

1986

INSTRUCTION MANUAL
LABCONCO DEMONSTRATION FUME HOOD
MODEL #68000

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LABCONCO CORPORATION

8811 PROSPECT, KANSAS CITY, MO 64132 • (816) 333-8811 TELEX 4-2568

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LABCONCO CORPORATION, 8811 PROSPECT, KANSAS CITY, MO. 64132, 816—333-8811

Dear Customer:

This letter is to ensure that you get the best performance from your Labconco product. We want to be sure you are satisfied. If damage has occurred in shipping, the customer must file a claim with the carrier **IMMEDIATELY! DO NOT** return any items to Labconco Corporation without written authorization from the factory. Contact Labconco Corporation directly for assistance on your equipment.

A great deal of care has gone into the engineering, production and ultimate quality control of your Labconco product. That is why we affix this badge to our products. Your satisfaction is of great concern to us.

LABCONCO ®

A QUALITY PRODUCT FROM LABCONCO

DEPT. MANAGER _____

QUALITY CONTROL _____

DATE

We know that even the best products require service from time to time. So if this is ever true of your Labconco product, call the Labconco Service Dept. directly at (816) 333-8811, and ask for our service manager for all of the assistance that you need.

We suggest you keep all of this material together. It's nice to know you are protected, even though you may never need it.

WARNING: THE DISPOSAL OF SUBSTANCES USED IN CONNECTION WITH THIS EQUIPMENT MAY BE GOVERNED BY VARIOUS FEDERAL, STATE OR LOCAL REGULATION. ALL USERS OF THIS EQUIPMENT ARE URGED TO BECOME FAMILIAR WITH ANY REGULATIONS THAT APPLY IN THE USERS AREA CONCERNING THE DUMPING OF WASTE MATERIALS IN OR UPON WATER, LAND OR AIR AND TO COMPLY WITH SUCH REGULATIONS.

Sincerely,

LABCONCO CORPORATION

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Product Designs Are Subject To Change Without Notice

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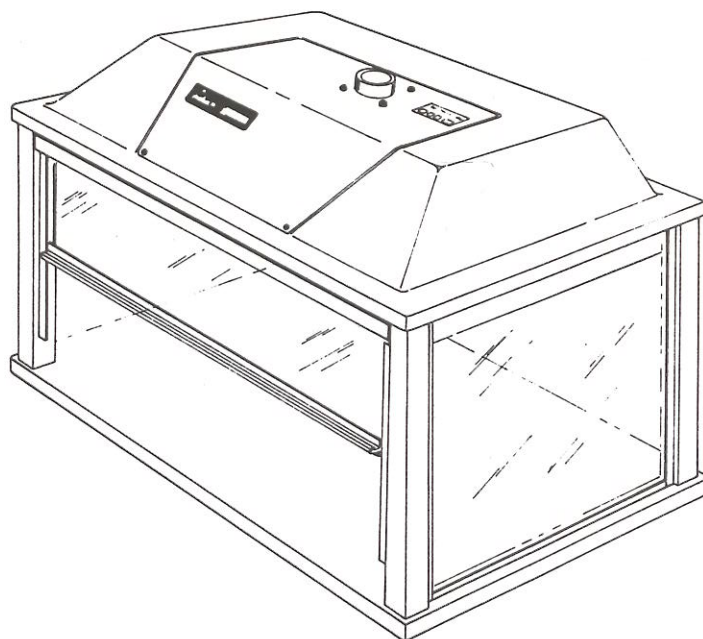
FORM 68032 REV. F / ECO 5423 / PRINTED IN U.S.A.

INTRODUCTION

General Description

The Labconco Demonstration Hood is designed primarily for classroom chemical applications that can be viewed from all sides while protecting

the students from some possible hazards. The lightweight hood will sit on a desk, table or cart and is easy to transport from room to room.



Performance

The Labconco Demonstration Hood has been engineered to allow you the maximum in work area and personnel safety. Constructed of epoxy coated tubular steel and a high impact molded

