

EMAT 3T

Bio / HEPA Filtration

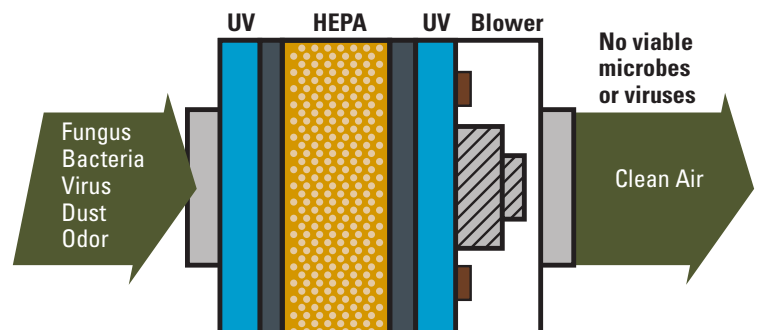
HDT[®]
GLOBAL



The HDT EMAT 3T IAT (Isolation Air Technology) unit uniquely integrates patented technology with high-quality HVAC equipment into a single complete package. The EMAT 3T unit can create either positive pressure “protective isolation” or negative pressure “medical isolation,” utilizing HEPA filtration and ultraviolet germicidal irradiation to capture, contain and neutralize all biological contaminants. In addition, the EMAT 3T systems exceed CDC guidelines for air changes when utilized with an isolation area of the appropriate size. Most importantly, the unit can be used in conjunction with any portable shelter or building to create unmatched capability for medical isolation protection.

KEY FEATURES

- Positive Pressure Protective Isolation
- Negative Pressure Medical Isolation
- Continuous pressure monitoring of isolation area
- 36,000 BTU/H (10.55 kW) cooling capacity
- All-weather durability
- Adjustable air flow – 1,100 CFM (1869 m³/h) max



EMAT 3T

Bio Filter / Environmental Control Unit



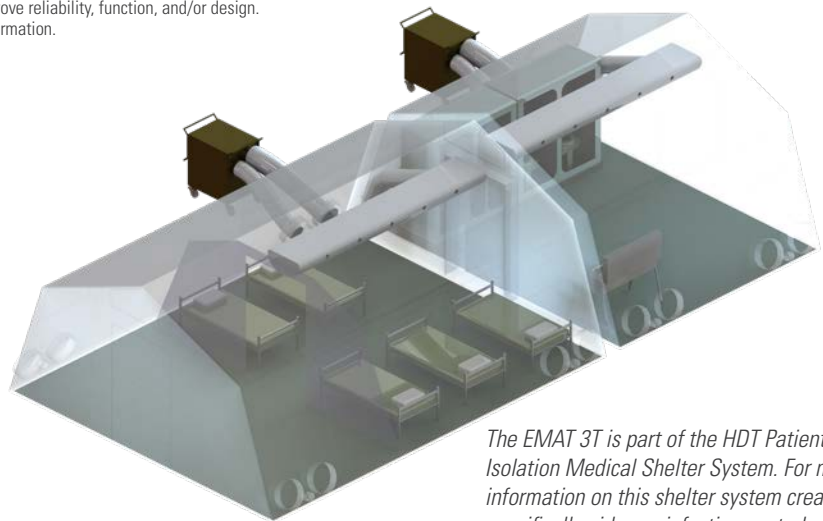
EMAT-3T SPECIFICATIONS

Ordering information	
HDT part number	604-H007117
NSN	N/A
On GSA Contract	
Refrigerant	R410
ECU Cooling Capacity	36,000 BTU/H 10.55 kW
Power	
Voltage	220/240VAC, single phase, 50/60Hz
Air Flow	1,100 CFM maximum 1869 m ³ /h
Dimensions	
L x W x H	44.5" x 27.5" x 48" (113 x 69.9 x 121.9 cm)
System Weight	466 lbs (211.4 kg)
Materials	
Housing	16 gauge steel, welded seams, polyester, epoxy powder coating
Frame	Steel
Wheels	5" (12.7 cm) semi-pneumatic tires, front locking, 8" or 10" (20.3 cm or 25.4 cm) wheels optional

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.



The EMAT 3T is part of the HDT Patient Isolation Medical Shelter System. For more information on this shelter system created specifically for airborne infection control and isolation, please contact your HDT representative.

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