

IV Hood - 18" Wide Portable Clean Room Hood

MADE IN
THE USA



SINCE 1983

Model # SS-218-IV

IV Hoods, or portable clean room hoods, provide a positive pressure enclosure to protect the product from cross-contamination of airborne particulate. **IV Hoods** supply reduced particulate air to the work space creating an **ISO Class 5 cleanroom environment** suitable for **IV Bag preparation**. Healthcare professionals should prepare IV bags in a sterile environment in order to produce the highest quality product as well as safeguard patients' health and safety.

IV preparation entails compounding medication, vitamins, and supplements into an intravenous fluid to be supplied directly to the bloodstream. IV or infusion therapy has grown in popularity for outpatient services and offers immediate therapeutic responses to treat a variety of medical conditions.

To protect the product and patient, medical professionals must follow best practices for IV preparation. The FDA does not regulate IV bag preparation but suggests following the USP 797 guidelines. USP 797 specifies best practices as *following aseptic techniques and utilizing a vertical laminar flow hood that furnishes ISO Class 5 clean air*. **IV Hoods**, or laminar flow hoods, offer a solution for safe IV preparation.

The **18" Wide IV Hood** creates a clean work enclosure for IV bag preparation through a positive pressure or vertical laminar flow pattern. A vertical laminar flow pattern forms when the system draws in ambient air through the dual stage filtration system supplying clean air to **IV Hood**. The dual stage filtration system contains a pre-filter and choice of the main filter – **HEPA filter** which offers up to 99.97% efficiency on particles down to 0.3 microns or **ULPA filter** which maintains up to 99.995% efficiency on particles down to 0.12 microns. The **18" Wide IV Hood** features a stainless steel IV bag rod for convenient and sterile temporary storage.

Product Features

- **Includes:** clear anti-static vinyl curtains, LED light, and stainless steel IV bag rod (7 hooks)
- Highly portable and lightweight
- Quiet operation
- Simple, quick "no tool" filter change
- Reliable and low maintenance operation
- Long filter life
- Other Standard Sizes: 24", 30", and 40"
- **Optional:** variable speed controller (115V only), hour counter, and removable spill tray



18" Wide IV Hood



18" Wide IV Hood with IV Bags



Stainless Steel IV Bag Rod (7 hooks)



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Positive Pressure Clean Room Hood

Product Specifications



Shown with outer dimensions.
Dimensions are approximate.



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Hood Dimensions (D x W x H)	Outer: 18.5" x 20" x 19" Interior: 18" x 18" x 18" Access Area: 8" x 18"
Hood Material	Sides: 0.25" white acrylic Base: 0.5" white high density polyethylene Top: 0.5" clear polycarbonate Front Window: 0.25" clear polycarbonate
Blower Dimensions	10.5"L x 8" W x 8.5" H
Blower Material	16 Ga. carbon steel with polyurethane epoxy coating on all surfaces
Weight (approximately)	35 lbs
Classification	ISO Class 5
Air Volume (approximately)	65 CFM FPM average face velocity (w/o curtains)
Electrical	115/1/60, 0.3 amps 220/1/50, 0.2 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level	55 dba (at 3' from hood inlet)
Pre-Filter	MERV 8 Pre-filter
Main Filter Options	HEPA (up to 99.97% efficiency on particles down to 0.3 microns) ULPA (up to 99.9995% efficiency on particles down to 0.12 microns)
Warranty (From Date of Shipment)	Limited three-year warranty on defects due to materials or workmanship.
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