

# Mosquito Bio-Containment Cage

## Catalog # 41530 - Controlled Environment Chamber



The CEC allows the housing of small animals and insects in a microbiological environment that can operate at a BSL-3. The equipment can control temperature, humidity, and CO<sub>2</sub>.

All doors and openings have mechanical devices for seal compression. The cages are removable and have waste pans. All chamber doors and windows are made of tempered glass.

Chambers and cages can be made to accommodate several species of animals. Various sizes are available. Air entering and exiting the chamber passes through a carbon pre-filter and HEPA filter.

The air that exits the rear of the chamber passes through a special housing. The special housing contains a fan to move the air, environmental sensing, temperature control, and humidity introduction. The adjusted air is then reintroduced into the front of the chamber.

The Chamber operates with a slight negative pressure so any leakage is inward.

Controls are mounted on a cart which can be easily separated from the chamber for sanitization.

### **Cage Specifications:**

3 Cages shown are each 1.75 Sq. Ft.

Cages are insect tight

SS Structural frame & waste pan

Clear lexan panels on top and sides of cage

Pre-piped waterline and drinking valve

All stainless steel with tempered glass chamber door & side windows

Chamber is suitable for 250F Autoclave

Removable shelf above the cages can support containers of insects or very small animals

