

CAN-50

Mobile Aircraft Fuel Tank Ventilating System

Description: A portable system designed to ventilate one or multiple Aircraft Fuel Tanks at once. All equipment stores within a rollable cart. Can be used at base locations or for mobility deployment operations. 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:

2 Each	Pneumatic Driven Ventilator with attached 25' (7,5m) Static Bonding Cable Assembly
8 Each	Conductive Ducting 8" x 20' (203mm x 6m) with built-in Stowage Device and J-Slot Quick Disconnect Ends.
2 Each	Inlet Compressed Air Hose Assembly 100 Ft. (30m) with attached Quick-Disconnect Fittings.
1 Each	Intake Air Filter Screen Adapter for Ventilator.
1 Each	Air Duct Reducer Adapter
4 Each	Conductive Ducting 4" x 15' (101mm x 4,6m) with J-Slot Quick Disconnect Ends
1 Each	Rollable Equipment Storage cart.



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Rhine Airs Mobile Aircraft Fuel Tank Ventilating System

Designed for fixed base or mobility/deployment operations.
Includes a more durable, effective ventilator design that is virtually maintenance free.
Lower cost when compared to other existing systems.
Portable, sets up quick and easy.
Durable equipment storage cart.
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.
Saves Labor Cost.
Produces a safe working environment.
Operates with existing Compressed Air Power Supplies.
Can be used to force air into tank or to exhaust fuel vapors out.
Entire System designed to dissipate and relax Static Electrical Charges.
Low Noise Operating Level.

Ventilating System and Storage Cart Overall Dimensions

Length 81" (205cm) Width 37" (96cm) Height 47" (120cm)

Storage Cart Features

Weather Resistant Compartments
Powder Coated Metal Finish
Steering Handle
Swivel and Rigid Caster Wheels
Manually activated Caster Foot Brakes
Stainless Steel Door Hinges
Zink Plated Hardware
Olive Drab Color

Required Power Supply for each Ventilator

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

Ventilator Performance

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

CAN-50 EQUIPMENT STORAGE WITHIN ROLLABLE CART



Storage of 8" (203mm) and 4" (101mm) diameter Ducting within Duct Storage compartment.
NOTE: Always stand up 8"(203mm) Diameter Duct with latched stowage device to provide enough space for storage of all ducts.



System Components that are designed to store within the lower Compartment on the Storage Cart

CAN-50 Mobile Aircraft Fuel Tank Ventilating System – Design Features



All System Components excluding the Ventilator Units are stored within the Cart. Ventilators are designed to store on top of the Cart Shelf. **NOTE: Ventilators attached Bumper Feet will fit into polarized Base Tray Mounts secured to the top of the Storage Cart Shelf.**



Photo showing how to manually engage and release the brake lever mounted on the storage cart swivel casters.

NOTE: Swivel Caster Foot Brakes are only designed to secure cart on flat level surfaces.