

## IV Hood - 40" Wide Portable Clean Room Hood

Model # SS-340-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 **40" 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 **40" Wide IV Hood** features a stainless steel IV bag rod for convenient and sterile temporary storage.

### Product Features

- **Includes:** variable speed controller (115V only), clear anti-static vinyl curtains, fluorescent light, and stainless steel IV bag rod (10 hooks)
- Quiet operation
- Simple, quick "no tool" filter change
- Reliable and low maintenance operation
- Long filter life
- Other Standard Sizes: 18", 24", and 30"
- **Optional:** UV light, Magnehelic Gage, hour counter, and removable spill tray



40" Wide IV Hood



IV Hood with IV Bags (18" Model Shown)



Stainless Steel IV Bag Rod (7 hooks shown, 10 hooks on 30" model)



21221 FM 529 Rd, Cypress, TX 77433  
1.800.799.4609 • sales@sentryair.com  
[www.sentryair.com](http://www.sentryair.com)

# Positive Pressure Clean Room Hood

## Product Specifications



Shown with outer dimensions.  
Dimensions are approximate.



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<b>Hood Dimensions</b> (D x W x H)	<b>Outer:</b> 24" x 42" x 25" <b>Interior:</b> 23.5" x 40" x 24" <b>Access Area:</b> 8" x 40"
<b>Hood Material</b>	<b>Sides:</b> 0.25" white acrylic <b>Base:</b> 0.5" white high density polyethylene <b>Top:</b> 0.5" clear polycarbonate <b>Front Window:</b> 0.25" clear polycarbonate
<b>Blower Dimensions</b>	15.5" L x 13" W x 14.5" H
<b>Blower Material</b>	16 Ga. carbon steel with polyurethane epoxy coating on all surfaces
<b>Weight</b> (approximately)	115 lbs
<b>Classification</b>	ISO Class 5
<b>Air Volume</b> (approximately)	<b>MERV 8 Pre-Filter and HEPA Filter:</b> up to 350 CFM
<b>Electrical</b>	115/1/60, 2 amps 220/1/50, 0.75 amps 8' grounded power cord with NEMA 5-15P plug
<b>Sound Level</b>	55 dba (at 3' from hood inlet)
<b>Pre-Filter</b>	<b>MERV 8 Pre-filter</b>
<b>Main Filter Options</b>	<b>HEPA</b> (up to 99.97% efficiency on particles down to 0.3 microns) <b>ULPA</b> (up to 99.9995% efficiency on particles down to 0.12 microns)
<b>Warranty (From Date of Shipment)</b>	Limited three-year warranty on defects due to materials or workmanship.
<b>Patent #</b>	5,843,197