



User's Manual

U.S. Postal Service Dust Containment Unit Labconco #5400000



Protecting your
laboratory environment

LABCONCO.

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If you have questions that are not addressed in this manual, or if you need technical assistance, contact Labconco's Customer Service Department or Labconco's Product Service Department at 1-800-821-5525 or 1-816-333-8811, between the hours of 7:00 a.m. and 6:00 p.m., Central Standard Time.

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CHAPTER 1

INTRODUCTION

The Labconco Dust Containment Unit was specifically designed for the containment and collection of dust while cleaning U.S. Postal Service machine components. It provides a controlled system for the use of compressed air to assist in dust removal. When properly maintained and operated, the Dust Containment Unit will offer years of dependable service.



WARNING: The Dust Containment Unit is NOT suitable for the containment of harmful chemicals or any biohazards, and should not be considered appropriate for handling suspicious materials.

Please read this Instruction Manual and follow U.S.P.S. prescribed procedures to achieve effective cleaning and maximum containment of dust.

About This Manual

This manual is designed to help you learn how to install, use, and maintain your Dust Containment Unit. Instructions for performing routine maintenance are also included.

Chapter 1: Introduction provides a brief overview of the Dust Containment Unit including safety issues. The section explains the organization of the manual and defines the typographical conventions used in the manual as well.

Chapter 2: Getting Started contains the information you need to properly unpack, inspect, install, and test your Dust Containment Unit.

Chapter 3: Using Your Dust Containment Unit discusses the basic operation. Information on how to use the device properly is given.

Chapter 4: Maintaining Your Product explains how to perform routine cleaning and maintenance on your Dust Containment Unit.

Chapter 5: Troubleshooting contains a table of problems you may encounter.

Appendix A: Replacement Parts contains a list of common components and supplies that may need to be ordered over the life of the unit.

Appendix B: Wiring Diagram contains the wiring data for the Dust Containment Unit.

Appendix C Dimensions contains comprehensive diagrams showing machine dimensions.

Typographical Conventions

Recognizing the following typographical conventions will help you understand and use this manual:

- Book, chapter, and section titles are shown in italic type (e.g., Chapter 2: Getting Started).
- Steps required to perform a task are presented in a numbered format.
- Comments located in the margins provide suggestions, reminders, and references.
- Critical information is presented in boldface type in paragraphs that are preceded by the exclamation icon. Failure to comply with the information following an exclamation icon may result in injury to the user or permanent damage to your Dust Containment Unit.
- Important information is presented in capitalized type in paragraphs that are preceded by the pointer icon. It is imperative that the information contained in these paragraphs be thoroughly read and understood by the user.



Air Service

This Dust Containment Unit requires a supply of clean compressed air. The equipment does not contain a compressed air filter or pressure regulator. (See Chapter 2 for details).

Electrical Service

The unit will operate connected to a standard 15-amp, 115 Volt, 60 Hz duplex-grounded outlet. A 9 ft. power cord is supplied.

Components Included

The following parts are included with the Dust Containment Unit and supporting parts:

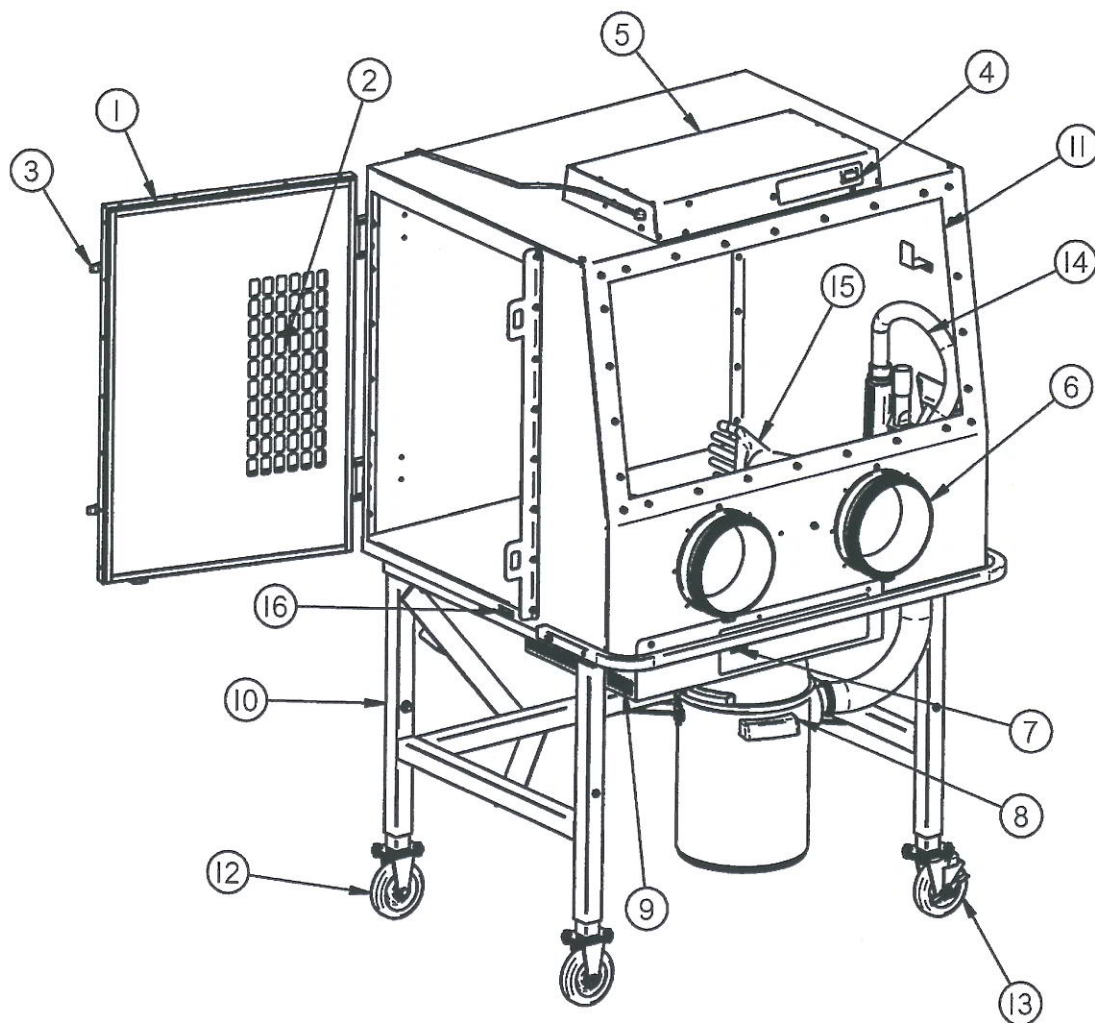
QTY.	ITEM
1	Dust Containment Chamber
1	Air line and Blow Gun (attached)
1	Vacuum System (attached)
1	Interior Lights Housing (attached)
1	Power Cord (attached)
2	Gloves (1 pair)
2	Glove Port O-Rings
2	Glove Port Band Clamps
1	Stainless Steel Vacuum Canister
1	Polyester Prefilter Bag
1	HEPA Filter Cartridge w/ Foam Prefilter
1	Paper Filter Bag
1	Hardware Bag (for mounting casters to the stand)
16	5/16" Hex Bolts
16	5/16" Locking Nuts
1	4-ft Vacuum Hose w/Ends
1	Brush Attachment
1	Narrow Straight Attachment
1	Flat 5-inch Wide Attachment
2	Rigid Plate Casters
2	Locking Swivel Casters
1	Base Stand with Adjustable Telescoping Legs
1	Ball Transfer Plate

