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Quick Start Installation Guide for Fume Hoods

Model numbers starting 100,110, and 111

Preparations

Safety Precautions

The following safety precautions must be followed by all personnel unpacking the equipment.

- Wear safety glasses
- Wear gloves
- No loose fitting clothes
- Wear close-toed shoes
- The packaging allows for lifting with a mechanical lift truck or hand truck.

Packaging

- Unit ships on a skid – weight varies between 375 lbs. to 1500 lbs.
- Accessories will be on skids or boxes
- Check the fume hood model number.
 - The 4th digit defines the width of the fume hood, and the weight.
 - 3 = 3' and 375 lbs
 - 4 = 4' and 400 lbs
 - 5 = 5' and 500 lbs
 - 6 = 6' and 600 lbs
 - 7 = 7' and 650 lbs
 - 8 = 8' and 700 lbs
 - 0 = 10' and 900 lbs
 - 1 = 12' and 1100 lbs
 - 2 = 16' and 1500 lbs
 - The 5th digit defines the external depth of the fume hood.
 - 0 = 32"
 - 1 = 38"
 - 2 = 44"
- If the fume hood will not fit through a doorway, make preparations to disassemble it. Please reference the user's manual.

Requirements

Tools & Equipment

- Fork-lift or pallet jack. Multiple are needed for hood 8' and larger.
- Scissor lift table, or alternative
- Utility knife
- Phillips Screwdriver
- ½" socket and ratchet, or ½" wrench
- 5/16" socket or nut driver

Labor

- A two-person crew can install a 3 or 4-foot hood.
- A four-person crew is recommended for a 5-foot hood.
- Depending on tools and experience, the number of people needed increases with width. Hoods 6' and wider typically require mechanical lifting.

Location

- To protect the fume hood from damage, and to ease transportation, keep it fastened to the wood pallet until just before being lifted to its final location.
- Final location should be prepared with all rough-in plumbing, electrical, and vent tubing in place. The hood shall be placed on a sturdy and leveled supporting base, and Labconco work surface.

Unpackaging

Thoroughly inspect packaging to ensure damage did not occur during shipping.

- Document any damage by taking 4 photos of the package before unpackaging.
- Unpack the fume hood and thoroughly inspect it for damage that may have occurred in transit.
 - If there is damage, 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.

Installation



Note: Fume hoods should be installed by someone familiar with their operation and adapting them to site conditions. Please reference the user's manual for detailed installation instructions.

Once the hood is unboxed, proceed to the installation steps below.

Step 1

- Cut the straps that retained the sash to the skid for shipment. Remove the hood's User's Manual and set aside for future reference.



Step 2

- Depending on the model of fume hood, the hood's rear baffles may be shipped on the backside of the hood. Place these baffles (heavy) in a safe location until the fume hood has been set in its final location.



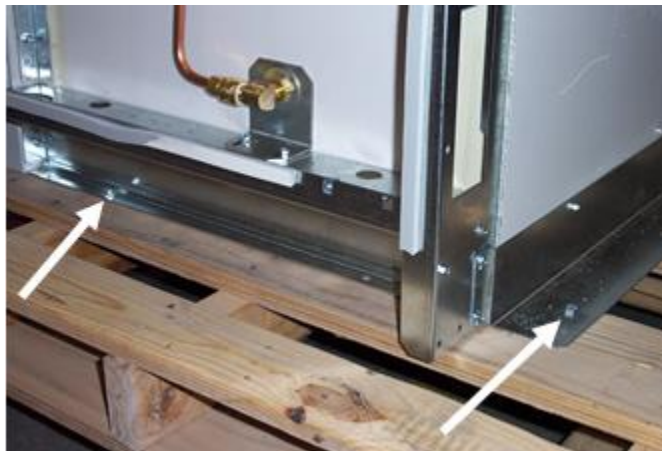
Step 3

- Remove the side panels with a Phillips screwdriver. Temporarily place the panels and screws in a safe location.



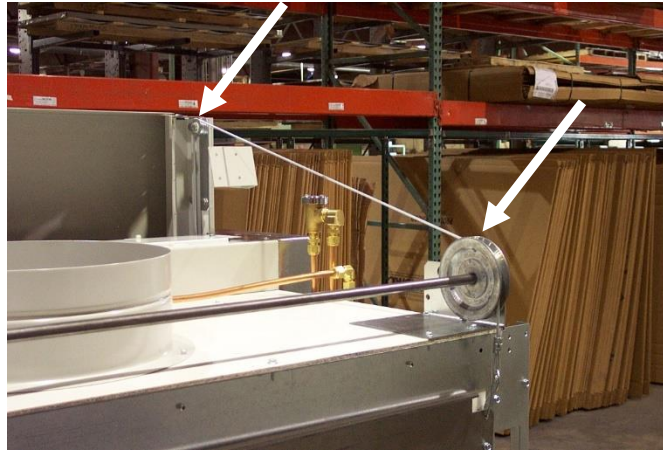
Step 4

- The fume hood may be detached from the wooden pallet by removing four bolts. One is located on each side and two are in the back. Use a 1/2" wrench and discard the bolts.



Step 5

- Ensure the sash cables are properly engaged with the pulleys on the front and back of the fume hood.



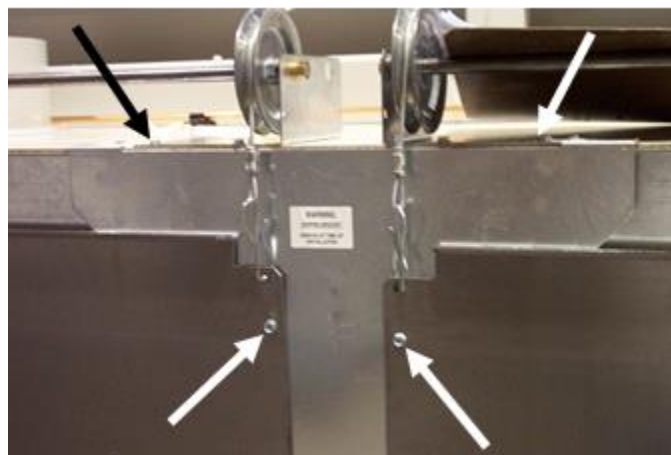
Step 6

- To release the sash, remove the four screws (two on each side) from the sash counterweight. Discard the screws. Use a 5/16" wrench or nut driver.



Step 7

- For hoods with multiple sashes only – remove the temporary rear support bracket between the two sash counterweights. Discard the bracket.



Step 8

- The hood should be ready to set on a work surface and cabinetry. Once in place, install rear baffles. Install side panels if plumbing connections are not required or wait until they are completed.
- Please read appropriate sections of the User's Manual, which provides essential instruction on installation and operation.
- Mechanical, Electrical, and Plumbing connections should be made by licensed professionals in these respective trades per local codes.
- If you have questions that are not addressed in these installation instructions, contact Labconco's Product Service Department at 800-522-7658 or 816-333-8811.



This Quick Start Installation Guide may not provide all the information necessary for your particular fume hood. For further details including user's manuals and installation videos, scan the QR code or click [here](#).

