

**Tray:** The watertight tray is easy to remove for cleaning.

**Arm Rests:** Padded arm rests offer comfort and support while working.

**Fuse:** The chamber has a Bussman GMC-1A fuse that powers the light. The fuse and a spare fuse are stored in the AC power cord receptacle in the rear of the chamber. To check or change the fuse, follow these directions:



Remove the power cord from the AC receptacle to expose the fuse holder drawer. Use the blade of a small screwdriver in the slot of the fuse holder and gently pry outward. The active fuse is in the back of the drawer and a spare fuse is in the front compartment. If the glass case of the active fuse is darkened, the fuse is blown. From the underside of the drawer, push out the blown fuse using a small screwdriver.

**Do not use a higher ampere fuse.**

#### Additional Parts:

- MALC2220-10 4mm Air Hose, 10' long
- MALC2221-10 6mm Air Hose, 10' long
- MALC219 4mm Hose Connector
- MALC218 6mm Hose Connector
- MALC222 Union Reducer 6mm – 4mm
- MALC209 1 Amp Fuse

#### Repair Services

Authorized repair service is available at the Freedom factory in Bethel, CT. Send items for repair to the factory marked:

**“Attention: Repair Department”**

**Freedom Electric Company  
16 Stony Hill Road  
Bethel, CT 06801**

Enclose the item(s), a packing list, a description of the problem or repairs needed, daytime phone number and email address. Estimates of repair cost will be made upon request.

#### LIMITED WARRANTY

Warranty period is 2 years for the MALC15 Lighted Work Chamber.

Blackstone Industries, LLC d/b/a The Freedom Electric Company warrants, to the original purchaser only, that its products will be free from defects in material or workmanship for the applicable period of time indicated above following the purchase date. During the warranty period, the defective product will be repaired or replaced without charge or, at our sole option, the purchase price will be refunded. This warranty does not cover damage caused in transit or by accident, misuse or ordinary wear.

ALL IMPLIED WARRANTIES INCLUDING, WITHOUT LIMITATION, IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY, ARE LIMITED IN DURATION TO THE APPLICABLE WARRANTY PERIOD. IN NO EVENT WILL WE BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusion may not apply to you.

At our sole option, repair, replacement or refund will be made if the product is returned postage prepaid to:

**Freedom Electric Company, 16 Stony Hill Road  
Bethel, Connecticut 06801**

All warranty repairs must be done at our factory at the above address. We will not pay any shipping or transportation charges.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

**Please retain your proof of purchase for warranty repairs.**

# FOREDOM®

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16 Stony Hill Road, Bethel, CT 06801  
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[www.foredom.net](http://www.foredom.net)

# Owner's Manual **FOREDOM®** MALC15 Lighted Work Chamber

## Designed for use with dust collector and compressed air



### For Your Own Safety

- Please read this Manual before operating your Freedom Lighted Work Chamber.
- Always wear eye protection while using power tools.

[www.foredom.net](http://www.foredom.net)

## Safety Instructions

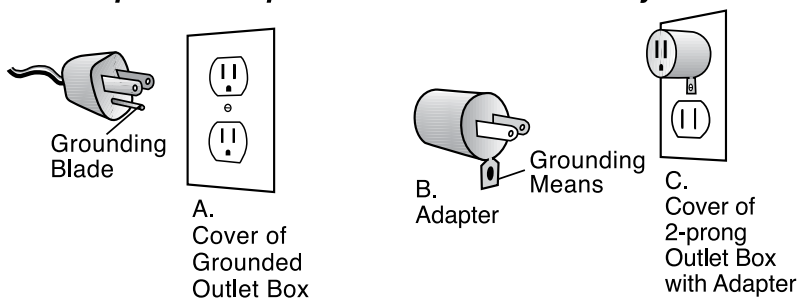
Before using your Foredom® power tool, please read safety instructions. They are for your protection and should always be followed to reduce the risk of personal injury or damage to the tool.

