

## MAV-3EC

### Mobile Aircraft Fuel Tank Ventilating System

**Description:** A very portable system to ventilate Aircraft Fuel Tanks. All equipment stores within a tough, reusable container. Achieves an unparalleled level of safety and efficiency. Operates in a range of set up configurations applied to any size of aircraft. Functions with portable or stationary electrical supply 115 volt, Single Phase, 60Hz current. Proven through documented testing to drastically reduce the time required to render fuel tank(s) safe for inspection or repair.

**Contents:**

- (1) Electric Driven Explosion Proof Ventilator with attached 20' (7,5m) Static Bonding Cable Assembly (Part Number AF-178E ).
- (4) Conductive Ducting 8" x 15' (203mm x 4,6m) with built-in Storage Device and J-Slot Quick Disconnect Ends (Part Number RA-8X).
- (1) Intake Air Filter Adapter for 8" Blower ( Part Number AP-3 )
- (1) Under wing Access Air Duct Adapter (Part Number AP-208) *Not shown in Photo*
- (1) Reusable Container ( Part Number RAC-3C)

**All Ventilator equipment stores within this reusable container.**



**Ventilator  
Equipment**

## **MAV-3EC**

### **Rhine Airs Mobile Aircraft Fuel Tank Ventilating System**

- Decreases time required to Ventilate Fuel Tanks and render safe for personnel entry.
- Produces a safer working environment.
- Lower cost when compared to other existing systems
- Lightweight and very portable, sets up quick and easy.
- Impact and Crush resistant reusable container with built-in equipment storage dividers.
- Off the shelf, commercially available.
- Designed specifically for Aircraft Tank Ventilation.
- Capability to purge and exhaust Fuel Vapors completely away from Aircraft Location.
- Saves Labor Costs.
- Operates with existing Power Supplies.
- Can be used to force fresh air into tank or to exhaust fuel vapors out.
- Entire System designed to dissipate and relax Static Electrical Charges.
- Low Noise Operating Level.

## **System Specifications**

### **Storage Container Overall Dimensions**

**Length 38”(96cm) Width 38” (96cm) Height 39” (99cm))**

### **Reusable Container Features**

- Rotationally molded MDPE Plastic
- Recessed Hardware – Stainless Steel
- Molded Tongue-in-groove gasketed parting line
- Pressure relief valve
- Removable lid
- Container Color – GSE Yellow Color
- Recessed Handles on left, right, front and rear side (Set of 8)
- Attached Aluminum inner compartment dividers

### **Total System Weight**

248 lbs. (115 kg)

### **Required Power Supply**

115 volt, Single Phase,  
60 Hz, AC Electrical Current  
20amp minimum fuse circuitry

### **Ventilator Features**

1500 cfm output ( 2549 m<sup>3</sup>/hr )  
Weight 101 lbs. (46kg)

Designed for Class 1, Division 1 working environments under National Electric Code Definition. 50-ft attached electrical cord.