Safety

WARNING: This device is intended for the containment and collection of dry dust.

- Do not use the DCU for Biohazard Decontamination.
- Do not use the DCU for storing or handling suspicious materials.
- Do not use liquids in the DCU.
- Do not use solvents in the DCU. Explosion can occur.
- Do not place items in the DCU that exceed 200 lbs.
- Do not bypass interlocks or any other safety feature.
- Do not exceed specified compressed air inputs of 85 psi.
- Use safe lifting techniques when loading heavy objects. Get help when lifting heavy objects into the DCU or use a lift table to help transition heavy objects.
- When the DCU is in use the vacuum must have a HEPA filter in place.
- Never use the compressed air blowgun if any part of the Dust Containment Unit is missing or damaged.

Index of Features



Item #	Part	Description
1	Access Door	Gasketed door is the means for loading and unloading components into the chamber. Door must be closed for the compressed air to operate.
2	Intake Air Filter	This filter provides the passage for make-up air to enter the chamber and the resistance to maintain a slightly negative pressure within the Dust Containment Unit.
3	Door Latches	Heavy-duty draw latches ensure a proper seal.
4	Light Switch	Switch turns the interior lights ON and OFF. This works independently of the vacuum system.
5	Light Housing	Encloses the fluorescent lights and ballast.
6	Glove Port	This is the flange the gloves are secured to. An O-ring, and band clamp are required to keep the gloves in place.
7	Main Power Switch	Turns the vacuum system ON and OFF.
8	Vacuum Motor and Canister	The vacuum motor is permanently connected to the Dust Containment Unit. The canister is removable for cleaning and servicing the filters.
9	Control Box	Houses the electrical connections to the vacuum motor, pressure differential switch, vacuum limit switch, and air solenoid valve.
10	Adjustable Height Base Stand	Sturdy tubular stand has telescoping legs for height adjustment.
11	Viewing Window	Large window to view operations within the unit.
12	Rigid Casters	Are mounted on the door side of the unit.
13	Swivel Casters	Are to be on the handle side of the unit.
14	1-1/4" ESD Vacuum Hose	The vacuum hose inside the chamber is chemically treated to dissipate static electricity. Replace annually.
15	Gloves	Commercially available neoprene "dry box" gloves. Replace if torn or punctured.
16	Door Interlock Switch	Ensures that the door is in the closed position before allowing the airline to operate. (Bottom of door frame)

Not Numbered:

	Air Line and Blow Gun	The airline is connected to the air solenoid valve on one end and the blowgun on the other. Blowgun must conform to OSHA workplace regulations.
	Pressure Differential Switch	A diaphragm switch inside the control box that ensures the vacuum system has suction of a sufficient level before allowing the airline to operate. Vacuum is measured at the top of the 2-1/2" vacuum hose.
	Vacuum Limit Switch	A safety feature that limits the vacuum level that can be achieved within the chamber. This diaphragm switch prevents implosion by shutting down the vacuum system if the intake air supply is obstructed. A small clear tube from the rear of the control box to the top back corner of the unit is used to sense vacuum.
	Ball Transfer Plate	A platform on the floor of the box that allows bulky or heavy objects to be easily manipulated.

CHAPTER 2

GETTING STARTED

Read this chapter to learn about:

- Inspecting and filing damage claims
- Mounting the Casters
- Connecting the Air Service
- Installing the Gloves properly
- Connecting the Vacuum Hose
- Installing the Vacuum Filters
- Attaching the Vacuum Canister
- Installing optional Paper Filter Bag
- Electrically connecting the Box and Lights

Tools required for basic installation:

- 1/2", 7/16" and/or adjustable wrenches
- Large flat screwdriver or nut drivers

Inspecting for Shipping Damage

Carefully remove the carton covering the Dust Containment Unit and inspect it for damage that may have occurred in transit. If your unit is damaged, notify the delivery carrier immediately and retain the entire shipment intact for inspection by the carrier.

The United States Interstate Commerce Commission rules require that claims be filed with the delivery carrier within fifteen (15) days of delivery.



DO NOT RETURN GOODS WITHOUT THE PRIOR AUTHORIZATION OF LABCONCO. UNAUTHORIZED RETURNS WILL NOT BE ACCEPTED.