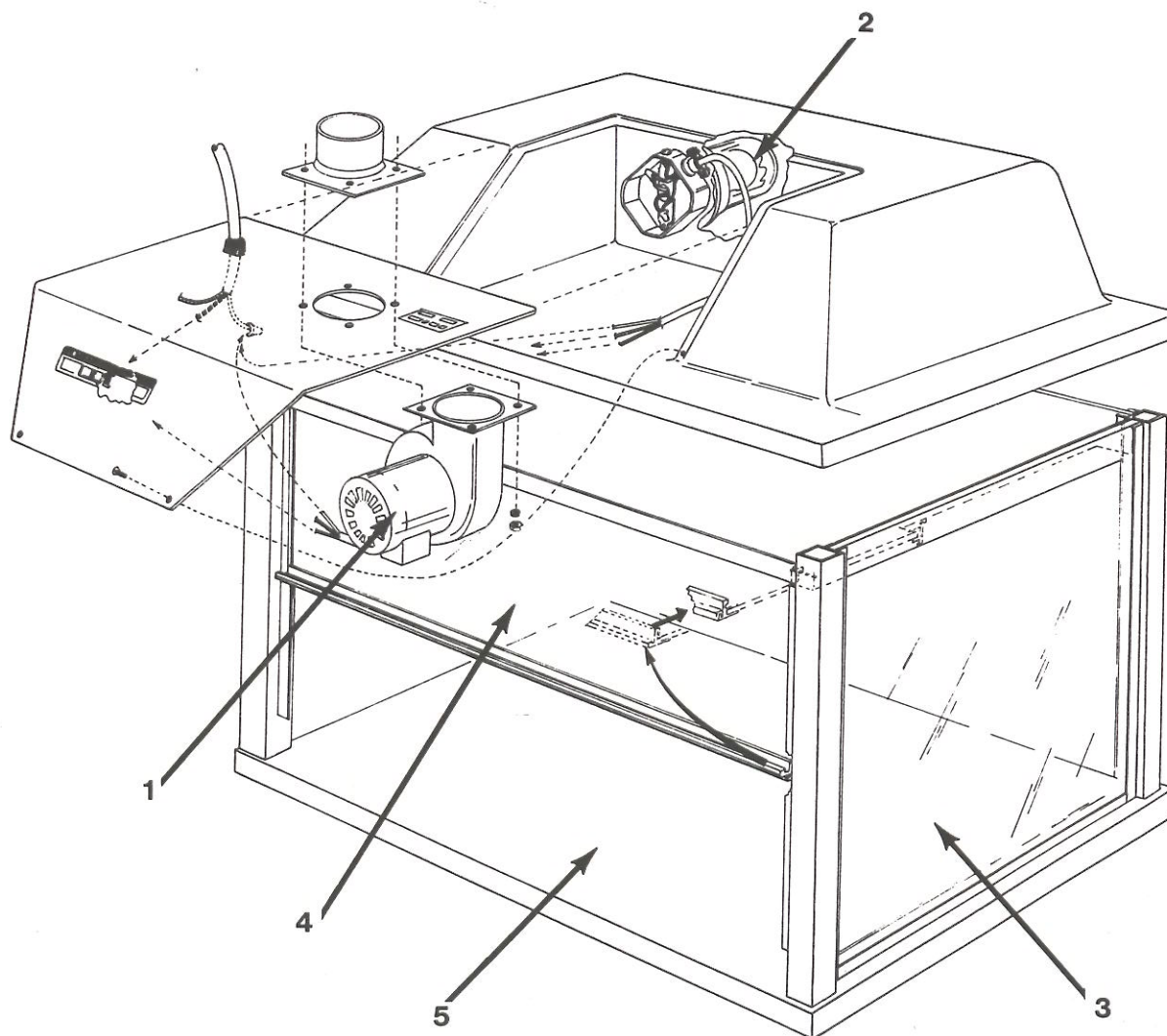
thermoplastic canopy. The unit stand 29" high, 37" wide and 25" deep and comes factory wired for operation on 115 volt, 60 Hz service.

DETAILED FUNCTION OF COMPONENTS

Model 68000

1. **INTEGRAL MOTOR/BLOWER ASSY:** A fractional horsepower motor that delivers 94 CFM free air efficiency and quietly.
2. **LIGHT FIXTURE:** An integral 100 watt vapor proof, incandescent lamp recessed in the upper canopy to reduce glare.
3. **TEMPERED SAFETY GLASS:** Transparent side walls allow 360° viewing .
4. **FRONT PANEL:** Self storing eye shield, allows easy access into hood.
5. **WORK SURFACE:** A chemical resistant plastic resin to protect against chemical spills.

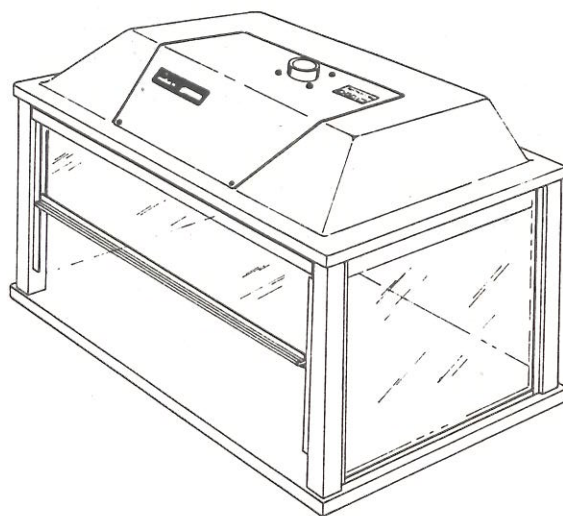
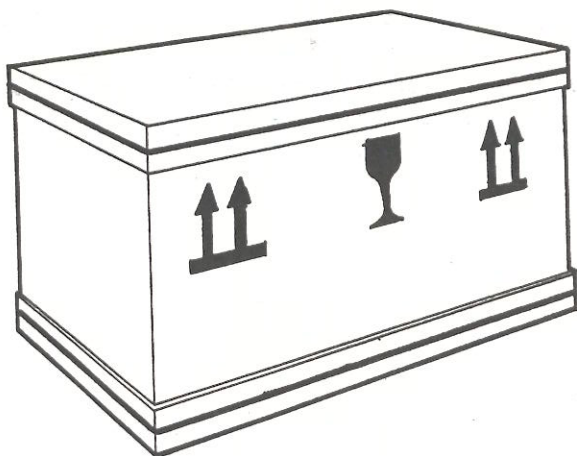
LABELED DIAGRAM



INSTALLATION

Your Labconco Demonstration Hood should be inspected thoroughly prior to usage. Any damage

that may have occurred in transit should be reported immediately.



