

MAV-3EC

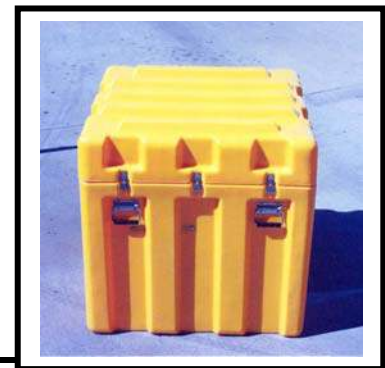
Mobile Aircraft Fuel Tank Ventilating System

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**

**Commercially Available
Proprietary Design**

Rhine Air

Breathing Pumps, Pneumatic Fans Blowers

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 m³/hr)
Weight 101 lbs. (46kg)

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