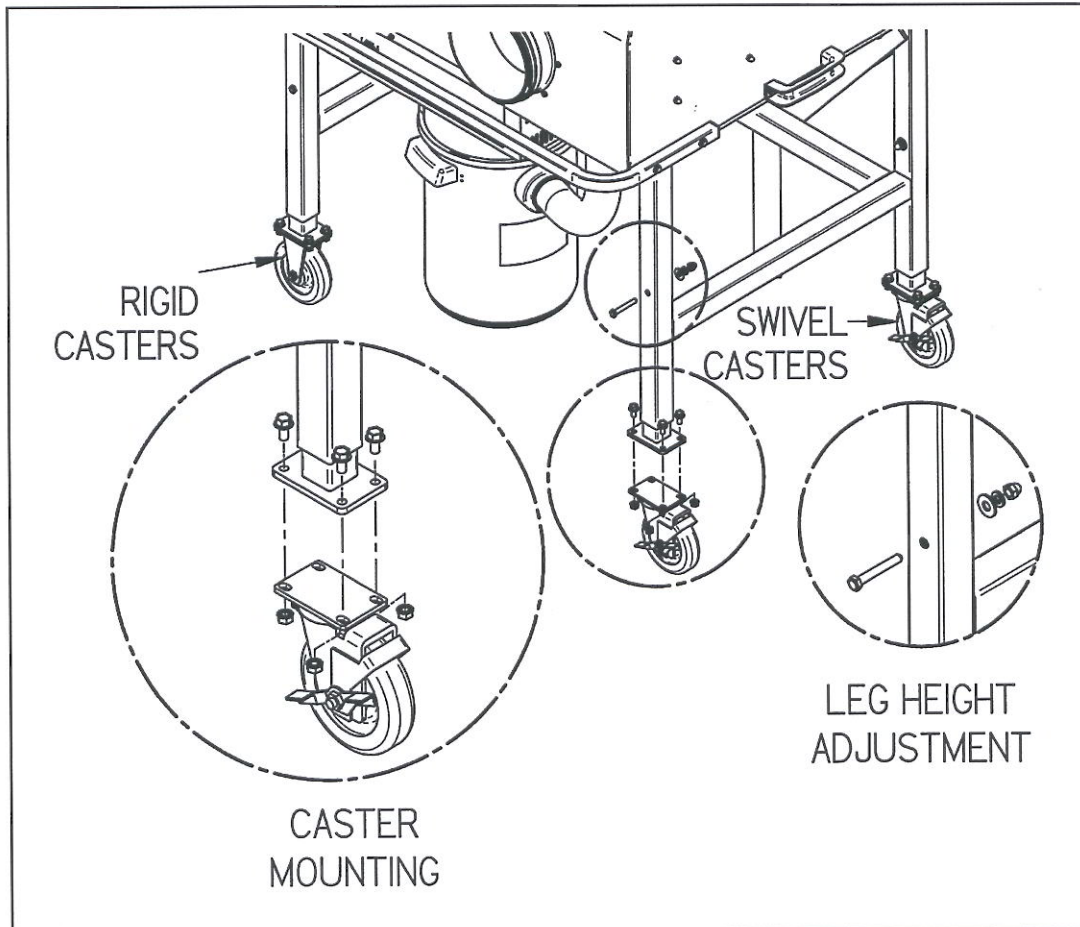
IF YOUR GLOVE BOX WAS DAMAGED IN TRANSIT, YOU MUST FILE A CLAIM DIRECTLY WITH THE FREIGHT CARRIER. LABCONCO CORPORATION IS NOT RESPONSIBLE FOR SHIPPING DAMAGES

The first step in preparing the Dust Containment Unit for use is to remove it from the shipping pallet. Follow the Instruction Sheet posted on the right side of the unit for detailed instructions.



WARNING: USE SAFE LIFTING TECHNIQUES TO MOVE THE UNIT FROM THE SHIPPING PALLET TO THE FLOOR. THE DUST CONTAINMENT UNIT WEIGHS APPROXIMATELY 300 LBS. A MINIMUM OF FOUR INDIVIDUALS, OR THE USE OF A FORK TRUCK IS RECOMMENDED.

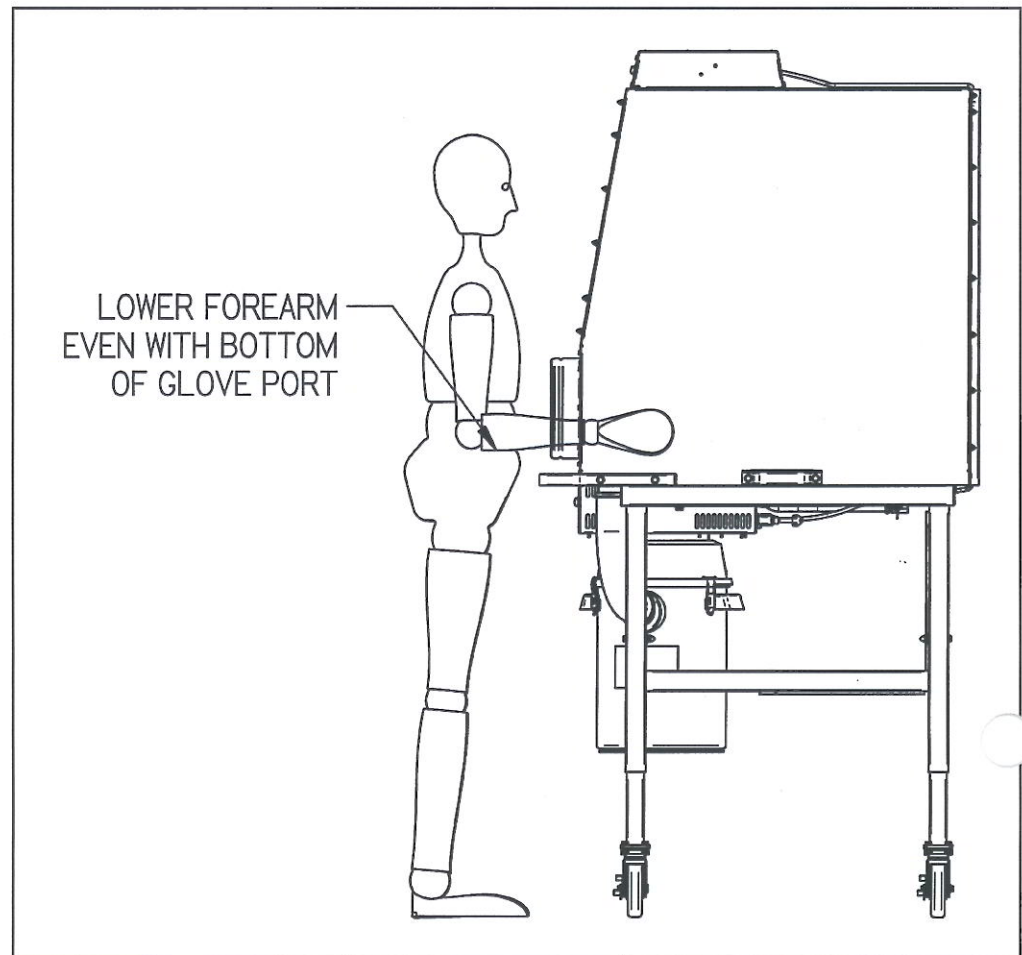
Mounting Casters to the Base Stand



Take careful note on which type of casters are to be installed on each end of the Dust Containment Unit. Swivel type casters are to be attached to the legs opposite the loading door for ease of maneuverability.

