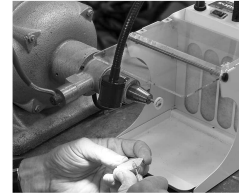


# Owner's Manual

## Assembly, Operation and Service Manual for MAFH25

# Filter Hood



### LIMITED WARRANTY

Foredom warrants the MAFH25 Filter Hood to be free of defects in material or workmanship for a period of 1 year after purchase. During the warranty period, the defective product will be repaired or replaced without charge or, at our 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 BUT NOT LIMITED TO WARRANTIES OF FITNESS AND MERCHANTABILITY, ARE HEREBY LIMITED IN DURATION TO A PERIOD ENDING 1 YEAR FROM DATE OF PURCHASE, AND WE WILL NOT BE LIABLE OR RESPONSIBLE FOR ANY SPECIAL OR CONSEQUENTIAL DAMAGES. Repair or replacement will be made at our option if the product is returned post-paid to:

**The Foredom Electric Company, 16 Stony Hill Road, Bethel, CT 06801**

All warranty repairs must be done at the factory at the above address. We will not pay any shipping or transportation charges. This warranty only covers the original purchaser of the product. 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 may not apply to you. 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.**

### Contact Information

For warranty issues with your Foredom product please use the contact info below. For more information on Replacement Filters, Foredom machines, handpieces or accessories, contact your local dealer. When no local dealer is available contact Foredom at:

#### The Foredom Electric Company

16 Stony Hill Road, Bethel, CT 06801  
Tel.: (203) 792-8622 • Fax: (203) 796-7861  
Email: customerservice@blackstoneind.com

### For Your Own Safety

- Please read this Manual before operating your Foredom Filter Hood.
- Always wear eye protection while using power tools.

# FOREDOM®

[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.
- **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

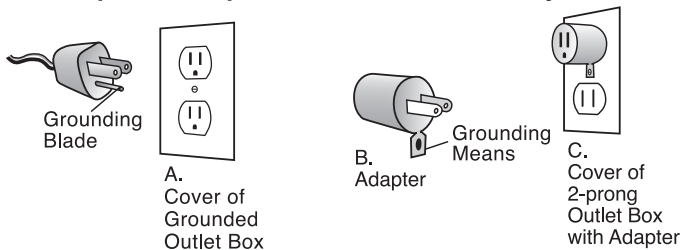
unit is for use on less than 150 volts, it has a plug that looks like sketch A below. An adapter (sketches B and C) can be used for connecting plugs as shown in sketch A to 2-prong receptacles. The green colored rigid ear, lug, etc., extending from the adapter must be connected to a permanent ground 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 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.**

## Repair Services

Authorized repair service is available at the Foredom factory in Bethel, CT. Send items for repair to the factory marked:  
**"Attention: Repair Department"**  
**The Foredom Electric Company**  
**16 Stony Hill Road, Bethel, CT 06801**  
 Enclose the item(s), a packing list, your address, phone number, email address and a description of the problem or repairs required. Estimates of repair cost will be made upon request. If the cost (labor plus parts) is more than fifty percent of the price for a new replacement we will contact you and recommend a trade-in offer.

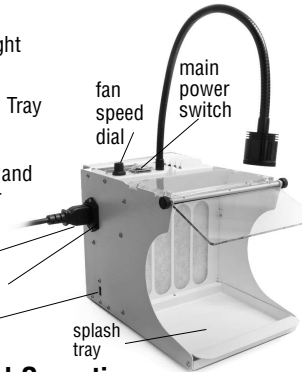
**Replace or repair worn cord immediately.**



## Packing List:

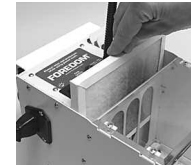
- Filter Hood with light and view shield
- Removable Splash Tray
- Cord Set
- 2 Polyester Filters and one Charcoal Filter

- power cord outlet
- fuse compartment
- voltage selector

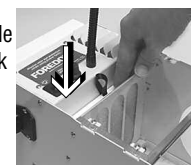


## Assembly and Operation

1. Remove the filter hood and cord set from the box.
2. Remove the filters from the work area of the filter hood.
3. Make sure that a filter is inserted all the way down in the filter slot on top of the filter hood. When using a charcoal filter install it with the white side facing the splash tray and black side toward the inside of the machine.



Filters are easy to remove



Insert filter all the way down

4. Check the splash tray to be sure that it is seated properly in the filter hood work area.
5. Make sure that the voltage selector switch is indicating the proper voltage desired. To change the voltage selection use a small flat blade screw driver to move the switch down for 110 Volt or up for 220 Volt operation. The proper voltage will be displayed.
6. Plug female plug end of cord set into the filter hood and then the male plug end into a power outlet as shown in drawing on opposite page.
7. Press power switch located on top of unit to on position. Select desired fan speed by turning speed knob clockwise to increase or counterclockwise to reduce speed. Adjust gooseneck lamp to illuminate work area.
8. To move filter hood to a different location, use the handle on back of unit. **Do NOT lift by the lamp neck.**



Use handle on back



Do NOT do this!

## Maintenance

1. Periodically check filter condition. If it becomes clogged with debris you can remove it by pulling upward on its ribbon handle. You can either tap it on its side in a trash can to gently remove large particles and then insert it back into the filter slot or, if it is heavily clogged, replace the filter with a new one. **Please make sure that the filter is inserted all the way to the bottom of the filter compartment slot.** Filters can be saved and sent to a refiner to recover precious metals.
2. Clean and wipe the polycarbonate shield with a soft cloth or paper towel. A non-ammoniated cleaner (such as soap and water) will remove greasy polishing compound dust.
3. The Filter Hood comes with an extra 5 Amp fuse located in the fuse compartment near the power cord receptacle on the side of the unit.



Unscrew brush caps on back of unit



Remove motor brush

## Replacement of Motor Brushes

Motor brushes should be checked for wear periodically. When new they are approximately 3/8" (10mm) long. Replace them when they have worn to 1/8" (3mm). To remove brushes, disconnect motor power cord and unscrew the brush caps. Remove the worn motor brushes, replace with new motor brushes, and screw motor brush caps back on. Replace BOTH motor brushes even if one of them is less worn than the other.



New Motor Brush



Motor Brush that needs replacement



## Replacement Parts and Supplies

Part No.	Description
MAFH101	Poly Carbonate Window and Shield
MAFH105	Splash Tray
MAFH107-5	Polyester Filters 5-pk
MAFH108-5	Charcoal Filters 5-pk
MP251P	Pair of Replacement Motor Brushes
MAFH119	LED Light Assembly
MAFH110	5 Amp Fuse
CP10831	Cord Set 6'