RAMFAN®

Wing Tank Vent Cart

EB7325-WT

Efficient and Adaptable Ventilation System for Aerospace Ground Crews

The RAMFAN Wing Tank Vent Cart (EB7325-WT) is designed for aerospace ground personnel performing Maintenance, Repair, and Overhaul (MRO) on various aircraft

The cart provides efficient and immediate setup of aircraft pre-flight ventilation and fuel tank maintenance

Key Features

Certified for Hazardous Environments	IECEx-certified components for use in explosive atmospheres
Adaptable Components for Ultimate Flexibility	Work with different tank configurations and maintenance tasks, including extracting toxic dust, fumes, aerosol and vapor contaminants, or as a mobile cabin air filtration or ventilation system
Minimizes Workspace Hazards	Includes power distribution box for all equipment power connections connections and minimal cabling, added safety features including automatic braking, adjustable mounting straps, and extra storage boxes
Ideal for Multiple Environments	Rugged design enables use in many environments, including General Aviation (GA), Commercial Airline Airport Hangars, and Military Bases. The cart is factory mounted, palletized, and ready for deployment worldwide

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Cart System Diagram

Powerful floodlight and 2 handheld inspection lights

AC power distribution box with 4 EX socket outlets

Duct wye splitter for single or simultaneous ventilation of both wings

RAMFAN EFi75xx explosion-proof ventilator designed for use in adverse environments

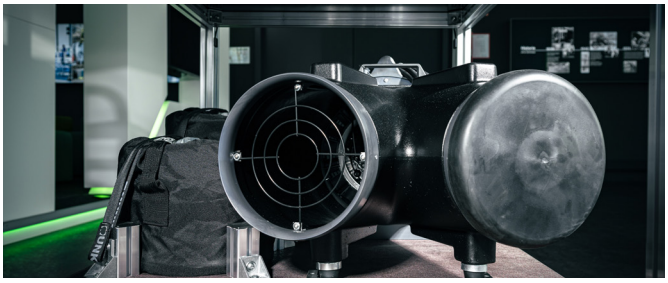
Storage boxes for included conductive ducting, couplers, and adapters

Integrated tie down straps for extra security

Automatic braking system prevents rolling when unattended

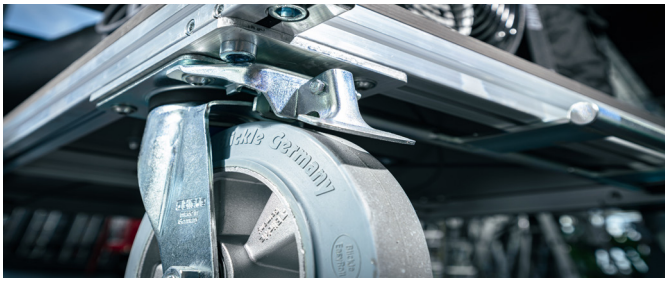
Whole-unit certification of the EFi75xx for use in hazardous locations and explosive atmospheres

Tough and Durable 12” x 8” x 8” Wye Duct Splitter for maximum airflow. Single wing capable



