

# AIRCRAFT FUEL TANK VENTILATION KIT

**Description:** The Aircraft Fuel Tank Ventilation Kit is designed for ventilation of aircraft in service to ensure that the maintenance of the aircraft fuel tank (or aircraft fuel cell) is adequate and guarantee that no toxic or flammable vapors can **contaminate** the hangar/ work area. The explosion-proof **Aircraft Fuel Tank Ventilation Kit RAMFAN** complies with airline regulations.

| Item | Qty | Description                                                | Order # (each) |
|------|-----|------------------------------------------------------------|----------------|
| 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/ ABS blend                     | DCEX8          |
| G    | 1   | Duct Coupler/ Stainless HD 12" (300mm)                     | DC12           |
| H    | 1   | Disposable layflat polyethylene duct (4/mil)               | FDT-12DISP     |

| Model                 | EFi75xx (115V)                       | EFi75xx (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                                    |                        |



A



B



C



D



E



F



G



H

| Airflow                                                                   | EFi75xx                                            |
|---------------------------------------------------------------------------|----------------------------------------------------|
| Free Air                                                                  | 2,500 cfm (4,250 m³/hr)                            |
| Through Duct<br>15'/4.6 m w/ one 90° turn:<br>15'/4.6 m w/ two 90° turns: | 1,664 cfm (2,829 m³/hr)<br>1,529 cfm (2,599 m³/hr) |

### «Certifications & Approvals

**EFi75xx 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**



### Assembly Diagram

