

# Basic 47 Laboratory Hood

<http://www.labconco.com/product/basic-47-laboratory-hood/716>

Catalog Number: 2247300



**Weight:** 370.0 lbs

**Weight metric:** 168.0 kg

**Dimensions:** 47.0" w x 25.0" d x 53.0" h

**Dimensions metric:** 119.4 cm x 63.5 cm x 134.6 cm

**Electrical:** 115 volts, 60 Hz, 6.8 amps, Domestic

**Product Subcategory:** General Chemistry

**Nominal Width:** 4'

**Blower Requirements:** Integral blower included

**CFM/Static Pressure at 100 fpm:** With sash full open, exhausts 720 CFM at 0.25" H<sub>2</sub>O maximum external static pressure

**Conformance:** ANSI Z9.5, ASHRAE 110, ASTM E84, CAN/CSA C22.2, NFPA 45, SEFA 1, UL

**Electrical Standard:** Domestic

**Lighting:** incandescent

**Style:** Benchtop

Basic Laboratory Hoods are designed specifically for laboratories, classrooms and light duty applications where safe ventilation is required. Constructed of epoxy-coated steel, Basic Hoods are economical and have a smaller overall height and depth than traditional hoods so they fit in areas with low ceilings or narrow aisles. Choose from 4 and 6-foot widths.

Both standard and built-in blower models are available.

## Compliance

- SEFA 1-2002 (Laboratory Fume Hoods)
- NFPA 45-2000 (Fire Protection for Laboratories Using Chemicals) section 6-1 through 6-14
- ASTM E84-01 Surface Burning Characteristics of Building Materials
- ASHRAE 110-95 (Method of Testing Performance of Laboratory Fume Hoods)
- ANSI Z9.5-1993 (Laboratory Ventilation)
- UL 3101-1/61010-1
- CAN/CSA C22.2 No. 1010.1

## Features

- By-pass airflow design
- Durable glacier white epoxy-coated 16 gauge steel exterior and interior resists chemical exposure.
- Vapor-proof incandescent lights
- Vertical-rising tempered safety glass sash
- Adjustable two-piece baffle
- Curved air foil
- Blower and light switches (non-explosion-proof models)
- Right side fixture panel factory-prepared to accept up to three service fixtures, one electrical duplex and one airflow monitor (kits sold separately)
- Right interior wall factory-prepared for one cupsink and turret (cupsink and turret kit sold separately)
- Epoxy-coated steel 10.31" OD exhaust connection
- ETL listed (115 volt models)
- CE conformity (230 volt models)

## Options

- 4' and 6' widths
- Versatile built-in blower that mounts on top of the hood liner, above the hood or at a remote location
- Explosion-proof light and blower
- International electrical configurations
- Unassembled hoods

## Required Accessories

• Remote Blowers (except Built-In Blower Models)

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