

# EC-TYPE EXAMINATION CERTIFICATE



[1]

[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 0926969X Rev. 1**

[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. **4786973337**

[9]

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

**EN 60079-0:2012 + A11:2013    EN 60079-1:2007    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.

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

II 2 G    Ex d e IIB T6 Gb

### Certification Manager

Jan-Erik Storgaard

Notified Body

This is to certify that the sample(s) of the Equipment described herein ("Certified Equipment") has been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the ATEX Equipment Certification Program Requirements. This certificate and test results obtained apply only to the equipment 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 equipment. UL has not established Follow-up Service or other surveillance of the equipment. The Manufacturer is solely and fully responsible for conformity of all equipment 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.

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**Schedule**  
**EC-TYPE EXAMINATION CERTIFICATE No.**  
**DEMKO 09 ATEX 0926969X Rev. 1**  
**Report: 4786973337**

[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).

Models UB20xx, EF175xx, EF120xx and EF150xx are similar in construction. All models consist of an ATEX Ex d IIB Motor, a plastic cover and an ATEX Ex d e 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.

<u>Model Number</u>	<u>Part Number Series</u>
UB20xx	EF7002 EF8002
EF175xx	EB7201XX EB7201XX-230
EF120xx	EA8120XX EA8120XX-110
EF150xx	EG8200XX EG8200XX-230

Temperature range

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

**Ambient temperature range**  
-20°C to + 40 °C

**Temperature class**  
T6

Electrical data

<u>Model</u>	<u>Electrical Rating</u>
UB20xx	115 / 230 VAC, 2.3 / 1.2 A, 50 / 60 Hz
EF175xx	115 / 230 VAC, 7.2 / 3 A, 50 / 60 Hz
EF120xx	110 / 240 VAC, 10.8 / 5.5 A, 50 Hz
EF150xx	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]

Descriptive Documents

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

[17]

Specific conditions of use:

The equipment is provided with supply connection flying leads to be connected on the field. The connection of the flying leads must be done following installation instructions provided on installation standards such as IEC/EN 60079-14 and the manufacturer's recommendation.

[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.

Additional Information

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.

