

Radiopharmacy Hood



* Representative image only. Actual unit may vary.

Lead-shielded Biosafety Cabinet

Introduction

The **Esco Lead-shielded Biosafety Cabinet** is designed for superior protection when handling radiopharmaceuticals and radioisotopes. The operator is protected from hazard during the process by the lead-shielded work zone and compartments.

The products being handled in the cabinet are continually protected through the laminar downflow of air from ULPA filters (as per IEST-RP-CC001.3) with 99.999% efficiency for particle size between 0.1 to 0.3 microns.

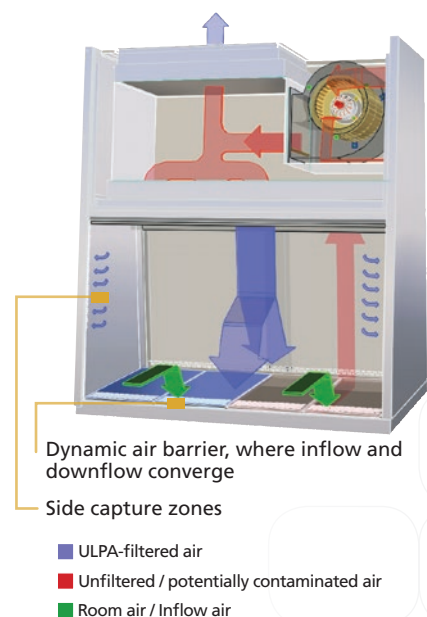
It also comes with equipment integration as dictated by individual process needs of the end-user.

Main Features:

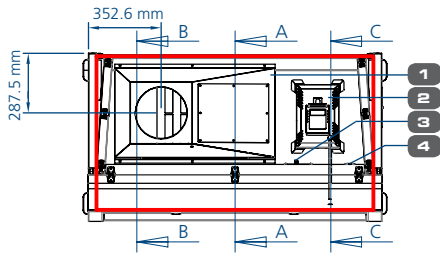
- Modular Design, easily customized with your desired equipment integrated in the work station
- Lead-lining thickness for each part of the equipment can be customized as per requirement
- Esco Sentinel™Gold Microprocessor supervises all cabinet functions
- Ensured protection from radiation
- Class II Biosafety cabinet operating in unidirectional/laminar flow with ISO Class 5 environment
- Energy-efficient, using the latest generation DC ECM motor
- With options for cabinet's material of construction:
 - Internal – SS 304 or SS 316
 - External – Electro galvanized steel with ISOCIDE™ antimicrobial powder coating or SS 304

Accessories and Options

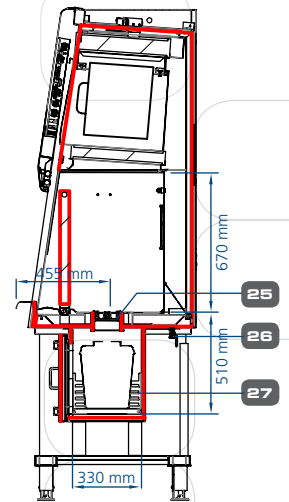
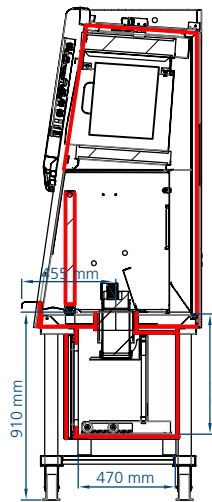
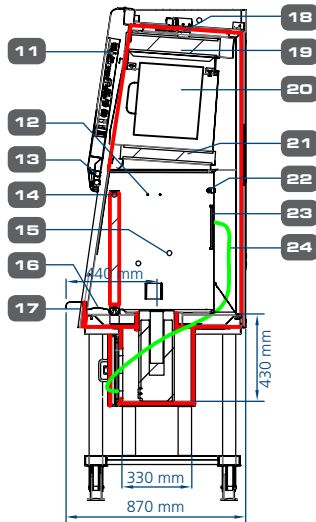
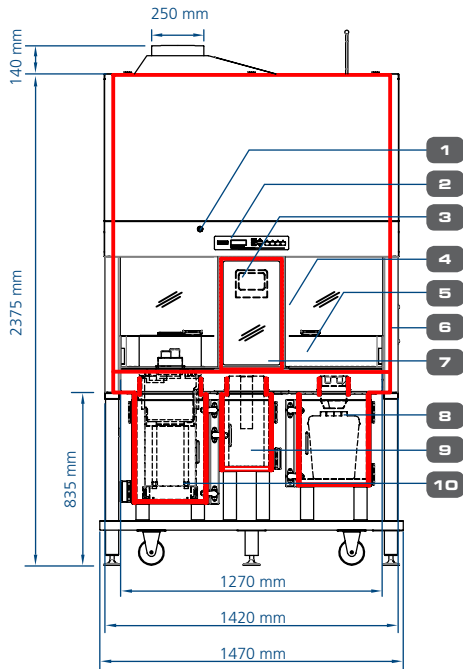
- Horizontal lead-shielded sliding glass
- L-block shields
- Lead-shielded compartments for integration of other equipment such as:
 - Generator
 - Dose Calibrator
 - Waste Bin
- Integration of other equipment needed for the process
- BIBO HEPA Filters
- Upgrade to full stainless steel cabinet



Model Lead-Shielded Class II Biosafety Cabinet Technical Specifications



1. Switch for Generator Lifter
2. Esco Sentinel Gold Microprocessor System
3. Dose Calibrator Console
4. Tempered Safety Glass
5. Single Place Stainless Steel (Back and side wall)
6. Removeable Side Dress Panel
7. Horizontal Lead Shielded Sliding Glass
8. Sharp Box Container Compartment
9. Dose Calibrator Compartment
10. Technetium Generator Compartment
11. Electrical / Electronic Panel
12. IV Bar Retrofit Kit Provision
13. Fluorescent Lamp
14. Sliding Lead Glass Rubber Stopper
15. Service Fixture Retrofit Provision
16. Stainless Steel Single Place Tray
17. Stainless Steel Single Armrest
18. Airflow Sensor
19. Exhaust H14 Filter
20. ECM Blower
21. Downflow H14 Filter
22. UV Light Retrofit Kit Provision
23. Lenovo Ideapad Holder
24. Cable Dose Calibrator to Console
25. Sharp Bin Cover
26. Stainless Steel 316 Drain Valve
27. Shelves



- ART Equipment
 Biological Safety Cabinets
 CO₂ Incubators
 Compounding Pharmacy Equipment
 Containment / Pharma Products
 Ductless Fume Hoods
 Lab Animal Research Products
 Laboratory Centrifuges
 Laboratory Fume Hoods
 Laboratory Ovens and Incubators
 Laboratory Shakers
 Laminar Flow Clean Benches
 PCR Cabinets
 PCR Thermal Cyclers
 Powder Weighing Balance Enclosures
 Ultra-low Temperature Freezers

Life Science • Chemical Research • Assisted Reproductive Technology (ART) • Pharmaceutical Equipment • General Equipment

ESCO

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ISOCIDE™



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