

# EB7500WT

## Aircraft Ventilation Kit

### RAMFAN Aircraft Fuel Tank Ventilation Kit (EB7500WT)

is designed for aircraft pre-flight ventilation and fuel tank maintenance works. It provides adequate airflow for the aerospace ground personnel performing Maintenance, Repair, and Overhaul (MRO) works on aircraft extracting toxic dust, fumes, aerosol and vapor contaminants in the aircraft out into designated exhaust zones at the hangar keeping the aircraft and the facility safe and hazard free. It is also used as a cabin air filtration system keeping the ambient free from airborne contaminants and maintaining a healthy environment for all technical-flight crew and passengers during pre-flights and while carrying out maintenance works on aircraft.

RAMFAN EB7500WT ventilation kits are commonly found in the General Aviation (GA), Commercial Airline Airport Hangars, and Military Air Bases worldwide.



Model	EFi75xx-Av (115V)	EFi75xx-Av (230V)
Part #	EB7201XX	EB7201XX-230
IMPA Codes	591506, 591418, 591423	591506, 591419, 591424
Motor	0.75 Hp	0.56 kW
Motor Type	Totally Encapsulated Air Flame Proof	
Electric	115/230V, 50/60Hz, 1ø	
Amps (Start/Run)	37A /8.8A	27A /4.4A
Cable Lengths	25'/7.6 m, 14AWG/2.5mm <sup>2</sup>	
Plug Types	A.T.X. 100/130V	A.T.X. 240V
Operating Temperature	-22°F to +104°F	-30°C to +40°C
Noise	89 dB @ 3' (1 m)	
Run Time	Continuous	
Weight	44 lbs	20 kg
Dimensions (h/w/d)	16 x 15 x 16 in	41 x 38 x 41 cm
Duct Adapters	2	

Airflow	EFi75xx-Av
Free Air	2,500 cfm (4,250 m <sup>3</sup> /hr)
Through Duct	
15'/4.6 m w/ one 90° turn:	1,664 cfm (2,829 m <sup>3</sup> /hr)
15'/4.6 m w/ two 90° turns:	1,529 cfm (2,599 m <sup>3</sup> /hr)

### «Certifications & Approvals

**EFi75xx-Av Certification String** II 2 G Ex db eb IIB T6 Gb CE IECEx UL Certificate #: **13.0062X**

INMETRO Certificate #: **UL-BR 13.0593X**

CE Hazardous Location Marking: **CE0539**

Ingress Protection: **IP55**

Motor Part Number: **EM-F.75-60-XPEX**

Order Kit # EB7500WT			
Item	Qty	Description	Part #
A	1	Efi75xx Hazardous Location Blower/Exhauster 115V	EB7201XX
		Efi75xx Hazardous Location Blower/Exhauster 230V	EB7201XX-230
B	4	8" (20cm) dia. Duct, 15' (4.6m) length. With storage bag.	FDT-0815CBB
C	1	12" (30cm) dia. Duct, 25' (7.6m) length. With storage bag.	FDT-1225CBB
D	2	Fuel Tank Adapter	EF7300
E	1	Wye Duct Splitter	EF7400
F	4	Duct Coupler Anti-Static PC/Nylon	DC8P
G	1	Duct Coupler/ Stainless HD 12" (300m)	DC12



## Assembly Diagram

