

Aircraft Fuel Tank Ventilating Systems

System # 6

Description: A Complete, Portable Electric Driven, Explosion Proof Ventilation System which can be transported, set-up and used at various locations. System includes Ventilator, Static Bonding Cable, 75' ft. (23m) of Static Conductive Air Duct, Intake port air filter screen adapter and underwing access air duct adapter. System designed specifically for aircraft fuel tank ventilation applications. Adapts to any size and model of aircraft.

Contents:

- 1 Each Electric Driven, Explosion Proof Ventilator (Model AF-178E) Operates with 115 volt, single phase, 60 Hz electrical current.
- 1 Each Static Bonding Cable Assembly (Model GC-500).
- 5 Each Conductive Ducting 8" x 15' (203mm x 4,6m) with built-in Stowage Device and J-Slot Quick Disconnect Ends (Model RA-8X).
- 1 Each Intake Air Filter Screen Adapter for Ventilator (Model AP-3).
- 1 Each Underwing Access Air Duct Adapter (Model AP-208).



Product Advantages

Reduces time required to ventilate Fuel Tanks and render safe for entry.	Capability to purge and Exhaust Fuel Vapors completely away from Aircraft Location.
Highly Portable, Sets up quick and easy.	Produces a safer Working Environment.
Operates with existing Power Supplies.	Entire System designed to dissipate and relax Static Electrical Charges.

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Required Power Supply	Ventilator Features
Electric AC Current 115 Volt, Single Phase, 60 Hz 20 Amp minimum fuse circuitry	1500 cfm air displacement (2549 m ³ /hr) Weight 100 lbs. (46 kg)

All system components connect together (No pre-assembly required).

Saves Labor Costs by reducing the time required to ventilate the tank.

Produces a safer working environment by exhausting Fuel Vapor completely away from the aircraft and work area.

Durable and reliable design. Continuous duty operation capability.

Available Storage Option

One each of Rhine Air's RAC-395 and RAC-373 reusable cases will store the complete System # 6.

RAC-395 case outside dimensions

Length 37.6" Width 33.4" Height 32"
(Length 94cm Width 85cm Height 81cm)

RAC-373 Case outside dimensions

Length 37.6" Width 25" Height 24"
(Length 94cm Width 64cm Height 61cm)

Each case Features

Removable Lid
Recessed Lifting Handles and Latches
Tough Rotationally Molded Polyethylene



Rhine Airs Fuel Tank Ventilator Systems

Product Advantages

1. **Decreases time required to Ventilate Fuel Tanks and render safe for personnel entry.**
2. **Designed specifically for Aircraft Tank Ventilation.**
3. **Capability to purge and exhaust Fuel Vapors completely away from Aircraft Location.**
4. **Saves Labor Costs.**
5. **Produces a safer working environment.**
6. **Operates with existing Power Supplies.**
7. **Lightweight and very Portable, Sets up Quick and Easy.**
8. **Can be used to force fresh air into tank or to exhaust vapors out of cell.**
9. **Entire System designed to dissipate and relax Static Electric Charges.**
10. **Available Accessories designed specifically for Aircraft Operations.**
11. **Low Noise Operating Level.**
12. **Ventilator does not have to be mounted to, or inside Fuel Tank.**
13. **No Daily Maintenance required.**
14. **Very User Friendly.**
15. **Air Duct can be connected to Ventilator Air Intake and Exhaust Ports.**
16. **Will Operate with Various Diameters of Air Duct.**
17. **Recommended and used by Major Aircraft Manufacturers and Maintenance Centers**