After attaching the four casters and tightening the hardware, adjust the height of the Dust Containment Unit to suit your personnel. Each leg has a bolt with nut and washers that must be removed to set the working height.

Height Adjustment



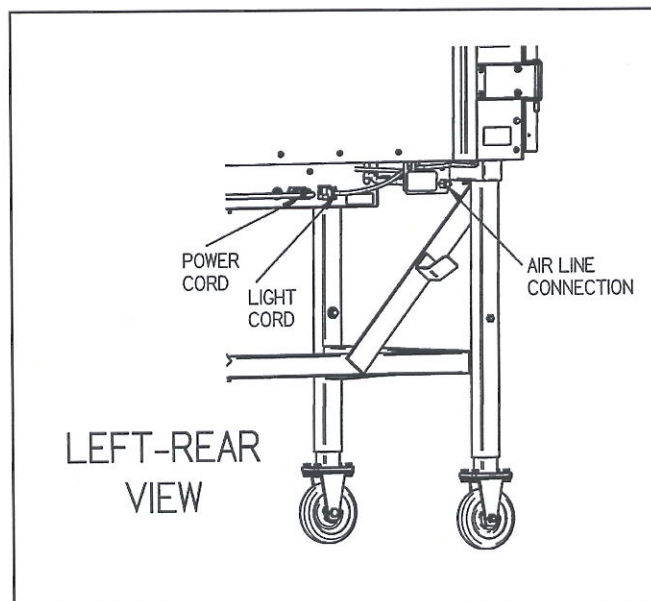
An average height individual (5 ft. 8 in.) would find the fifth hole from the top to be a comfortable working height. The ideal height is to have the bottom of the operator's forearms even with the bottom of the glove ports. This working height can be re-adjusted to one-inch increments at a later time as desired. Tighten the four leg bolts to secure.

Connection of Compressed Air

A 1/4" female N.P.T. fitting is located and labeled on the underside of the Dust Containment Unit for the connection of compressed air.

WARNING: COMPRESSED AIR TO THIS GLOVE BOX MUST NOT EXCEED 85 PSI. The Blow Gun inside the box is internally pressure regulated to a maximum of 30 PSI to comply with OSHA workplace regulations.

IT IS RECOMMENDED THAT A FILTER DRIER BE IN THE SUPPLY AIR LINE TO ENSURE MOISTURE AND DEBRIS IS NOT RELEASED WHILE CLEANING COMPONENTS.



A flexible airline with quick-disconnect (not supplied) can be used to provide air to the machine.



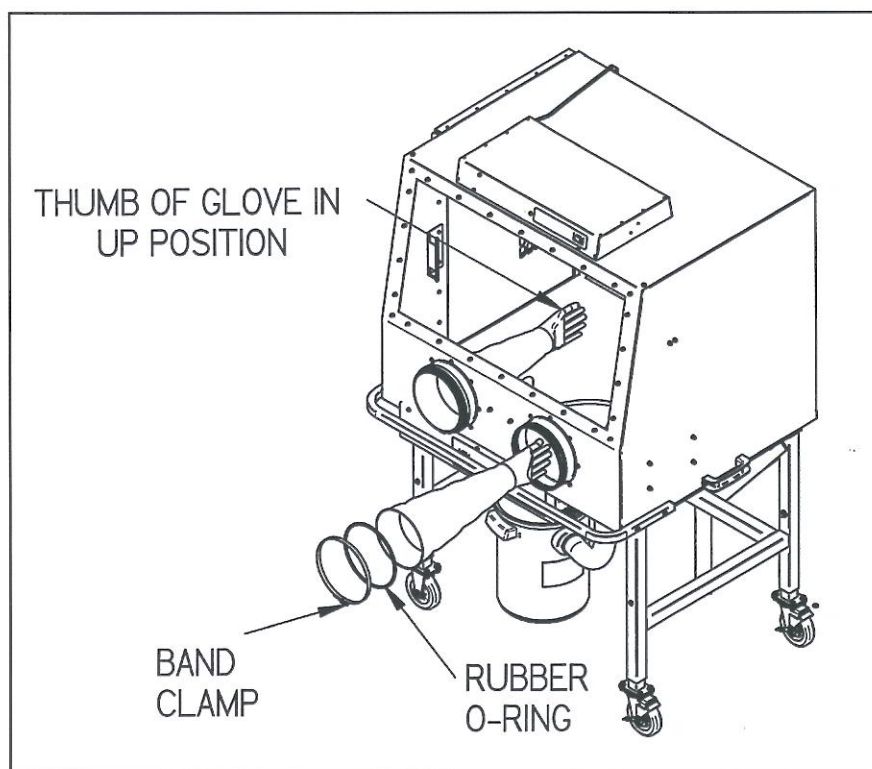
WARNING: THIS DEVICE IS DESIGNED FOR USE WITH COMPRESSED AIR ONLY. NEVER CONNECT THE GLOVE BOX TO ANY OTHER COMPRESSED GAS OR FLUID.

Installation of the Gloves

Find the left and right gloves shipped in a long flat box.



CARE IS TO BE TAKEN WHEN HANDLING THE GLOVES. TEARS OR PUNCTURES RENDER THE GLOVES USELESS AND MUST BE REPLACED.



Insert the gloves into the appropriate left and right open glove ports with the thumbs of the gloves pointing up. Without rotating the glove, carefully pull the collars of the gloves over the flange of each glove port. The length of the glove within the box can be adjusted by the extent the glove material is stretched over the glove port.

