

AIR PURIFICATION

DUCTLESS FUME HOODS

Containment hoods

These containment hood systems are designed to enclose materials and operations under negative pressure, thereby preventing airborne contaminants from escaping into the work environment. Contaminated air is drawn through a variety of filters to remove pollutants. Filters are available for both vapors and particulates and they can be combined for multiple substance filtration.

The hoods are constructed of clear, .63kgs thick, acrylic and polycarbonate panels with sturdy aluminum framing (other panel materials are available if required). They come equipped with a clear vinyl curtain providing easy access while maintaining optimal airflow across the opening (optional door and sash configurations are available upon request).

Blower/Filter modules are normally mounted on top of the hood, however, if space is limited, they can be remotely located and connected to the hood via PVC hose. A high efficiency, brushless AC motor with dynamically balanced backward curved impeller moves up to 530cfm in free air at a noise level of less than 68dB at 1 meter.

If required, this ductless fume hood can be purchased without blower and filter units for connection to an existing venting system. Alternatively, a venting adapter kit is available for the blower to provide both filtering and outside venting.

Electrical: 240V Furnished with 1.2-meter cord and locking connector



099A G24240V shown above

Catalog Number	Description	Workspace Dims (cm)	Overall Dims (cm)	Watts	Weight (kgs)
200A G24240V	Fume hood, 61cm wide enclosure	55.9 x 43.2 x 43.2	61 x 45.7 x 82.5	100	24.9
200A G30240V	Fume hood, 76.2cm wide enclosure	71.1 x 43.2 x 43.2	76.2 x 45.7 x 82.5	100	27.2
200A G36240V	Fume hood, 91.4cm wide enclosure	86.4 x 43.2 x 43.2	91.4 x 45.7 x 82.5	100	28.9
200A G50240V	Fume hood, 127cm wide enclosure	121.9 x 43.2 x 43.2	127 x 45.7 x 82.5	100	44.5

Units are not available CE certified

Filters are sold separately to accommodate individual applications. Please see Filters below for detailed specifications.

Sloping front containment hood

This ductless fume hood is a completely self-contained, filtered-air workstation and work surface in one package. The angled clear polycarbonate hinged door over the large work area provides full visibility and easy access to instruments or containers inside. The 1.27cm polyethylene floor provides an easy to clean worksurface. The filter housing is designed to stack one or more filters simultaneously up to 17.8cm high, allowing one station to be used for multiple pollutants or procedures. Filters are easily accessible for replacement with no tools required. The system is powered by a 530cfm rated blower and it has a variable speed control for quiet and efficient operation. The workstation weighs approximately 23kgs and the blower unit is 14.5kgs, allowing each piece to be conveniently moved to any workplace. Enclosure is provided as a negative pressure blower but is also available with a reverse flow blower providing class 100 positive pressure clean air.

- Variable blower speed control optimizes air flow efficiency
- Easy access to instruments/containers
- No outside venting required

Electrical: 240V Furnished with 1.2-meter cord and locking connector



Catalog Number	Description	Workspace Dims (cm)	Overall Dims (cm)	Watts	Weight (kgs)
200A SL30240V	Sloping Front Fume hood, 76.2cm wide enclosure	72.4 x 55.9 x 40.6	76.2 x 59.7 x 83.8	100	37.5

Unit not available CE certified

Filters are sold separately to accommodate individual applications. Please see Filters below for detailed specifications.

WORKSTATION

This workstation is a completely self-contained, filtered air and work surface in one package. A rear mounted baffle provides horizontal laminar air flow with less turbulence. The angled clear polycarbonate shield over the large work area provides full visibility and easy access to instruments or containers inside. The sloping door is available as a solid polycarbonate hinged panel or with a cutout for a microscope. Lighting options include an LED strip which provides overhead illumination or an LED dual gooseneck lamp with a more concentrated light source for microscope viewing. This unit is often selected for use with a microscope and is available with an appropriate opening in the face shield to accommodate most stereo zoom microscopes. The filter housing is designed to stack one or more filters simultaneously up to 17.8cm high, allowing one station to be used for multiple pollutants or procedures. Filters are easily accessible for replacement with no tools required. The system is powered by a 530cfm rated blower and it has a variable speed control for quiet and efficient operation. The workstation weighs approximately 127kgs and the blower unit is 81.3kgs, allowing each piece to be conveniently moved to any workplace.

Enclosure is provided standard as a negative pressure blower but is also available with a reverse flow blower providing class 100 positive pressure clean air.

- Hospital and medical laboratories
- Pathology procedures
- Industrial processes and production lines
- Drug and chemical compounding
- Asbestos testing

Electrical: 240V Furnished with 1.2-meter cord and locking connector



shown with cutout for microscope

With cutout for microscope

Catalog Number	Description	Workspace Dims (cm)	Overall Dims (cm)	Watts	Weight (kgs)
200A HS5000C240V	Workstation with blower and cutout for microscope, 76.2cm wide sloping front	72.4 x 50.8 x 38.1	76.2 x 60 x 83.8	100	37.2

Unit not available CE certified

With solid polycarbonate hinged front panel

Catalog Number	Description	Workspace Dims (cm)	Overall Dims (cm)	Watts	Weight (kgs)
200A HS5000S240V	Workstation with blower and solid hinged front panel, 76.2cm wide sloping front	72.4 x 50.8 x 38.1	76.2 x 60 x 83.8	100	37.2

Unit not available CE certified

Filters are sold separately to accommodate individual applications. Please see Filters below for detailed specifications