



# Solutions to Control Airborne Particulates for Healthcare Construction

The Environmental Containment Units (ECU) developed by Mintie are the industry leader in collapsible, portable containment products to control the spread of airborne particulates during construction, renovation and maintenance. The ECU product line are lightweight units that can easily be deployed by one person in 10-20 minutes depending on the model. This provides cost-effective and simpler compliance when compared to other methodologies of containment.

**ECU2™**



The ECU2 is the most recent generation of the industry leading ECU product line.

Collapsible, portable containment products are easy to set-up, use and transport or store.

The ECU2 combines wall and ceiling access into a single larger multifunctional and modular unit.

**ECU Ceiling Cavity™**



The ECU CC was engineered to control the spread of dust and airborne contaminants during construction and maintenance projects in the ceiling cavity. Ideal for multiple quick-entry jobs.

Providing superior convenience and durability compared to poles and plastic sheeting or fixed frame alternatives, workers simply wheel it into position, pop it open and secure against the ceiling.

**ECU Corridor Flange™**



Allows a corridor to be separated at any point in order to contain larger areas.

ECU2 accessory

**ECU Mobile Platform™**



Allows tools to be left inside ECU units during repositioning. Improves efficiency and makes compliance with infection control requirements easy.

**ALL ECU UNITS ARE SINGLE PIECE, EXTERNAL FRAMES AND CAN BE PAIRED WITH MINTIE HEPA-FILTERED NEGATIVE AIR MACHINES**



The ECU Ceiling Cavity, ECU Anteroom and ECU2 product line are patented. All products have been clinically evaluated and rigorously tested for efficacy of particle containment, ventilation and stability in healthcare environments.

The ECU line of products when paired with a HEPA-filtered negative air machine, will safely contain airborne contaminants and facilitate containment projects easier to perform, while meeting all of the required codes and standards every time for all types of construction jobs, such as:

- Communication / IT Cabling projects
- Plumbing
- Pneumatic Tubing instillation and maintenance
- Asbestos Inspection and abatement activities
- HVAC instillation and maintenance
- Electrical systems instillation and maintenance
- Firewall repair and fire inspection
- Professional A&E inspections
- Lighting fixture re-lamping and ballast replacement

Single ECU2



### ECU2 Benefits

#### Large, single unit, collapsible frame

- 30% larger than original ECU
- One person set up in 15 minutes

#### Flat floor truss allows easy access for carts, gurneys, beds and wheelbarrows

- Larger, sturdy wheel housings can absorb heavy usage making the unit easily transported to other sites and from point to point on the job site
- Requires minimal storage space

#### Modular capability

- Combine two or more ECU2 units to create a large, customized containment space
- Create an anteroom / airlock or protective staging area to safeguard larger areas, entire corridors or floors
- Longer modular cuff accessory creates contained protective area that will accommodate the largest gurneys and hospital beds

#### Envelope combines ceiling cavity and wall access points

- Modular manufactured containment units eliminates the need for plastic sheeting and pole barrier-type of set-up

#### Lightweight polyfabric, flame rated to U.S. NFPA 701 standards

- Double reinforced floor for extra durability in work application's
- Easily cleaned with standard hospital disinfectants

Two ECU2's Combined



Two ECU2's connected with 1' Modular Cuff



Two ECU2's connected with 5' Modular Cuff



ECU2 Bundle w/1000V



### ECU2 Specifications

#### Frame

- Lightweight, collapsible frame
- Two-piece top frame assembly with foam strip
- Flat floor truss
- Sturdy, non-skid polyurethane wheels
- Collapsed dimensions: 12.0" x 12.0" x 66.0"
- Extended dimensions:

Footprint: 34.0" x 61.0"  
Height: 7.0" x 10.6"

- Weight: 45 lbs.

#### Envelope

- Lightweight, durable CA State Fire to U.S. NFPA 701 standard
- Four Doors: (two narrow, two wide cargo):  
Wide: 48", Narrow: 22"
- Four clear windows: 14.0" x 40.0"
- Two negative air ports in removal panel format.
- 12.5" round port with drawstring and seal
- 3.5" round HEPA vacuum port with drawstring and seal
- Double-reinforced floor
- Clear pouch to display work/infection control permit.
- Weight: 20 lbs.
- Flange accessory: 20.0" long, flares 44.0" to 58.0"
- Connector Cuff: 12.0"

### ECU Mobile Platform Specifications

- Components: collapsible aluminum platform, detachable platform dolly, Velcro locking straps, Velcro transport strap
- Weight: 58 lbs.

### ECUCC and ECUAR Specifications Frame

- Lightweight, collapsible frame
- Two-piece top frame assembly with foam strip
- Flat floor truss
- Sturdy, non-skid polyurethane wheels
- Collapsed dimensions: 10.0" x 10.0" x 62.0"
- Extended dimensions:  
Footprint: 58.0" x 28.0"  
Height: 7'6" x 9'5"  
Weight: 45 lbs.

#### Envelope

- Lightweight, durable CA State Fire to U.S. NFPA 701 standard
- One 20.5" door
- Two clear panel windows: 14.0" x 40.0"
- Two negative air machine ports
- 11.0" round port with drawstring and seal
- 3.5" round HEPA vacuum port with draw string and seal
- Double-reinforced floor
- Clear pouch to display work/infection control permit
- Weight: 15 lbs.

### ECU CORRIDOR FLANGE Specifications

#### Envelope

- Polyfabric: Lightweight, durable flame-rated to U.S. NFPA 701 standard
- Seals to corridor with Velcro tape
- Doors: one 36"
- Window: one 12.0" x 18.0"

#### Extended Dimensions:

- 120.0" x 24.0" x 144.0"
- Dimension Adjustment:  
Length: Velcro overlap sections  
Width: Drawstrings  
Height: Velcro overlap sections

- Weight: 20 lbs.

### HEPA Filtered Air Purification Systems



#### Model

- MINIFORCE II
- OMNIAIRE 600V
- OMNIAIRE 1000V
- OMNIAIRE 2000V

#### Project Type

- Ideal for Small projects
- Ideal for Small-to-Medium Projects
- Ideal for Medium-to-Large Projects
- Ideal for Medium-to-Large Projects