

# CHEM/BIO ISOLATION SYSTEM

## Product Overview

Chemical and biological infection control system quickly creates a negative pressure isolation room with air lock entry. May also be configured as positive pressure clean room for immune deficient patients.

## Features

- Shelter's patented articulating frame is made of corrosion resistant anodized aluminum frame and deploys in seconds
- Exterior frame supporting interior fabric isolates contaminants and expedites post cleanup use
- Air filtration system removes toxic chemicals and biological agents and harmful airborne particles
- Numerous overhead and sidewall attachment points for monitoring equipment
- Erects quickly with two people in 8 minutes to provide isolation for up to 5 patients
- Differential pressure gauges – 3 7/8" diameter dial type
- Prefilter (UL Class 2) 25-30% dust spot efficiency by ASHRAE Std 52.1
- HEPA (UL 900 Class I) 99.97% on .03u particles
- Carbon absorber ASZM-TEDA carbon media max 1000 CFM at .75" max of water



Chemical & Biological agent isolation system deploys in 30 seconds, creating a positive pressure safety zone

## Features

- Air filtration system removes toxic chemicals, biological agents and other harmful airborne particulates including smoke
- Shelter canopy is UV stabilized, fire retardant, chemical resistant and utilizes TVI's patented articulating frame

## Specifications

- 99.99% Biological agent filtration by a HEPA filter tested at .3um using DOP or Emory 3004
- 99.99% Chemical agent filtration provided by a 35 lb. TETA carbon absorbency filter which are 100% freon tested
- Air Filtration system constructed of stitch welded stainless steel and meets ASHRAE specifications standard 52.90
- Filter blower is 120vac, 60Hz and provides 350CFM(2" of static pressure) of filtered air based on the above filters
- Air filtration system measures 36"L x 21"W x 26"H and weighs 109lbs.
- Shelter shown is 4.5' L x 5.0W (internal) weighs less than 45lbs. and folds up into 24"x12"x30" cube for storage