

RAMFAN EFi75xx

12"/30cm Blower/Exhauster

Industrial Ventilation Systems | Hazardous Locations



Product Overview

The electric powered EFi75xx hazardous location blower/exhauster, with whole-unit certification, is intended for use in Adverse Atmospheres in accordance with the limitations of the rating. The whole-unit certification not only provides protection and peace of mind to the user; it also prevents suppliers from being linked to the chain of liability. That is why it is crucial for users and suppliers to demand whole-unit certification. Having only a certified motor is a half-measure towards safety that puts workers and suppliers at risk.

Specifications

| Model                 | EFi75xx (115V)                       | EFi75xx (230V)         |
|-----------------------|--------------------------------------|------------------------|
| Part #                | EB7201XX                             | EB7201XX-230           |
| IMPA Codes            | 591506, 591418, 591423               | 591506, 591419, 591424 |
| Motor                 | 0.75 Hp                              |                        |
| Motor Type            | Totally Encapsulated Air Flame Proof |                        |
| Electric              | 115/230V, 50/60Hz, 1ø                |                        |
| Amps (Start/Run)      | 37A /8.8A                            | 27A /4.4A              |
| Cable                 | 14AWG/2.5mm <sup>2</sup>             |                        |
| Plug Types            | A.T.X. 100/130V                      | A.T.X. 240V            |
| Operating Temperature | -4°F to +104°F / -20°C to +40°C      |                        |
| Noise                 | 89 dB @ 3' (1 m)                     |                        |
| Weight                | 44 lbs/20 kg                         |                        |
| Dimensions (h/w/d)    | 16 x 15 x 16 in / 41 x 38 x 41 cm    |                        |
| Impeller              | 17-blade                             |                        |

Certifications & Approvals

Certification String: II 2 G Ex db eb IIB T6 Gb  
II 2 G Ex h IIB T6 Gb  
Zone 1, 2  
T6, non-mining gases up to 85°C

IECEx UL Certificate #: 13.0062X   
EC-Type Examination Certificate #: DEMKO 09 ATEX 0926969X

CE Hazardous Location Marking:

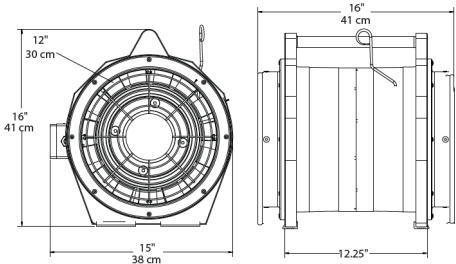
Design of fans working in potentially explosive atmospheres: EN 14986

Ingress Protection: IP55

INMETRO Certificate #: UL-BR 13.0593X

UKEX Certificate #: UL23UKEX2861X

ZONE 1



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### Performance

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

### Available Accessories

#### Duct Adapter/Reducer

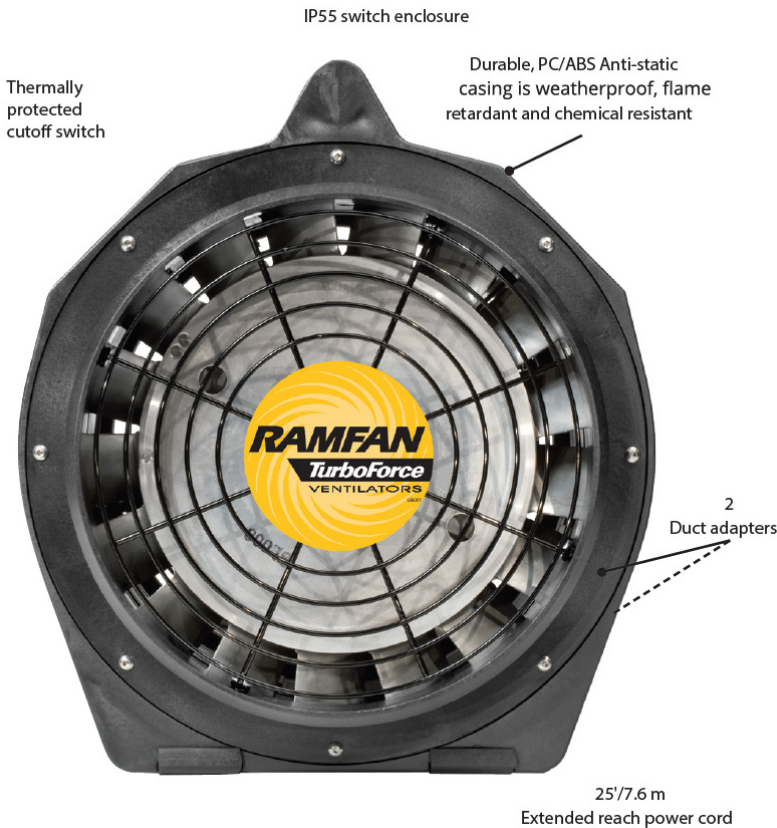
Order # EC0301 12" (30 cm) - 8" (20cm) diameter Duct Adapter/Reducer for the 30cm EFi75xx



#### ECKO Flex™ Anti-Static Duct with carrying bag

Order # FDT-1215CBB - 12" (30cm) anti-static duct 15' (4.6 m), w/ carrying bag

Order # FDT-1225CBB - 12" (30cm) anti-static duct 25' (7.6 m), w/ carrying bag



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