

## Isolation Systems AIRISO EMAT (Emergency Medical Air Technology) Units

AIRISO EMAT (Emergency Medical Air Technology) units uniquely integrate patented technology with high-quality HVAC equipment into a single complete package. EMAT units 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, AIRISO EMAT systems exceed CDC guidelines for air changes when utilized with an isolation area of the appropriate size. AIRISO EMAT units can be used in conjunction with any portable shelter or building to create unmatched capability for medical isolation protection. There are two models (sizes) available: the AIRISO EMAT-3T and the AIRISO EMAT-5T. Both units are extremely durable and all weather capable.



**Both units include the following:**

- (1) Controller with Case
- (2) 16" Ducts 25' in Length
- (2) 20' Power Cables



### AIRISO EMAT-3T

- Positive Pressure Protective Isolation
- Negative Pressure Medical Isolation
- Continuous pressure monitoring of isolation area
- 68,000 BTU heating capacity
- 36,000 BTU cooling capacity
- All-weather durability
- Adjustable airflow-1,100 CFMmax
- Ozone (optional) for post-event decon

### AIRISO EMAT-5T Highlights

- Positive Pressure Protective Isolation
- Negative Pressure Medical Isolation
- Continuous pressure monitoring of isolation area
- 94,000 BTU heating capacity
- Combination Heat Pump / Electric Heat Coils
- 60,000 BTU cooling capacity
- All-weather durability
- Adjustable airflow-2,400 CFM max
- Ozone (optional) for post-event decon

Model	Air Flow	Max. Shelter Size (CU. FT.)	Heating (BTU)	Cooling (BTU)	Pressure
EMAT-3T	1,100 CFM	5,500	68,000	36,000	Positive / Negative
EMAT-5T	2,400 CFM	12,000	94,000	60,000	Positive / Negative

### How They Work

AIRISO's patented technology utilizes high flow HEPA filters in combination with UltraViolet Germicidal Irradiation to achieve unmatched performance to capture, contain, and neutralize bioaerosols and particulates of all types and sizes.

