontrol Kube Negative Air Machine Manual for complete operating instructions.*



Part B: Attaching negative air machine on the inside of the unit:

1. A bag inside your HardPanel unit contains three components: a solid octagon-shaped metal plate, an octagon-shaped metal ring and an extra port flap. These are used for the 8" negative air exhaust port, located on the side of the unit. The solid metal plate is the inside cover for the 12" negative air exhaust port at the end of the unit, which should be attached when using the 8" port.



2. When preparing to use the 8" negative air exhaust port, remove the solid metal plate covering. This will require a power screw driver. Make sure to cover the 12" port with the large metal plate that comes with your unit.
3. Once the 8" port metal plate covering is removed, it is now time to assemble the metal ring and port flap to the side of the unit. This requires two people and a power screwdriver.

# Initial Set Up

4. One person should be on the outside of the unit and one person on the inside. The person on the outside of the unit will line the port flap to the 8" port and the person on the inside will pull it through. Next, take the metal ring and carefully line up the screw holes to the fabric. Screw in all bolts with the power screwdriver.



5. Bring the negative air machine inside the unit, attach it to the port flap and tighten using drawstrings.



# Basic Operation

## Section 1: Raising, Positioning and Extension

1. Roll the unit into position and lock all 4 casters on the unit wheel base.



2. Facing the side of the unit, push lever to the right to unlock the handles. Do this on all 4 sides.



3. Using both hands, grasp both poles and pull up to extend the height of the unit. Switch from both sides when lifting the poles to keep it even. Extend the poles until they reach the top of the ceiling. The unit can accommodate ceilings from 6.5 to 11 ft. The ceiling foam gasket will ensure a tight seal between ceiling and unit.



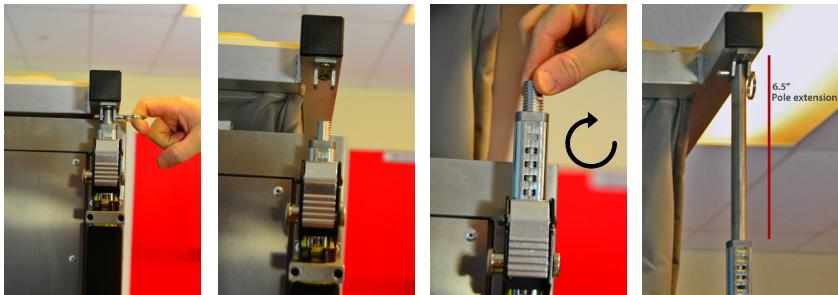
4. Lock all 4 handles by pushing the lever to the left.



If the unit is being raised by two people, both people should extend the poles on either side at the same time. Make sure that all poles are locked into the support channel at the same level.

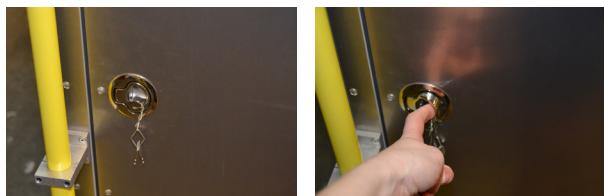
# Basic Operation

- Extending the poles: Remove pin from top of the pole and extend the pole slightly so that at least 3 notches are exposed. Twist to unscrew the threaded extension rod to prepare for extension. Pull extension rod up in its entirety and place below the top of the unit. Push the pin in place to secure the pole. Repeat steps for all 4 poles. Extension poles add 6.5 inches of height to the unit.

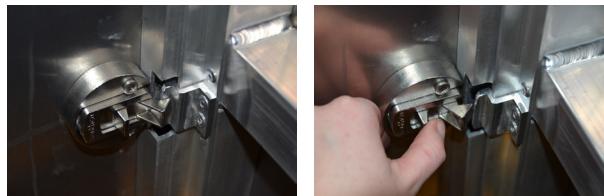


## Part A: Entering and exiting the unit.

- To enter the unit, pull the handle with your index finger until the door opens. The unit comes with a locking door (and a key), which allows tools and equipment to be secured inside. To unlock the door, insert key and twist to the right. To lock the door, insert key and twist to the left.



- To exit the unit, use your thumb to push the lever to the left. The lever will unhinge from the door and open.



# Basic Operation

Part B: Using a ladder inside the unit.

1. The HardPanel can accommodate a 6 ft and 8 ft ladder. Carefully bring the ladder you are using into the unit and place it on either sides of the negative air machine, making sure it is level for stable use.