- **Always wear proper eye and face protection.** Wear safety glasses or face shields whenever you operate a Foredom or any power tool to prevent serious eye or face injuries.
- **Do not wear loose fitting clothing or jewelry.** Loose clothing or jewelry can become entangled in the rotating accessory. Do not wear items such as neckties, necklaces, or bracelets when operating power tools. Be sure to tie back or secure long hair.
- **Never operate any accessory at speeds above its maximum rated speed.** When properly used, all of Foredom's accessories can be operated at the speed ratings listed in the Foredom Accessory Catalog or specified on kits and packages. Always find out the manufacturer's speed rating before using accessories other than those from Foredom.
- **Always disconnect** the power cord before servicing the unit.
- **Never operate your unit during a perceptible power decrease.** Turn the machine off and do not use it until power is fully restored.
- **Always use a proper dust collection system or wear a respirator to prevent the inhalation of dust particles, or other debris into the lungs.**

- **Use proper grounding procedures.** This tool should be grounded while in use to protect the operator from electric shock. The tool is equipped with an approved 3-conductor cord and a 3-prong grounding type plug to fit the proper grounding receptacle. The green (or green and yellow) conductor in the cord is the grounding wire. Never connect the green (or green and yellow) wire to a live terminal. If your unit is for use on less than 150 volts, it has a plug that looks like sketch A below. An adapter (sketches B and C) can be used for connecting plugs as shown in sketch A to 2-prong receptacles. The green colored rigid ear, lug, etc., extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box. **Some jurisdictions, including Canada, prohibit the use of 3 to 2 prong adapters. Where prohibited, they should not be used.** Use only 3-wire extension cords that have 3-prong grounding type plugs and 3-pole receptacles that accept the tool's plug. Always disconnect the power cord before servicing the tool. Never use in an area where flammable vapors are present.

Store your Foredom power tools in a **DRY, clean, dust-free area, and out of the reach of children.**

### Replace or repair worn cord immediately.



## Foredom's Lighted Work Chamber is designed for use and works best when connected to a dust collector and compressed air line.

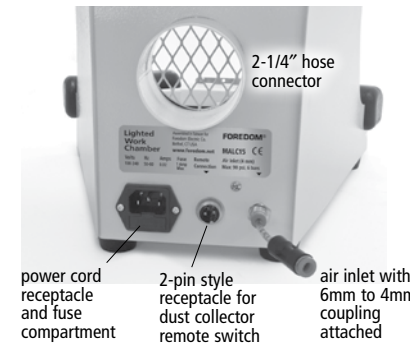
### Packing List

Work Chamber with interior LED Light  
Compressed Air Nozzle,  
Magnifier  
Removable Watertight Tray  
6mm to 4mm Coupling  
Cord Set



### Assembly

1. Using the black handle, remove the unit and power cord set from the box.
2. Remove packing materials from polycarbonate shields and magnifier.
3. Check the tray to be sure that it is seated properly in the bottom of the chamber.



4. Insert the female plug end of power cord into receptacle on the back of chamber and then the male plug end into a power outlet. The plug receptacle includes a spare fuse, see instructions for replacement on back side.
5. Using a 2-1/4" hose, connect the chamber to a dust collector, shop vacuum or other dust collection device. Hose does NOT come supplied.

6. Connect your air source to the air inlet on the back of the chamber. The inlet uses 4mm tubing, however, a 6mm to 4mm coupling also comes supplied with the unit. Other sizes of quick connect couplings are readily available separately to match your specific air system.

7. If your dust collector has a remote on/off switch with a 2-pin style plug, connect it to the remote port on the back of the chamber. When the remote connection is in use, the power button on the front of the Chamber can activate both the LED light and a separate dust collector.

### Features

**Light:** Built-in LED light tilts up and down allowing user to focus light where needed. The switch on the front of the chamber turns on the light and can activate a separate dust collector.

**Magnifier:** A 2-1/2x Magnifier with 10x insert window enlarges viewing of your work. It can be flipped up and out of the way when not needed.

**Shields:** The top and front shields help to contain dust. We suggest keeping both in position. If better access into the chamber is needed, the narrow front shield can be lowered out of the way. Loosen the two black screws and slide the top shield up and out of the channel to release its hold on the front shield. Retighten screws.

**Compressed Air Nozzle:** The nozzle blows air on the workpiece, funneling dust and shavings away and through the back of the chamber into a dust collector. The nozzle's ball and socket joint pivots directing air flow to where you want it. The force of the air blowing on the workpiece can also be adjusted by turning the nozzle to a more open or closed position.

Maximum amount of compressed air that can be used is 90 PSI or 6 Bars.