The gloves are secured to the glove ports with rubber O-rings and band clamps. Stretch the O-ring to rest in the bead formed in the flange of the glove port. Tighten

the band clamp with a screwdriver or nut driver centered directly on the O-ring.

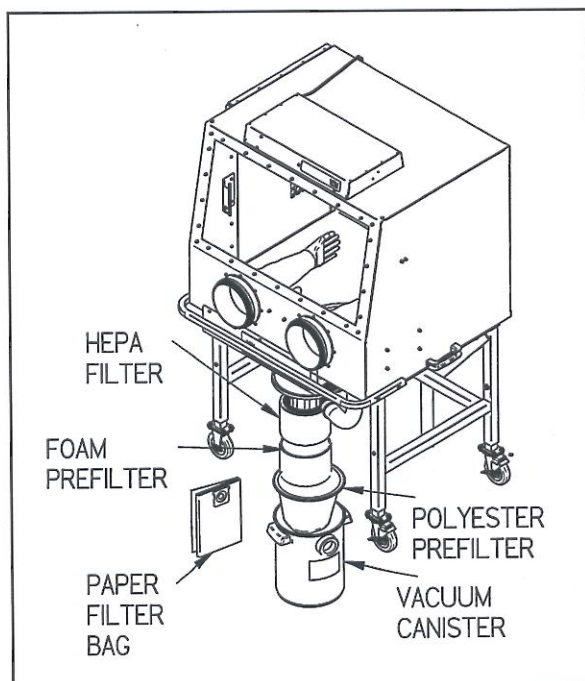
Attachment of the Vacuum Hose

Install the 42-inch vacuum hose inside the chamber. There is a friction fit between the hose cuff and the ferrule in the lower-right front of the box. Attachments are to be stored in the holder on the right side for easy access during cleaning operations.

HEPA, Prefilter and Vacuum Canister Installation

Take the following steps to install the HEPA and Prefilters on the vacuum system.

Carefully unpack the HEPA Filter cartridge, which is shipped in its own box. Any shipping damage or punctures made during installation will require a replacement HEPA Filter. Slip the open side of the HEPA Filter cartridge over the cage on the underside of the vacuum. Insert and turn the plastic retainer that accompanied the filter to seal off the bottom.



The foam prefilter is shipped on the new HEPA filter. If separated, it is to be stretched over the HEPA Filter to provide greater filter life.

Empty any other contents within the stainless steel vacuum canister. Then set the polyester prefilter bag into the top of the canister. Orient the polyester prefilter bag. It is shaped to fit around the inlet port on the canister. The vacuum canister is now ready to attach to the vacuum system of the Dust Containment Unit. With the inlet port of the canister pointing in the direction of the 2.5-inch vacuum hose on the box, use the three draw latches to seal the canister to the vacuum system. Formed lips on the vacuum motor housing aid in locating the proper orientation for the canister.

Optional Paper Filter Bag

Dust may be collected in the stainless steel vacuum canister or optional paper filter bags may be purchased for dust collection. A single bag has been provided with your unit as a sample. A source of bags is indicated in the Replacement Parts section of this Instruction Manual. Disconnect the 2.5" vacuum hose from the side of the vacuum canister if attached. The bag is installed by removing the canister and polyester prefilter from the Dust Containment Unit. Place the paper filter bag opening directly over the inlet port on the canister. The polyester bag can be placed inside the folded paper bag filter and the canister reinstalled by latching onto the vacuum motor.

Electrical Connections

The Dust Containment Unit can be plugged into any standard 115V, 60 Hz, grounded 15-amp circuit. A 9-ft power cord has been provided. Extension cords should be checked periodically for wear and abrasion. A set of cleats has been designed into the back of the tubular stand for winding the power cord when not in use.

CHAPTER 3

USING YOUR DUST CONTAINMENT UNIT

Now that the Dust Containment Unit is properly prepared, you are ready to operate the product. Read this chapter to learn how to:

- Operate the Vacuum System
- Interior Lights.
- Maximize containment of dust.
- Use the product safely.

Once the unit is in the desired location, use the locking casters to keep it from moving while cleaning. The interior lights are turned on with the light switch located on the front of the light housing above the Dust Containment Unit.

STEP 1. Place the component to be cleaned in the center of the chamber and seal the door closed.



WARNING: Always use safe lifting techniques when loading heavier components into the DCU. To reduce the potential for lifting injuries, consider using a roll-up lift table.

NOTE: If the component to be cleaned does not have a flat bottom and needs to be revolved within the chamber, it is advised that it be placed on a rigid sheet for the Ball Transfer Plate to work properly. This rigid sheet can be a

baking sheet pan or various size pieces of sheet metal or "masonite_{TM}" hardboard.

STEP 2. Start the vacuum by turning ON the power switch on the front of the control box.

STEP 3. Place arms in the gloves and retrieve the air blowgun and vacuum nozzle.

STEP 4. Vacuum the exposed dust on the component. Blow off dust in recessed areas until desired results are obtained. If the viewing window becomes obstructed with dust, use the blowgun to clear window.

STEP 5. **IMPORTANT:** Do not open the door immediately after using the blowgun. With the vacuum ON, allow the air in the Dust Containment Unit to clear for at least 20 seconds before opening the door.

The interior of the Dust Containment Unit may be cleaned of dust with the vacuum with the door open or closed. See the Maintenance Section of this Manual for further cleaning instructions.



WARNING: This device is intended for the containment and collection of dry dust.

Never use solvent cleaners within this unit. Explosion can occur.

Never use the compressed air blowgun if any part of the Dust Containment Unit is missing or damaged.

CHAPTER 4

MAINTAINING YOUR DUST CONTAINMENT UNIT

Daily

Empty Canister
or
Check Prefilters

Follow steps in Maintenance Section.
Change paper filter bag weekly as necessary.
Wash Foam Prefilter in water if dusty.
Knock dust off Polyester Prefilter Bag.
Replace if either is torn.

Monthly

HEPA Filter Check

With prefilters clean, visually check vacuum's performance. If ability to perform work function has decreased, replace **ONLY** with recommended HEPA filter cartridge.

Clean Air Intake Filter

Use a separate vacuum cleaner to remove loose dust from the outside of air intake filter on the loading door. Intake filter can be removed and washed with water via six screws.