Single AC power source minimizes equipment, cables, and tripping hazards

Automatic locking brake system with rugged and rubberized 8” wheels



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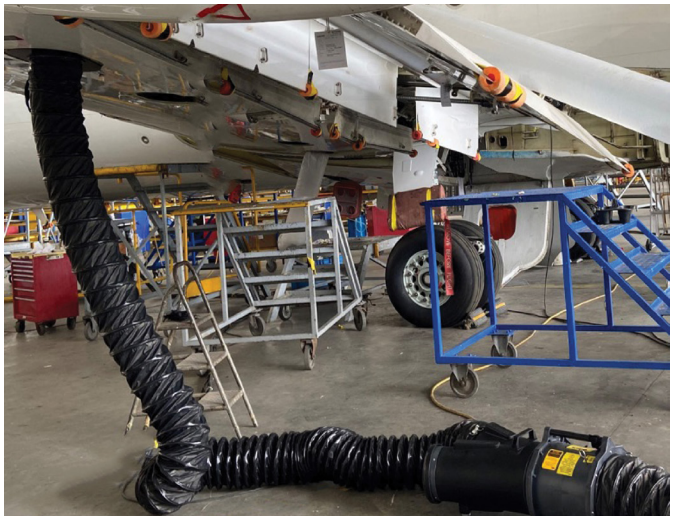
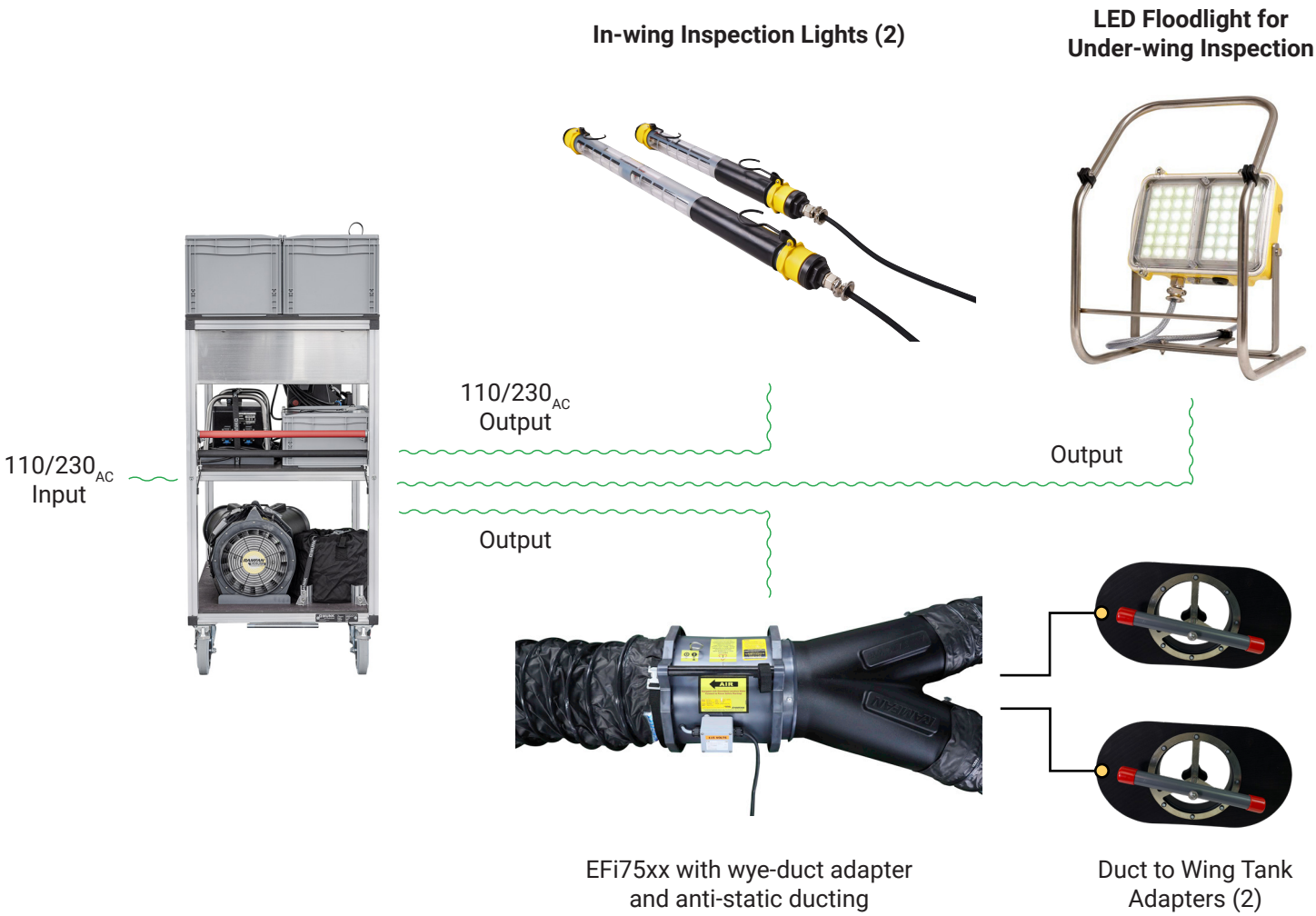
Engineered with IECEx-certified components for safe operation in hazardous environments and explosive atmospheres.

The RAMFAN Wing Tank Vent Cart (EB7325-WT) provides a highly efficient and adaptable solution for aerospace ground crews tackling Maintenance, Repair, and Overhaul (MRO) tasks. Designed for flexibility, the cart accommodates a range of tank configurations and tasks, from extracting toxic fumes and vapor contaminants.



AC Power Distribution Diagram



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Parts List

Description	Part #
Mobile Aircraft Fuel Tank Venting Cart	MK-999940
EFi75xx 12” Ventilator – 115 V_{AC} (ATEX / IECEx Certified)	EB7201XX
Duct Wye Splitter, 12” to dual 8” diameter	EF7400
Conductive Black Duct (8” / 20 cm diameter x 25’ / 7.6 m length), qty 4	FDT-0825CBB
Conductive Black Duct (12” / 30 cm diameter x 15’ / 4.6 m length)	FDT-1215CBB
Anti-static Disposable Duct (12” / 30 cm diameter x 100’ / 30 m length)	FDT-14DISPX
Duct Coupler, Stainless (12” / 30 cm diameter)	DC12
Duct Coupler, Plastic (8” / 20 cm diameter)	DC8P
Vent to Wing Tank Adapter, qty 2	EF7300
EFi75xx Mounting Kit	EB6100K
Zip-tie, 48” length x 0.5” width	EZT48
LED Floodlight (110 V_{AC}) for under-wing inspection	WF-300XLH/HOFR10/ATX110
Handheld Inspection Lights (110 V_{AC}) for in-wing inspection, qty 2	TY-300/18/HOFR10/ATX110
ATEX Splitter Box	LL260/110ATX/SY15/MOD

Technical Specifications

Net Weight	690lbs / 313kg
Dimensions	48”x32”x74” / 122x81x187cm
EFi75xx Fan Motor Output Power	0.75 hp
Motor Type	TEAO
Electric	115 / 230 VAC, 50 / 60 Hz, 1 (both voltages are available)
Power Distribution Box Amps (all outputs active)	115 / 16A 230 / 16A

Durability and safety are at the core of the Wing Tank Vent Cart’s design.

Features such as a power distribution box for organized connections, automatic braking for stability, and adjustable mounting straps enhance operational efficiency while minimizing workplace hazards. Built to withstand challenging environments and ready to deploy. Fully factory-mounted and palletized, it is a dependable and reliable solution that meets the demands of modern aviation maintenance and repair.

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