Installation Factors

When uncrating your Labconco Demonstration Hood, care should be taken not to scratch the canopy or transparent side panels.

UTILITY CONNECTIONS

Electrical

The demonstration hood comes pre-wired and ready for use and should be properly connected to a 115V, 60 Hz, 5 amp (min.) electrical service.

NOTE: Before any work is performed in the hood, it should be supplied with electrical power and all components tested for proper operation.

Installation of Sash Assembly

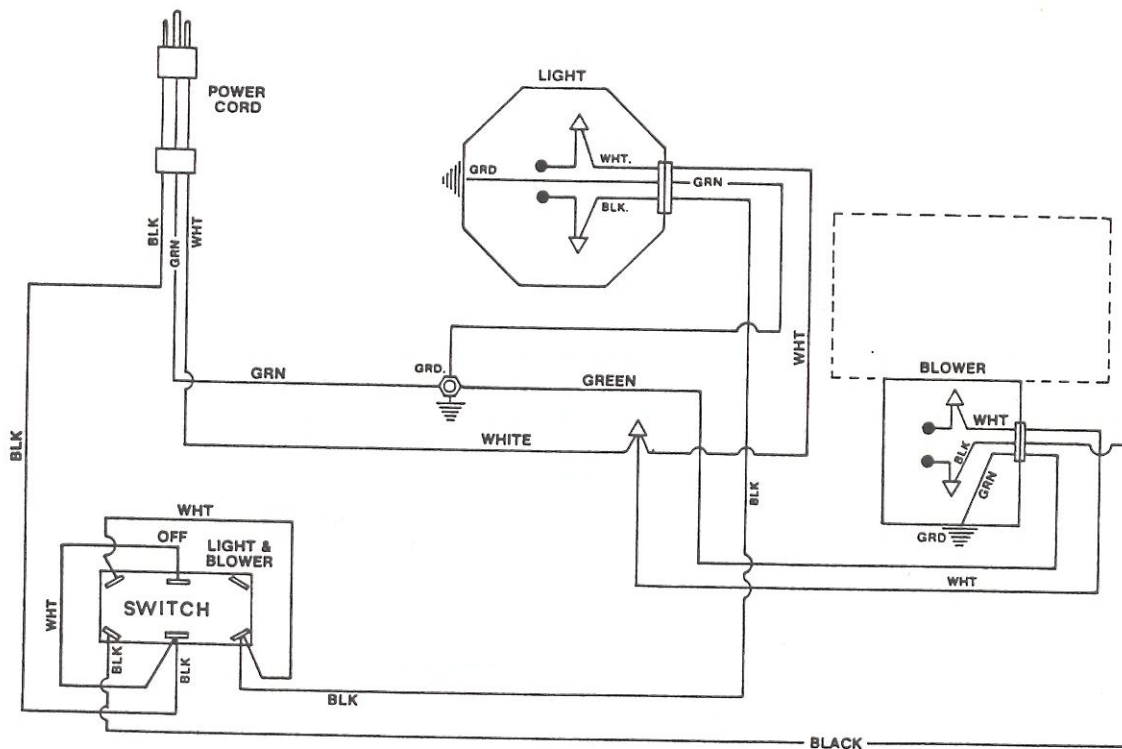
The sash assembly of your demonstration hood does not come installed on the unit. To protect the sash, it has been placed in a protective carton under the canopy assembly.

1. After the carton has been opened and protective pads removed, lift the canopy assembly off of the corner post assembly.
2. Remove the protective pad from the sash assembly and place the hooked edge of sash on the sash track stop.
3. Replace canopy assembly and the hood is ready for operation.

NORMAL OPERATION

- Although the demonstration hood has been **ENGINEERED** to maintain the optimum in operator safety, caution should always be used while working in the hood.
- Good general housekeeping procedures with the following specific recommendations should allow you to operate your demonstration hood safely.
- Do not overload the hood work surface with apparatus or work material.
- Do not use flammable or explosive materials in this hood unless it has been built with explosion proof components.
- Do not work in this hood without the exhaust system running.
- Do not use heat generating equipment in this hood without the exhaust system operating properly.

WIRING DIAGRAM



REPLACEMENT PARTS LIST DEMONSTRATION HOOD

Description

1. Sash Assembly
2. Rear Panel
3. Side Panels (L & R)
4. Light Fixture
5. Motor/Blower Assembly
6. Switch - DPDT
7. Power Cord

Model 68000

Part No.

68004
68008
68007
12738
14517
13269
68051

LABELED DIAGRAM