Annually

Change 1-1/4"
Vacuum Hose

NOTE: To maintain the ability to dissipate static charge collected in the vacuum hose, the hose must be replaced annually with a fresh hose. Chemically treated hose has a shelf life of 18-24 months.

Check Door Gasket

Replace any portion of the door gasket if torn or missing.

How to Empty the Vacuum Canister

The vacuum canister will require frequent attention. Depending upon the frequency of use as well as the dust conditions in your facility, the vacuum canister may require daily emptying. Follow these steps to minimize effort and exposure to dust.

1. Unhook the three draw latches on the canister, and allow the canister to hang by the hooks.
2. Make sure the polyester prefilter bag stays with the canister as it is unhooked and lowered to the floor.
3. With the polyester prefilter bag in the canister, gently tap the inside of the bag to knock the dust to the bottom of the canister. Then slowly remove the polyester prefilter bag and set aside.
4. Dispose of the dust in the vacuum canister per U.S.P.S. accepted practices. **NOTE:** A disposable paper filter bag may be used with this device. Fit the paper bag over the canister's inlet fitting.



IMPORTANT: The optional use of a disposable paper filter bag does not eliminate the need for a HEPA filter.

5. Inspect the foam prefilter that covers the HEPA filter for loading of dust. The foam prefilter is washable in water. Always allow the foam prefilter to fully dry before re-installing on the HEPA filter.
6. Place the polyester prefilter back into the vacuum canister and orient the bag to fit over the canister's inlet port.
7. Connect the canister to the vacuum motor with the canister inlet port pointed in the direction of the vacuum hose to the Dust Containment Unit. Hook and draw tight the three latches.

How to Replace the HEPA Filter

The HEPA Filter should provide months of useful service. Replace the HEPA per any established U.S.P.S. Preventive Maintenance Schedule or when the following conditions are met:

- a) Noticeable decline in suction at the vacuum hose.
 - b) Both Polyester Prefilter Bag and Foam Prefilter are relatively clean.
 - c) There are no noticeable obstructions in the vacuum hoses.
-
1. Follow the steps in the above procedure named "How to Empty the Vacuum Canister" to gain access to the HEPA Filter.
 2. Remove the HEPA Filter by turning the bottom cover counter-clockwise slightly. Pull the HEPA Filter off the cage on the underside of the vacuum motor.
 3. The replacement HEPA Filter will come with a new Foam Prefilter. **ONLY INSTALL RECOMMENDED FILTERS FOR THIS MODEL OF VACUUM.** See Appendix A for replacement part information.
 4. Push on the new HEPA Filter and Foam Prefilter. Turn the bottom cover slightly clockwise to lock into position.
 5. Reinstall the Polyester Prefilter Bag and canister.

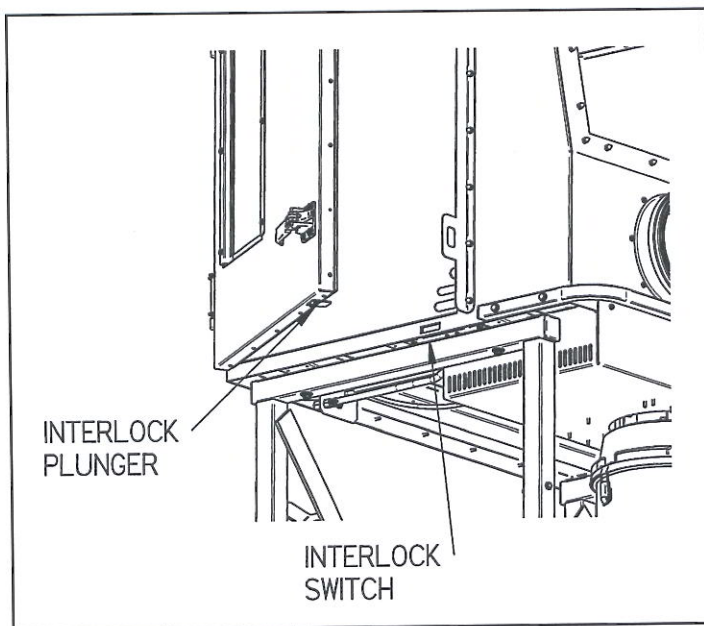
Replacement of the ESD Vacuum Hose

An extremely important part of your preventative maintenance program would include the annual replacement of the 1-1/4" diameter ESD vacuum hose within the Dust Containment Unit. See the replacement parts list in Appendix A to learn more about obtaining the hose.

The 42" of 1-1/4" diameter vacuum hose in the unit is chemically treated to be "electrostatically dissipative" so as to not accumulate static charge from the movement of particulate through the hose. This chemical treatment has a useful life of 18 to 24 months from date of manufacture. Retain the hose cuffs on either end of the hose, which are reused with each new hose. The 2-1/2" diameter hose from the underside of the unit to the vacuum canister is not required to be ESD and therefore, not included in the recommended annual replacement.

How to adjust the Door Interlock Switch

To ensure that the compressed air line will not operate with the door open, there is a switch mounted under the access door opening. If the airline fails to work with the door in the closed position, it might require adjustment. To engage the switch, close and latch the access door. With a 5/16" nut driver or flat screwdriver, loosen the two screws retaining the interlock plunger on the underside of the door. Move the plunger so that the switch engages at that latched condition. Re-tighten the two screws.



Cleaning the Dust Containment Unit

Vacuuming the interior of the Dust Containment Unit frequently will help control dust and improve visibility through the viewing window.

The inside and outside of the unit can be wiped down with water or mild detergents. The epoxy powder painted surfaces are durable to household cleaners. The viewing and light windows will scratch if wiped with dry or abrasive cloths. The life of the clear windows will be extended if soft cloth or tissues are used during thorough cleanings.

The vacuum hoses should not require cleaning beyond wiping the exteriors.

The vacuum canister is constructed of stainless steel. It can be wiped to remove the last residue of dust if desired.

How to Replace the Viewing or Light Windows

After extensive use of the Dust Containment Unit the viewing window may become scratched or damaged. Replacement is not difficult.

1. As you remove the acorn nuts surrounding the window, the sheet metal clamps on the inside of the Dust Containment Unit will separate from the window frame.
2. The old window can be taken out through the access door.
3. Replacement of 1/8" thick clear polycarbonate sheet is available from the manufacturer or can be purchased locally.