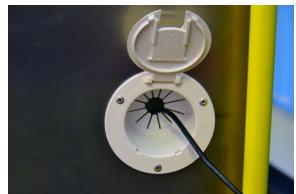


Part C: Using window enclosure pass through and cable pass through ports:

1. Window enclosure pass through: The enclosure pass through is located on one side of the enclosure. With its Velcro attachment, the window can easily be taken off and on. Objects, such as conduit or pipes, can be passed into the unit through this window. When inside the unit, simply pull the window flap down.



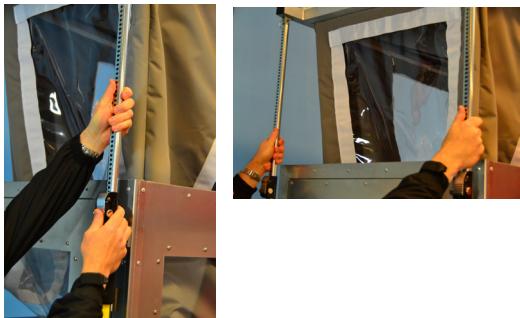
2. Cable pass through: Two white cable pass through ports are located on one side of the unit. These allow cable and wire to be passed through the unit. To open, lift tab at bottom center and then lift flap on front. To close, push flap down and shut tab.



# Basic Operation

## Section 2: Lowering the Unit

1. Grasp both ratcheting support poles and push down on the gray levers.
2. Once the levers are pushed, the poles will come down. Keep bringing the poles down until they reach the top of the unit. Move to the other side and repeat. Continue lowering the unit, one end at a time.



If the unit is being lowered by two people, one person should be on either side lowering the poles simultaneously. Make sure that the poles are going down at the same level.

The HardPanel unit can easily be stored in tight areas, such as a corner or a hallway.

# Applications

## Section 1: Construction and Maintenance

### Part A: Overhead containment access

1. Raise and position the unit under the work area as instructed in *Basic Operation, Section 1: Raising, Positioning and Extension* (page 6).
2. Ensure that all four casters on the unit wheel base are locked before entering the unit.
3. When properly raised, the top of enclosure should rest against the ceiling.
4. Open ceiling zippers as necessary to access work area.
5. Attach the negative air machine as instructed in *Initial Setup, Section 3: Attaching Negative Air Machine* (page 4) and turn on. See *Kontrol Kube Negative Air Machine Manual* for complete operating instructions.
6. If needed, the window enclosure pass through can be used as a pressure relief.
7. When inside containment, make sure that door is closed and enclosure pass through window is secured (unless using for pressure relief).
8. Follow all applicable infection control and containment procedures.

# Washing and Care

The Kontrol Kube HardPanel enclosure can be removed from the unit and machine washed using cold water and a mild detergent or disinfectant such as Fiberlock ShockWave Disinfectant. Allow to air dry.

## Limited Warranty

Fiberlock Technologies, Inc. ("Fiberlock") warrants Kontrol Kube products against defect in material or workmanship for the time periods and as set forth below. Pursuant to this Limited Warranty, Fiberlock will, at its option, (i) repair the product or (ii) replace the product. In the event of a defect, these are your exclusive remedies.

**Fabric Enclosure** - For a period of 1 year from the original date of purchase of product, Fiberlock will repair or replace, at its option, the damaged part in exchange for parts determined to be defective.

**Unibody Frame (6500) and AirBase (6542)** - For a period of 5 years from the original date of purchase of product, Fiberlock will repair or replace, at its option, the damaged part in exchange for parts determined to be defective.

**Ratcheting Support Poles** - For a period of 1 year from the original date of purchase of product, Fiberlock will repair or replace, at its option, the damaged part in exchange for parts determined to be defective.

This warranty covers only product issues caused by defect in material or workmanship during normal use as described in the manual; it does not cover cosmetic damage or damages caused by any other reason, including but not limited to acts of God, misuse, modifications of or any part of the product, or normal and expected wear and tear.

Proof of purchase in the form of a bill of sale or receipted invoice which is evidenced that the unit is within the Warranty period must be presented to obtain warranty service.

**Instructions:** To obtain warranty service, you must deliver the product, freight prepaid, in either its original packaging or packaging affording an equal degree of protection to Fiberlock. For specific instructions on how to obtain warranty service for your unit call Fiberlock at 1-800-342-3755.

**LIMITATION ON DAMAGES:** FIBERLOCK SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BEACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THESE PRODUCTS.

**DURATION OF IMPLIED WARRANTIES:** EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.