PASS 1600 AIR ISOLATION UNIT
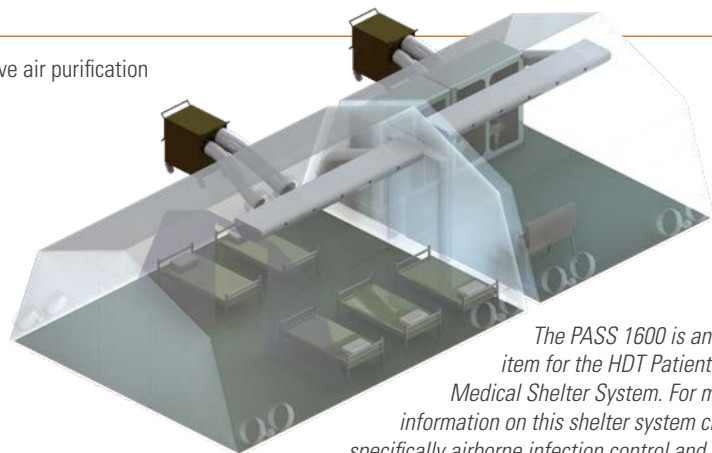*Portable HEPA Filtration for Medical Isolation*

The HDT PASS 1600 Air Isolation System is a durable, portable air filtration unit that provides effective airborne infection control and isolation. Using the patented technology of HEPA filtration and UVC irradiation, the system captures and destroys such airborne pathogens as Anthrax (inhalational), Chickenpox, Influenza, Measles, Smallpox, Crypttococcosis and Tuberculosis.

The HDT PASS 1600 Air Isolation System can create either positive pressure "collective protection" or negative pressure "medical isolation" utilizing patented technology to capture, contain and neutralize biological contaminants in all weather conditions.

The HDT PASS 1600 Air Isolation System can be use in conjunction with any HDT shelter to create unmatched capability for medical isolation protection.

KEY FEATURES

- High-flow HEPA filtration combined with 254 NM UVGI for comprehensive air purification
- HEPA Filtration (99.97% efficiency) greater than 0.1 microns
- Meets or exceeds CDC guidelines for airborne infection isolation for shelters up to 8,000 ft^3
- Variable speed blower delivers 0 to 1,600 cfm
- Digital controller displays room pressure and HEPA filter pressure in real time
- Durable, all-weather construction

The PASS 1600 is an optional item for the HDT Patient Isolation Medical Shelter System. For more information on this shelter system created specifically airborne infection control and isolation, please contact your HDT representative.

Specifications	
HDT Part Number (US)	**402-H027609 (US)**
NSN	
On GSA Contract	
Size	36.5" x 18.5" x 41"
Weight	236 lbs
Power Requirements	115 Vac, 11.5 Amp, 60 Hz
Power Cord	12'
Airflow Capacity	0 to 1600 cfm Electronic speed control
Airflow Ports	
Inlet	2 with adjustable dampers for flow control – 14" and 10"
Outlet	2 with adjustable dampers for flow control – 14" and 10"
High Capacity HEPA Filter	24" x 18" x 11.5" – Deep "V" Filter, 99.99% @ 0.3 Microns
UVGI Lamps	
Front Bank	4 lamps on a removable frame
Rear Bank	5 lamps on a fixed frame
Bulb Intensity:	120 Microwatts / CM2 254 NM Germicidal Wavelength
Displays and Alarms	Visual alarm on controller to indicate bulb failure Visual and audio alarms on controller to indicate HEPA filter replacement Visual and audio alarms on controller to indicate area pressure failure
Controls	Differential airflow dampers to adjust room pressure – on unit
Cabinet	16 gauge powder coated steel Easy-access panel for filter replacement Soft-ride casters standard (pneumatic turf tires are available)

REPLACEMENT PARTS

Description	HDT Part Number
EMAT-3T HEPA Filter	402-H028320
UVC Bulb (9 per)	402-H028321
Ballast (9 per)	402-H028322

Products, product specifications and data are subject to change without notice to improve reliability, function, and/or design.
Please contact Customer Service at 800.969.8527 for the most up-to-date product information.