[1] # TYPE EXAMINATION CERTIFICATE

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

[3] Type Examination Certificate Number: **UL 22 ATEX 2871X Rev. 0**

[4] Product: **Cabinet Cooler**

[5] Manufacturer: **EXAIR Corp.**

[6] Address: **11510 Goldcoast Drive, Cincinnati, OH 45249 USA**

[7] This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] UL International Demko A/S certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014.

The examination and test results are recorded in confidential report no. **4790410718.1.1.**

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

EN ISO 80079-36:2016 **EN ISO 80079-37:2016**

except in respect of those requirements listed at item 18 of the Schedule.

[10] If the sign "**X**" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

[11] This Type examination certificate relates only to the design of the specified product, and not to specific items of product subsequently manufactured.

[12] The marking of the product shall include the following:

II 3 G Ex h IIC T3 Gc

II 3 D Ex h IIIC T200°C Dc

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: 2022-12-28

Certification Body UL International Demko A/S, Borupvang 5A, 2750 Ballerup, Denmark
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[13] [14]

Schedule
TYPE EXAMINATION CERTIFICATE No.
UL 22 ATEX 2871X Rev. 0

[15] Description of Product:
The cabinet coolers serve as an accessory to a purged and pressurized enclosure. The coolers are intended to be mounted through an opening in an enclosure. They incorporate a vortex tube to produce cold air from pressurized air with no moving or electrical parts.

Nomenclature:

I.	II.	III.	IV.	V.	VI.
Air Inlet threads	ATEX	Kit	Air consumption at 100 PSIG	Material Suffix	SS type

I. Null – NPT
BP – British Pipe Inlet Threads

II. ATEX

III. 46 – Cabinet Cooler only

IV. 10 - 10 SCFM
15 – 15 SCFM
25 – 25 SCFM
35 – 35 SCFM
30 – 30 SCFM
40 – 40 SCFM

V. Null – Aluminum
SS – Stainless Steel

VI. Null – 303 Stainless Steel
316 – 316 Stainless Steel

Temperature range:
The ambient temperature range is -20 °C to 40 °C

Routine tests:
None

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

[17] Special Conditions of Use:

- The service temperature of the panel should be considered without the cooler in operation.
- Applicable Clauses from EN 60079-2 should be considered in the end use panel. With special attention to Clauses 5.1 and 7.11.
- The cabinet coolers are only for use with a purged and pressurized panel.

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