Viewing Window 19.50" x 37.00"
Light Window 8.62" x 21.88"



CAUTION: TO REPLACE THE DUST CONTAINMENT UNIT'S VIEWING OR LIGHT WINDOWS, USE ONLY CLEAR MAR-RESISTANT 1/8" THICK POLYCARBONATE SHEET. DO NOT USE ACRYLIC OR GLASS. VACUUM WITHIN THE CHAMBER CAN CAUSE OTHER MATERIALS TO SHATTER AND RESULT IN INJURY.

4. A foam gasket is required between the window pane and the window frame of the unit. Use a single sided self-adhesive foam tape on all four edges of the window. Tape nominal size 1/16" thick x 1/2" wide.
5. Reassemble window, clamps and acorn nuts.

How to Service the Lights and Ballast

Disconnect the power to the lights by unplugging the Dust Containment Unit. Removing four screws, two in front and two in rear of light housing, provides access to the fluorescent lights and ballast. These screws are just above the top surface of the unit. The entire light housing can be raised and laid upside down on the top of the Dust Containment Unit.

CHAPTER 5

TROUBLESHOOTING

Vacuum will not start.

- Reset circuit breaker.
- Faulty main power switch.
- Faulty vacuum limit switch.
- Loose connections to vacuum motor.
- Faulty vacuum motor.

Vacuum starts but cycles ON and OFF.

- Air intake filter is dirty or blocked.
- Vacuum limit switch is malfunctioning if cycling continues with the door open. Replace switch.

Poor vacuum at hose nozzle.

- Check vacuum hoses for blockage.
- Clean or replace prefilters.
- Replace HEPA filter cartridge.
- Replace worn vacuum motor.

Airline not working.

- Ensure there is proper air pressure to the Dust Containment Unit.
- Insufficient vacuum in 2-1/2" vacuum hose. Pressure differential switch open. Is vacuum hose connected?
- Door Interlock switch not closed. Manually depress switch, adjust plunger on door if necessary.
- Faulty solenoid valve body or coil.
- Blocked or failed blowgun.

Lights not working:

- Check power from the back of the control box to the light housing.
- Check light switch.
- Possible fluorescent tube failure.
- Faulty ballast.

