

EU-TYPE EXAMINATION CERTIFICATE



Equipment or Protective System intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

EU-Type Examination Certificate Number: **DEMKO 09 ATEX 0926969X Rev. 5**

Product: **Blower Motors, Fans**

Manufacturer: **Euramco Safety Inc.**

Address: **2746 Via Orange Way, Spring Valley, CA 91978 USA**

This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

UL International Demko A/S, notified body number 0539 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report no. **US/UL/ExTR13.0063/05.**

Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018

**EN 60079-1:2014
EN14986: 2017**

EN 60079-7:2015 +A1:2018

If the sign "X" is placed after the certificate number, it indicates that the product is subject to special conditions for safe use specified in the schedule to this certificate.

This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by the certificate.

The marking of the product shall include the following:

II 2 G **Ex db eb IIB T6 Gb**
 II 2 G **Ex h IIB T6 Gb**

Certification Manager
Jan-Erik Storgaard

This is to certify that the sample(s) of the Product described herein ("Certified Product") has been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the ATEX Product Certification Program Requirements. This certificate and test results obtained apply only to the product sample(s) submitted by the Manufacturer. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured product. UL has not established Follow-Up Service or other surveillance of the product. The Manufacturer is solely and fully responsible for conformity of all product to all applicable Standards, specifications, requirements or Directives. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

Date of issue: 2015-09-02

Re-issued: 2021-09-20

Notified Body

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Schedule

EU-TYPE EXAMINATION CERTIFICATE No.

DEMKO 09 ATEX 0926969X Rev. 5

[15] Description of Product:

The fans are intended to be used for ventilation purposes and are constructed of an ATEX Ex db IIB motor, a plastic cover, and an ATEX Ex db eb IIC junction box (including cable glands).

Models UB20xx, EFi75xx, EFi120xx and EFi150xx are similar in construction. All models consist of an ATEX Ex db IIB motor, a plastic cover and an ATEX Ex db eb IIC junction box (including cable glands). The Model UB20xx uses separately certified increased safety cable glands rather than the ones that come with the outlet box.

Optional power plug may be provided.

Model Number	Part Number Series
UB20xx	EF7002 EF8002
EFi75xx	EB7201XX EB7201XX-230
EFi120xx	EA8120XX EA8120XX-110
EFi150xx	EG8200XX EG8200XX-230

Temperature range

The relation between ambient temperature and the assigned temperature class is as follows:

Ambient temperature range	Temperature class
-20° C to + 40 °C	T6

Electrical data

Model	Electrical Rating
UB20xx	115 / 230 VAC, 2.3 / 1.2 A, 50 / 60 Hz
EFi75xx	115 / 230 VAC, 8.8 / 4.4 A, 50 / 60 Hz
EFi120xx	110 / 240 VAC, 10.8 / 5.5 A, 50 Hz
EFi150xx	115 / 230 VAC, 15 / 8.1 A, 50 / 60 Hz

Installation instructions

For ambient temperatures below –10 °C use field wiring suitable for the minimum ambient temperature.

Routine tests

Routine tests are not required, as the enclosures have been tested successfully at each supplier's manufacturing facility.

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Descriptive Documents

The scheduled drawings are listed in the report no. provided under item no. [8] on page 1 of this EU-Type Examination Certificate.

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Specific conditions of use:

- This special condition of safe use refers to the fact that the Hazardous Location Fans referenced herein may be purchased with or without an AC power plug termination for the power cable.
- If fans are purchased with unterminated power cables, (flying leads), then it becomes the responsibility, of the end user to select a compliant power plug in accordance with standard, EN 60079-14 and to install the plug in accordance with the plug manufacturer's instructions. Color code for flying lead power cables is brown "hot", blue "neutral", & yellow/green "ground" for plug connections.
- If fans are purchased with power plug termination for the power cable, manufacturer's instructions for plug & coupler/socket type matching & installations must be followed.
- The flame proof joints are not intended to be repaired.

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Essential Health and Safety Requirements

The Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9.

Additional information

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in Annex III to Directive 2014/34/EU of the European Parliament and the Council of 26 February 2014.

