

# Environmental Containment Unit™

engineered to protect healthcare environments  
from airborne contaminants

The Environmental Containment Unit (ECU)™ is a collapsible and portable containment product engineered to protect sensitive healthcare environments and patients from airborne contaminants. The ECU™ meets all CDC and CSA requirements for protecting the surrounding environment when accessing ceiling cavities, performing wall maintenance and repair functions, or when used as an anteroom/airlock for either construction or for rapid-response patient isolation.

## Single unit, collapsible frame

- One person setup in approximately 10 minutes
- Minimal storage space requirement allows for convenient transportation to job sites
- Sturdy, non-skid polyurethane wheels transport unit between work locations while collapsed

## Spring-loaded top frame

- Provides safe, secure seal against the ceiling at a wide range of heights
- Anchors the unit in place in high traffic areas such as hallways

## Sturdy, reinforced PVC envelope

- Eliminates the need for plastic sheeting and pole barrier setups reducing long-term costs
- Durable, double-reinforced floor designed for heavy, frequent use
- Easily cleaned with standard hospital disinfectants.
- Flame rated to U.S. NFPA 701 standards



## ECU Ceiling Cavity™

- Ceiling cavity projects
  - Telephone/IT cable installations
  - Firestopping
  - Damper inspections
  - Maintenance and repair activities
- Professional inspections
- Re-lamping



## ECU AnteRoom™

- Create short-term emergency airborne infection isolation rooms when paired with HEPA filtered negative air machine
- Entry/exit chamber for minor construction projects
- Wall-based repair or remodeling projects
- Work within vertical shaft wall access panels



# Environmental Containment Unit™

## Detailed Specifications

### Frame:

- › Lightweight, collapsible frame
- › Spring-loaded piston top frame, with non-porous, zero-memory foam strip
- › Sturdy, non-skid polyurethane wheels
- › Collapsed Dimensions: 10" x 10" x 62"
- › Extended Dimensions
  - Footprint: 58" x 28"
  - Height: 7'6" to 9'5"
  - Weight: 45 lbs

### ECU AnteRoom™ envelope:

- › Durable PVC envelope flame rated to U.S. NFPA 701 standards
  - Hospital white, easily cleaned with standard cleaner
- › Flange: Flared from 43" to 52" (wide)
- › Four Doors (one on each side):
  - Flange side: 38" door within a 52" door
  - Non-Flange: 38"
  - Narrow sides: 20½"
- › Four clear panel windows: 14" x 40"
- › Two negative air ports in one removable panel for placement on either side of the unit
  - 11" diameter port with drawstring and seal
  - 3½" diameter HEPA vacuum port with drawstring and seal
- › Double reinforced floor engineered and manufactured for long-term reliability
- › Clear Pouch to display work/infection control permit
- › Weight: 25 pounds



### ECU Ceiling Cavity™ envelope:

- › Durable PVC envelope flame rated to U.S. NFPA 701 standards
  - Hospital white, easily cleaned with standard cleaner
- › One 20½" door
- › Two clear panel windows: 14" x 40"
- › Two negative air ports
  - 11" diameter port with drawstring and seal
  - 3½" diameter HEPA vacuum port with drawstring and seal
- › Double reinforced floor engineered and manufactured for long-term reliability
- › Clear Pouch to display work/infection control permit
- › Weight: 15 pounds



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*Mintie Technologies is the market leader in the design and development of specialized containment products for airborne particulates and bio-security. Our expertise in comprehensive indoor air quality solutions has been developed through 65 years experience. Our products enable healthcare, industrial and commercial organizations in the United States and Canada to maintain clean indoor environments that help safeguard the lives of their patients, employees and customers during a variety of internal construction, maintenance or disaster preparation activities.*