

CHEM/BIO INFECTION CONTROL SYSTEM

Filtration System Specifications

- Filtration system removes toxic chemicals, biological agents and harmful airborne particulates
- Closed control loop responds to air pressure changes in chamber automatically adjusting CFM
- Filtration system delivers 1000 CFM at 2.5" of water
- Provides up to 100 air changes/hr
- Vertical arrangement minimizes footprint area
- Triple element filter design: pleated pre-filter (UL Class 2) for gross filtration, HEPA for particulate filtration and carbon ASZM-TEDA for chemical absorption
- Absolute HEPA (UL 900 Class 1) high capacity filter rated at 99.99% on 0.3µm particles (per IES-RP-CC034.1)
- Pleated ASZM-TEDA carbon absorber with proven performance tested to 15 minutes of DMMP at 99.99% efficiency when challenged with 5000 mg/m³ of DMMP as tested by SBCCOM Army Lab, Aberdeen, MD
- Magnetic gauges measuring pressure drop across pre-filter
- Chamber pressure monitor with digital readout
- 110V, 60Hz
- All units mounted on lockable wheels
- 8" flexible duct for shelter/filtration interface



AT1-001-006-FS1

SPECIFICATIONS FOR AT1-001-006-FS1	DESCRIPTION
Dimensions	77" x 31 x 26" : 380 lbs.
Air Flow Capacity	1000 CFM
Ducting	15' flexible hose, 14" diameter

Filter modules are reversible for positive & negative pressure applications