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

<table>
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<th>Ordering information</th>
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<tr>
<td>HDT part number</td>
<td>604-H007117</td>
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<td>NSN</td>
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<td>On GSA Contract</td>
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</table>

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 m³/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

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<thead>
<tr>
<th>Description</th>
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<tr>
<td>EMAT-3T HEPA Filter</td>
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<tr>
<td>UVC Bulb (9 per)</td>
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<tr>
<td>Ballast (9 per)</td>
<td>402-H028322</td>
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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 airborne infection control and isolation, please contact your HDT representative.