

MINTIE

# ECU4 [Environmental Containment Unit]

ENVIRONMENTAL CONTAINMENT UNIT FOR ICRA COMPLIANCE LEVELS I-V



## Collapsible Containment or Temporary Isolation Unit with Multi-Functional Accessories.

The ECU4 equipment is industry-leading soft-sided containment unit offering a portable and cost-effective solution that sets up in minutes and collapses to conveniently fit into service vehicles.



### Unit Size

#### ECU4

Manufactured in one convenient size with the ability to add modular components and accessories.

These components and accessories make the ECU4 multi-functional in a wide array of containment projects.



### Multi-Functional

Projects supported include:

Ceiling Containment

Wall Access

Pandemic Response

Threshold Airlock

Corridor Airlock

Temporary Vestibule Egress

Corridor Isolation



### Components Accessories

#### Sidewall Flange

Work in walls and ceilings

#### Corridor Flange

Seal an entire corridor

#### Mobile Platform

Moves ECU4 faster.

#### Air Scrubber

Add negative air pressure.

#### Tow Cart

A caddy for the NAM.



### Disposal Envelope Option

Single-use envelopes for easy clean-up.

Fresh envelope for each use.

# Standard Features of Every ECU4

## Portable



The ECU4 features a collapsible frame that makes it easy to store and transport.

Easily repositioned with the unit deployed and ladder in place.

Add the mobile platform for added portability.



## Convenience



Adjustable negative air machine port and vacuum port



Four windows for visibility.

Clear permit display holder.



Pin locks and Velcro straps for height adjustment.

Two air balancing vents.

## Build Quality



Envelope features a double reinforced nylon floor and a lightweight, rip-stop poly fabric, flame rate to U.S. ASTM E 84.



YKK#10 resin zippers.

Sturdy, metal articulating frame setup.

Reinforced stitching on all velcro straps.



Larger wheel housing with ball bearing assembly for durable service.

## Modular and Scalable



The modular envelope has many accessories to scale to the project.

Multiple configurations for renovation, isolation and surge capacity.

Combine two or more ECU4 units to allow multiple persons to work in one large containment space, create anterooms, corridor containment and airlocks.



# ECU4 Base Model with Accessories



**ECU4** **BASE MODEL**



**ECU4** **ANTEROOM**



**ECU4** **CORRIDOR**

**Doors:**

Qty: 2 | Two 22 in. narrow doors  
Two 48 in. cargo doors

**Windows:**

Qty: 4 | 14 in. x 40 in.

**Working Dimensions:**

48" in. W x 22 in. D  
Extends from 7 ft. to 10 ft. 6 in.

**Collapsed Dimensions**

12 in. L x x 66 in. W x 12 in. H

**Working Dimensions:**

31 in. L x 31 in. W x 61" T

**Working Weight:**

62 lbs.

MODEL: MTIECU4

**Add the Sidewall Flange To Make the Anteroom Assembly:**

Zipped-in flange on all 4 sides.

**Fit:**

Frameless flange adapts to doors 30 in. to 58 in. W  
Up to 80 in. H

**Working Dimensions:**

51.75 in. W x 24 in. D x 85.5 in. H

**Unique Features:**

20" depth suitable for anteroom and controlled airlock ingress

**Working Weight:**

75 lbs.

MODEL: MTIECU4 +  
MTIECU4-SWF

**Add the Corridor Flange to Make the Corridor Assembly:**

Seals off with Velcro tap

**Fit:**

Extends to 120 in. H  
x 55" D x 144 in. W

**Dimension Adjustments:**

Length: Velcro overlap sections  
Width: Drawstrings  
Height: Velcro overlap sections.

**HUnique Features:**

Isolates an entire corridor with modular components

**Working Weight:**

82 lbs.

MODEL: MTIECU4 +  
ECU4-CORFLA



## ECU4 Work Efficiency Accessories



### MOBILE PLATFORM

Four (4), non-marring casters with brakes mounted to the platform provide mobility for the ECU4.

Extends the height of ECU4 unit to reach 11 ft.

PART #: ECUMP4



### TOW CART

Attaches to the Mobile Platform and allows the external Nitro negative air machine to be towed with the ECU4.

PART #: ECUMPTC



### NITRO NEGATIVE AIR MACHINE

Ports to either side of the ECU4 and provides the necessary negative air pressure for dust containment and infection control.

PART #: OA600NHAZ-001



### 5-FT CUFF FLANGE

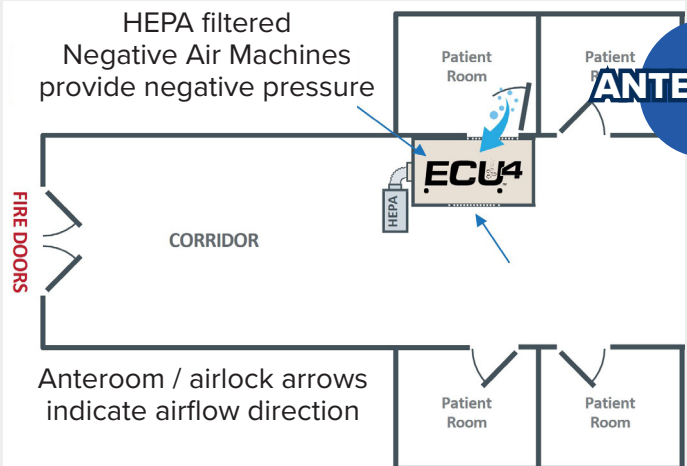
Add the 5 ft. flange between two ECU4s to create an airlock.

