



the standard in safety

Underwriters
Laboratories

EURAMCO SAFETY INC
2746 VIA ORANGE WAY
SPRING VALLEY , CA 91978
USA

Ref: 09CA26969

Contact Person Mr. Jack Simmons	Examiner Ulla Jakobsen	Our reference 148761-01	Direct phone +45 44856327	Date 2009-10-02
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Dear Mr.

Your order executed by **UL International Demko A/S**

UL International Demko A/S has the pleasure of enclosing Hard-Copy of EC-Type Examination Certificate. No. DEMKO 09 ATEX 0926969.

Your attention is also drawn to UL International Demko A/S Standard Terms and Conditions. Should you have any questions regarding the above, please contact UL International Demko A/S.

UL International Demko A/S is at your disposal should you require additional information about our services, such as information on the LVD, EMC, Machinery Directives, ISO Certification, export certification or seminars tailored to meet the needs of your company.

We would like to take the opportunity to thank you for the co-operation and hope you will make use of our services in the future.

Yours sincerely,

Ulla Jakobsen
Certification Project Handler

[1]

EC-TYPE EXAMINATION CERTIFICATE



[2]

**Equipment or Protective System intended for use
in Potentially Explosive Atmospheres
Directive 94/9/EC**

[3]

EC-Type Examination Certificate Number: **DEMKO 09 ATEX 0926969**

[4]

Equipment or Protective System: **Portable Fan, model numbers as indicated in the schedule**

[5]

Manufacturer: **Euramco Safety Inc.**

[6]

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

[7]

This equipment or protective system and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

[8]

UL International Demko A/S, notified body number 0539 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems 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. **09CA26969**

[9]

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

EN 60079-0:2006

EN 60079-1:2004

EN 60079-7:2007

[10]

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

[11]

This EC-Type examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system.

These are not covered by the certificate.

[12]

The marking of the equipment or protective system shall include the following:

 **II 2 G Ex d e IIB T6**

Certification Manager

Jan-Erik Storgaard

Notified Body

This certificate may only be reproduced in its entirety and without any change, schedule included

Date of issue: 2009-10-01

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Schedule
EC-TYPE EXAMINATION CERTIFICATE No.
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[15]

Description of Equipment or protective system

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

Models UB20xx, EFi75xx, EFi85xx, EFi120xx and EFi150xx are similar in construction. All models consist of an ATEX Ex d IIB Motor, a plastic cover, an ATEX Ex d e IIC junction box (including cable glands), and an ATEX Ex d e IIC plug. The Model UB20xx uses separately certified increased safety cable glands rather than the ones that come with the outlet box.

<u>Model Number</u>	<u>Part Number Series</u>
UB20xx	EF7002 EF8002
EFi85xx	EB8201XX
EFi75xx	EB8201XX-110 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:

<u>Ambient temperature range</u>	<u>Temperature class</u>
-20°C to + 40 °C	T6

Electrical data

<u>Model</u>	<u>Electrical Rating</u>
UB20xx	115 / 230 VAC, 2.3 / 1.2 A, 50 / 60 Hz
EFi85xx	110 / 240 VAC, 7.2 / 3 A, 50 Hz
EFi75xx	115 / 230 VAC, 7.2 / 3 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.

Mounting instructions

Refer to "Instructions".

Routine tests

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

[16]

Report No.

Project Report No.: 09CA26969 (Hazardous Location Testing)

Documents:

<u>Description:</u>	<u>Drawing No.:</u>	<u>Rev. Level:</u>
EF7002/EF8002 UB20XX Assembly (2 Sheets)	EF7002_8002 ASM	H
EF7002 Marking	LB1020XX	A
EF8002 Marking	LB1035XX	B
EFi85-75_Series_Assembly	EB8201XX	K
EFi85XX CE Marking	LB10085XXCE	A
EFi85XX Electrical Markings	LB1585XX	A
EB7201_EFi75_assembly and EB7201XX_EFi75XX (2 Sheets)	EB7201XX / EB7201	E
EFi75XX CE Marking	LB1575XXCE	A
EFi75XX Electrical Markings	LB1575X	A

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Schedule
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Description:	Drawing No.:	Rev. Level:
EA8120XX – EFi120XX Assembly (2 Sheets)	EA8120XX	F
EFi120XX CE Marking	LB10120XXCE	A
EFi120XX Electrical Marking	LB15120XX	A
EFi150XX – Assembly (2 Sheets)	EG8200XX	C
EFi150XX CE Marking	LB5006	A
EFi150XX Electrical Marking	LB5002	A
Installation Instructions	SM-EFATEX	B

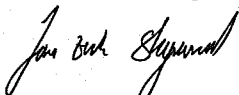
[17] Special conditions for safe use:
• None

[18] Essential Health and Safety Requirements
Concerning ESR this Schedule verifies compliance with the ATEX directive only. The manufacturer's Declaration of Conformity declares compliance with other relevant Directives.

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in ANNEX III to Directive 94/9/EC of the European Parliament and the Council of 23 March 1994.

Certification Manager

Jan-Erik Storgaard



Notified Body

Date of issue: 2009-10-01

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