

MAV-1C

Mobile Aircraft Fuel Tank Ventilating System

Description: A very portable system to ventilate one or multiple Aircraft Fuel Tanks at once. All equipment stores within a tough, reusable container. Provides a smaller footprint for Mobility/Deployment conditions. Achieves an unparalleled level of safety and efficiency. Operates in a wide range of set up configurations applied to any size of aircraft. Functions with portable or stationary compressed air supply. Proven through documented testing to drastically reduce the time required to render fuel tank(s) safe for inspection or repair.

Contents:

- (1) Pneumatic Driven Air Mover with attached 25' (7,5m) Static Bonding Cable Assembly (Part Number APV-2).
- (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) Inlet Compressed Air Hose Assembly 100 ft. (30m) with attached Quick-Disconnect Fittings (Part Number HIB-100).
- (1) Intake Air Filter Adapter for Air Mover (Part Number AP-3).
- (1) Under wing Access Air Duct Adapter (Part Number AP-208) *Not shown in Photo*
- (1) Multiple Port Air Duct Adapter (Part Number C-808)
- (4) Conductive Ducting 4" x 15' (101mm x 4,6m) with J-Slot Quick Disconnect Ends (Part Number RA-4X).
- (1) Reusable Container (Part Number RAC-2C)

Designed for EU/CE Compliance. Air Mover and Conductive Duct independently reviewed in conformance with EN1127-1: 1997 PROTOCOL. Adequate for use in a Category 1 environment.

All Ventilator equipment stores within this reusable container.



**Ventilator
Equipment**

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Rhine Airs Mobile Aircraft Fuel Tank Ventilating System

Smaller size footprint for Mobility / Deployment conditions.
Includes a more durable, effective ventilator that is virtually maintenance free.
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.
Decreases time required to Ventilate Fuel Tanks and render safe for personnel entry.
Designed specifically for Aircraft Tank Ventilation.
Capability to purge and exhaust Fuel Vapors completely away from Aircraft Location.
Save Labor Costs.
Produces a safe working environment.
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.

Storage Container Overall Dimensions

Length 38" (96cm) Width 38" (96cm) Height 39" (99cm)

Total System Weight

230 lbs. (105 kg)

Reusable Container Features

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

Required Power Supply

Compressed Air
50 cfm at 80 psi
(85m³/hr at 5, 6 kg/cm²)

Ventilator Features

1500 cfm output (2549m³/hr)
Weight 16 lbs. (7, 5 kg)
Corrosion Resistant Aluminum and
Stainless Steel design.