Zips into place on both ECU4s.

PART #: ECU-MODCUF



# Response to Surge Capacity Temporary Isolation


HEPA filtered Negative Air Machines provide negative pressure



**ANTEROOM**

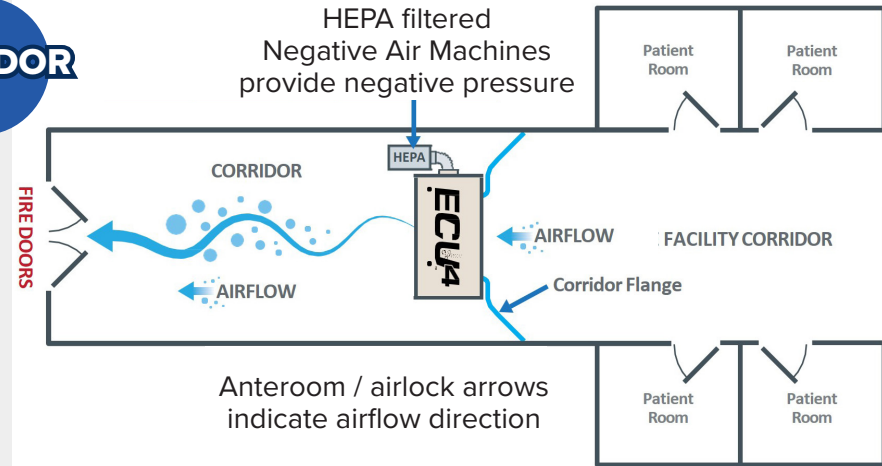
Anteroom / airlock arrows indicate airflow direction



**CORRIDOR**

HEPA filtered Negative Air Machines provide negative pressure

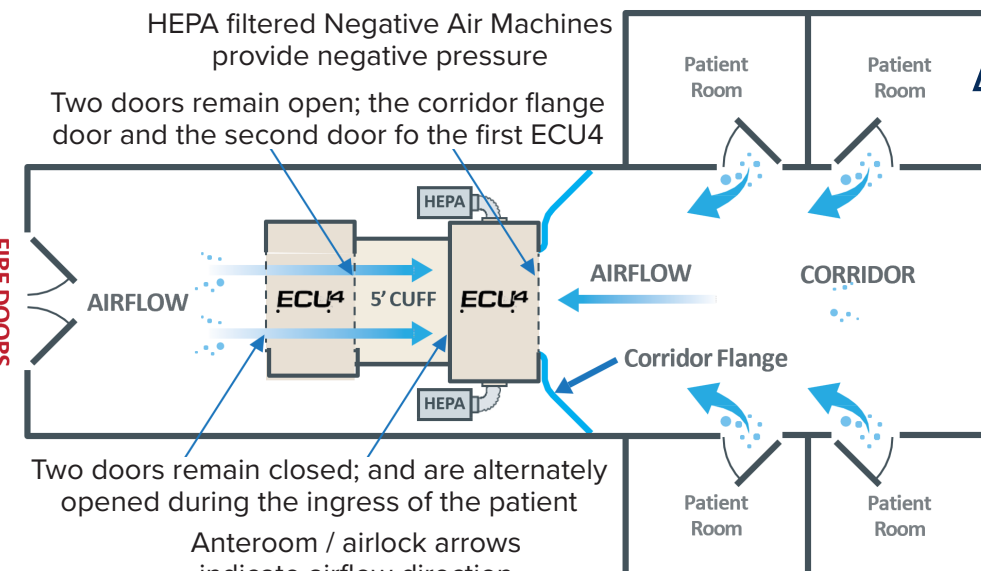


**CORRIDOR**

Anteroom / airlock arrows indicate airflow direction

HEPA filtered Negative Air Machines provide negative pressure



Two doors remain open; the corridor flange door and the second door for the first ECU4



**AIRLOCK**

Two doors remain closed; and are alternately opened during the ingress of the patient

Anteroom / airlock arrows indicate airflow direction



# ECU4 CONSUMABLES AND REPLACEMENTS



## DISPOSABLE ENVELOPES - 4 PACK

Dispose of the enclosure after each use for easy clean up.

PART #: DE4CC4



## REPLACEMENT FRAME OR ENVELOPE

Both the frame and envelope for the ECU4 can be replaced independently.

PART #: MTIECU4-FRC (Frame)  
MTIECU4-ENV (Envelope)

# ECU4 Models and Parts Guide



## ECU4

MODEL #	CONFIGURATION
MTIECU4	ECU4 Modular Assembly
MTIECU4-SWF	Sidewall Flange Accessory
ECU4-CORFLA	Corridor Flange Accessory
ECU4-MODCUF	Modular 5 ft. Cuff Assembly
MTIECU4-MAS	AnteRoom Assembly = ECU4 + Sidewall Flange Accessory
MTIECU4-MPP	ECU4 + Sidewall Flange + Mobile Platform + Tow Cart
MTIECU4-CMCS	ECU4 + Sidewall Flange + Mobile Platform + Tow Cart + Negative Air Machine + Disposal Envelopes (4 pack)

