



## ESCO® Ascent™ Max Containment Ventilated Enclosure, 4'

w/ Phenolic Resin Work Surface

**Description:** The ESCO® Ascent™ Max Containment Ventilated Enclosure is designed for safe handling of non-sterile hazardous drugs. Featuring dual HEPA filtration, external exhaust capability, and ergonomic visibility through transparent side panels, it ensures user and environmental protection. Low-noise, energy-efficient fans and an antimicrobial Isocide™ powder coating enhance safety and comfort. Key components are positioned outside the airstream for easy service and contamination prevention.

\*\*Note: Base stand not included. Sold separately.

### Features:

- **Purpose-Built for Safety:** Designed for the safe handling of non-sterile hazardous drugs in pharmacy and cleanroom environments.
- **Dual HEPA Filtration:** Equipped with both primary and secondary HEPA filters for maximum containment and room air recirculation efficiency.
- **External Exhaust Capability:** Offers flexibility to connect to external ducting when needed for additional safety.
- **Transparent Side Panels:** Provides ergonomic visual access to the work zone while maintaining full containment standards.
- **Low-Noise, Energy-Efficient Fans:** Centrifugal fans with external rotor motors reduce vibration and operating costs while maintaining quiet performance.
- **Isocide™ Antimicrobial Coating:** Powder-coated surfaces eliminate 99.9% of surface bacteria within 24 hours, enhancing hygiene.

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- Service-Friendly Design: Key components such as lamps, switches, and motor capacitors are mounted outside the contaminated airstream for easier maintenance and reduced downtime.
- Contamination Prevention: External component placement helps maintain internal cleanliness and minimizes exposure risk.
- Worktop Options: Comes standard with a phenolic resin worktop; optional upgrades include epoxy or polypropylene surfaces.
- Reliable Performance: Engineered to deliver consistent protection for both users and the environment during hazardous drug compounding.

### Technical Specifications:

<b>Weight (kg/lb)</b>	225.0 / 496.0
<b>External Dimensions: W x D x H (cm/in)</b>	134.0 x 73.6 x 148.5 / 52.8 x 29.0 x 58.5
<b>Inflow Air Velocity</b>	0.40 m/s - 0.6 m/s (80-120 fpm)
<b>Air Volume</b>	567 m <sup>3</sup> /h (334 cfm)
<b>Airflow Monitor</b>	Sentinal™ Silver Microprocessor Control
<b>Electrical Requirements</b>	110-120 V, 50 Hz
<b>Lighting</b>	LED
<b>Noise (dBA)</b>	62
<b>Internal Height (cm/in)</b>	76.5 / 30.1
<b>Conformance</b>	UL-61010-1, USA/Canada CAN/CSA-22.2, No. 61010-1 EN-61010-1, Europe IEC61010-1, Worldwide

### Applicable Products:

- Base Stand: 5499 – ESCO® Ascent™ Max Adjustable Base Stand with Casters, 4'

**Warranty: 2 year, limited**

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