APPENDIX A

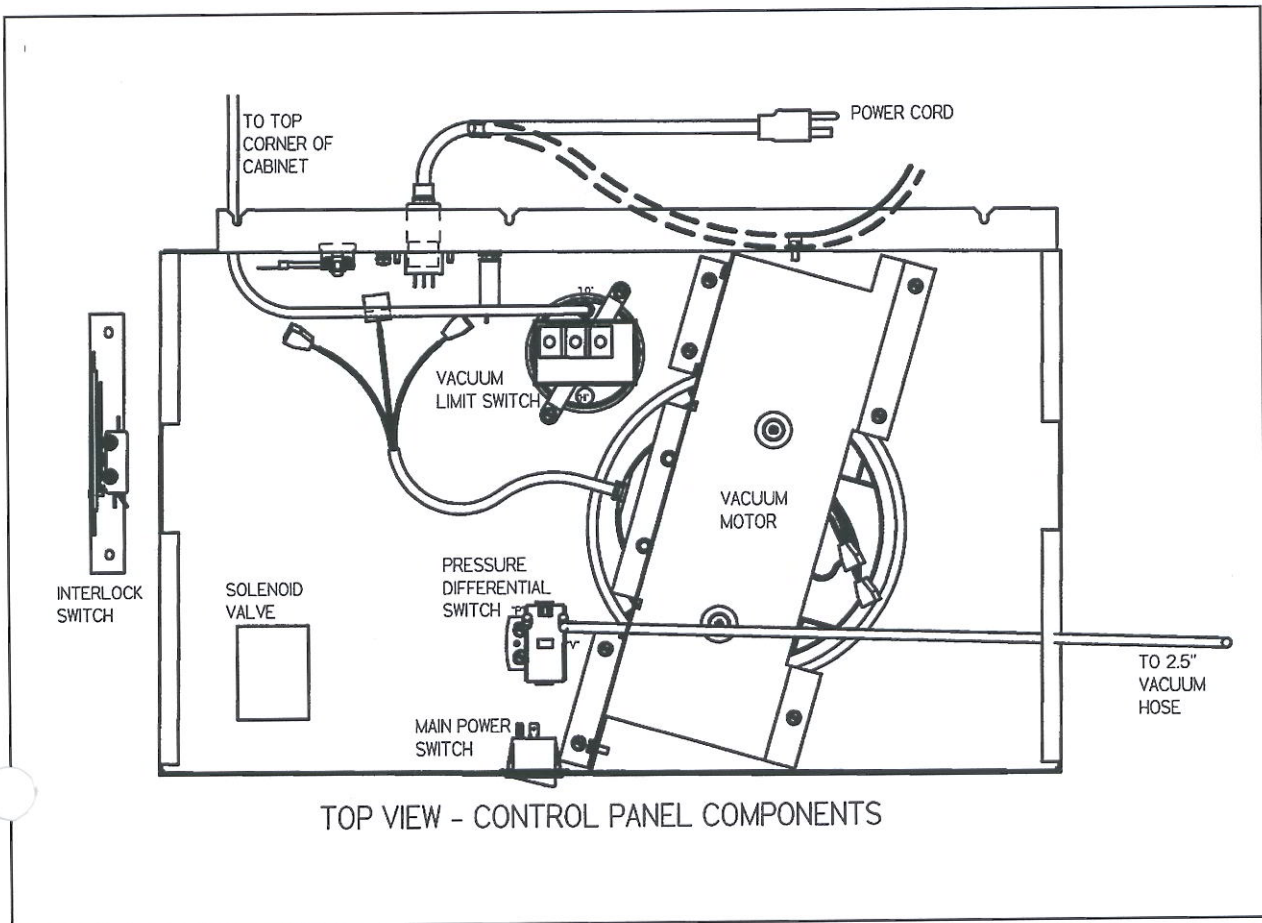
REPLACEMENT

PARTS

Qty. Used	Labconco Part No.	Description	Alternate Source
1 pr.	1640600	Neoprene Gloves	Grainger 4T479
2	1640000	O-Ring, Glove Port	None
2	1965600	Band Clamp, Glove Port	None
3.6 ft	5402100	1-1/4" ESD Vacuum Hose, w/o cuff 42"	None
1	5402200	Air Line in Chamber	Hardware Store
1	5402301	Blowgun	None
1	5402302	Flexible Nozzle, Blowgun	None
1	5401400	Air Solenoid Valve Body	Grainger 4KP78
1	5401401	Air Solenoid Valve Coil	Grainger 4KP73
1	3740500	Interlock Switch	None
1	5401300	Pressure Differential Switch	None
1	1303700	Vacuum Limit Switch	None
1	5401600	Vacuum Motor and Canister Assembly	Grainger 4Z663
1	5401612	Polyester Prefilter Bag	Grainger 6H017
1	5401700	HEPA and Foam Filter	Grainger 1UG90
1	5402500	Air Intake Filter	None
1.5'	5401800	2-1/2" Vacuum Hose (18" long)	None
1	5400704	Viewing Window w/ Gasket Assembly	Plastics distributor
1	5400705	Light Window w/ Gasket Assembly	Plastics distributor
11 ft.	1601600	Access Door Gasket	None
1	9826900	Light Ballast	None
2	9721902	Fluorescent Lamps	Lighting distributor
1	1327201	Circuit Breaker (10 amp)	None
2	1302300	Main Power or Light Switch	None
2	5401500	Access Door Latch	None
2	1943702	Swivel Casters	None
2	1943701	Rigid Plate Casters	None
1	--	Disposable Paper Filter Bags (optional)	Grainger 3UP65
8.3 ft	1551700	3/16" ID PVC Clear Tubing	Hardware Store
1	5403200	Ball Transfer Plate complete	None
52	5403202	Replacement Nylon Ball Transfer units	None

NSN's for Major Assemblies

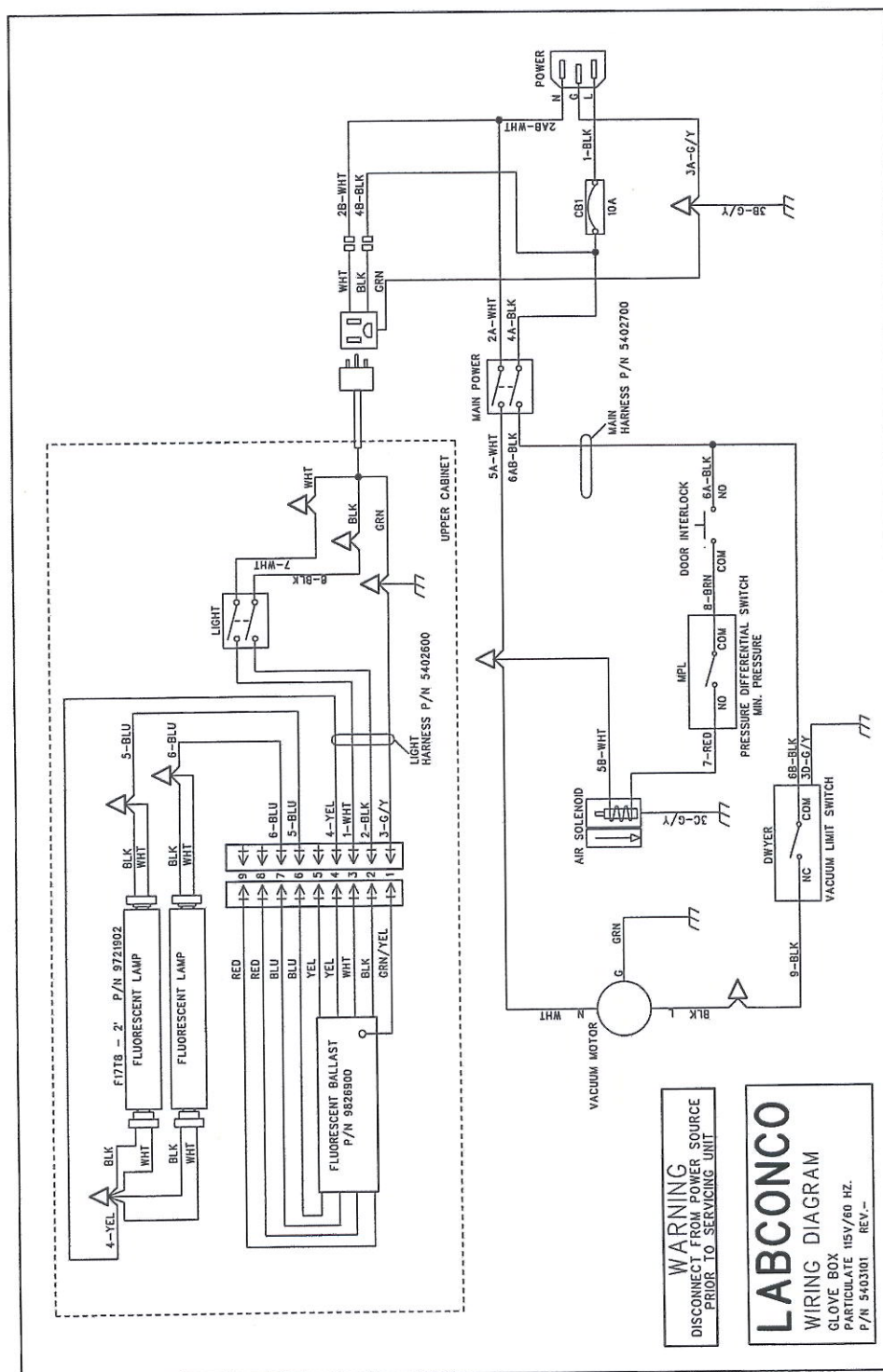
Qty. Used	Labconco Part No.	Description	NSN No.
1	5400000	Entire Dust Containment Unit	4460-06-000-8365
1	---	DCU without Stand	4460-06-000-8366
1	---	Stand with casters only	3915-06-000-8367
1	5401600	Vacuum motor, canister, attachments	4330-06-000-8368
1	5403200	Ball Transfer Plate complete	3915-06-000-8369



Appendix A: Replacement Parts

APPENDIX B

WIRING DATA



APPENDIX C

DIMENSIONS

All dimensions are in inches.

