



- Trace analysis
- Wet lab applications
- Biological (Biotech and Biomedical) and Pharmaceutical applications
- Etching, plating, coating, and cleaning applications
- Microelectronic applications
- Ergonomic Design

"Leading The Nation in Fabrication"

Plastic Concepts Fume Hood

The Plastic Concepts, Inc. Standard Fume Hood is constructed of stress relieved 1/2" thick white polypropylene, an extremely durable and non-corrosive thermoplastic, highly resistant to most acids, solvents, and other corrosives. Polypropylene also offers non-conductive properties as well. The hood is designed to operate with a face velocity of 80 - 120 FPM. The full width plenum with adjustable dampers provides maximum efficiency for fume removal. The base cabinet is fully supported with adjustable levers for easy installation.

Plastic Concepts, Inc.

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**Plastic Concepts
Inc.**

Plastic Concepts Fume Hood

Construction & Standard Features

- Main construction of hood is thermal stick welding that provides a strong, durable and long lasting joint attachment. All edges are chamfered to ensure maximum weld penetration
- Valves, hinges, and plumbing are polypropylene
- Vented base cabinet for storage of acids and chemicals. Base cabinet serves as secondary containment
- Lip exhaust is designed to provide air for the hood even in the event the sash is fully closed
- Counter balanced adjustable sash made of acrylic
- Hood face velocity alarm
- Electrical: 115v, 15 amps for lights and blowers
- Power Source: 15ft. - 12/3 gauge cord with rubber coating
- Supported by leveling feet

Optional Equipment

- Cupsink
- Gooseneck
- Gas connections
- General purpose sink
- Digital readout display of hood face velocity
- Audible alarm monitoring exhaust pull

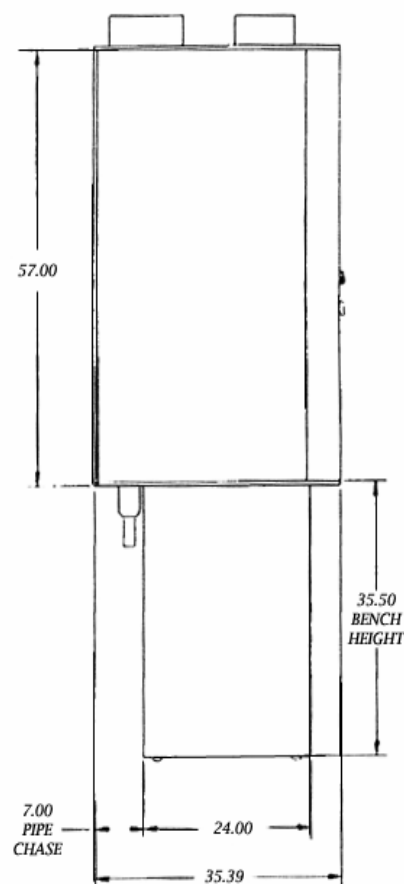
Designed In Accordance With:
AGGIH & SEFA guidelines

Additional Options:

- Hood trim colors: white, tan, blue, forest green, maroon, sky blue, black, plus many more
- G.F.I. Receptacle outlets: 110v/240v
- Water and air blow-off guns
- Fixtures: serrate cocks for gas, air, vacuum and liquid
- Amber lighting for photo resist
- Casters on the base

Construction Materials: FRPP, PVC, CPVC, FM4910 approved materials

Sash: PVC, polycarbonate (Lexan) or Safety Glass



Specifications:

	Width Dimensions	CFM Exhaust / Collar Connection	Electrical Requirements	Weight
4 ft. unit	49"	600 cfm / 8"	115v 20 Amps	200 lbs
5 ft. unit	61"	750 cfm / 8"	115v 20 Amps	300 lbs
6 ft. unit	73"	900 cfm / 10"	115v 20 Amps	400 lbs
8 ft. unit	99"	1200 cfm / 10"	115v 20 Amps	500 lbs

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