



QPS Evaluation Services Inc
Testing, Certification and Field Evaluation Body
Accredited in Canada, the USA, and Internationally

Certificate Number QPS 22ATEX5000X

EU Type Examination Certificate

- (1) **Equipment intended for use in potentially explosive atmospheres - Directive 2014/34/EU**
- (2) EU Type Examination Certificate Number: **QPS 22ATEX5000X** Issue Number: **00**
- (3) Product: **Air Conditioner**
- (4) Manufacturer: **Ice Qube, Inc.**
- (5) Address: **141 Wilson Ave. Greensburg, PA, 15601, USA**
- (6) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (7) QPS Inc. 81 Kelfield St., Units 7-9, Toronto, ON M9W 5A3, Canada, Notified Body Number 2900, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential test report no. ATX1682-1
- (8) Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:

Standard	Edition
EN IEC 60079-0	2018
EN 60079-1	2014
EN 60079- 7	2015
EN 60079-11	2012

- (9) If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to conditions of safe use.
- (10) This EU Type Examination certificate only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Article 13 apply to the manufacture of the equipment or component and are separately certified.
- (11) The marking of the product shall include the following:



II 2G Ex db eb ib IIB+H2 T4 Gb

Ta= -40°C to +60°C



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(12) **SCHEDULE**

(13) **to EU Type Examination Certificate No.: QPS 22 ATEX 5000X**

Issue No. **0**

(14) **Description**

Air conditioner models IQ...EX Series is intended to be mounted to an adjacent the electrical equipment enclosure. The evaporator compartment freely communicates with the adjacent the electrical equipment enclosure blowing the conditioned air. The condenser compartment is open to the surrounding atmosphere.

(15) **Electrical data**

Unit Model	Voltage	Frequency	Amperage	Refrigerant Type	Charge Quantity	T-Code
IQ4000EX	220	50/60 Hz	7.44	407C	18oz	T4
	230		8.80			
	240		7.35/8.64			
IQ5000EX	220	50/60 Hz	7.74	407C	22oz	T4
	230		9.53			
	240		7.59/9.40			
IQ6000EX	220	50/60 Hz	8.69	407C	28oz	T4
	230		10.47			
	240		8.57/10.31			
IQ8000EX	220	50/60 Hz	10.69	407C	60oz	T4
	230		11.33			
	240		10.59/11.19			
IQ10000EX	220	50/60 Hz	10.89	407C	64oz	T4
	230		11.64			
	240		10.78/11.48			
IQ12000EX	220	50/60 Hz	11.20	407C	74oz	T4
	230		12.07			
	240		11.09/11.89			

(16) **Installation instructions**

Document No.	Sheets	Rev	Date	Title
QD-ENG-74	25	2	April 22, 2020	EX Series Air Conditioners Zone 1 ATEX and IECEx Hazardous Locations OPERATION AND INSTALLATION MANUAL

(17) **Report Number**

ATX1682-1

(18) **Specific conditions of use**

1. Equipment to be serviced by qualified personnel.
2. Disconnect electrical power before service
3. Potential electrostatic charging Hazard See Manual.



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(19) Essential Health and Safety Requirements

Covered by the standards listed at item (8).

(20) Test documentation

As listed in Report No. ATX1682-1

(21) Certificate history

Issue 0 - initial certificate

(22)

The following documents describe the equipment or component defined in this certificate:
 Issue #. 0

Drawing No	Sheets	Rev	Date	Title
IQ351727	1	J	Jan 24, 2022	ZONE 1 PRODUCT ID LABEL
IQ351725	1	B	Dec. 12, 2021	IQ4-5-6000EX CONSTRUCTION OVERVIEW
IQ351726	1	B	Dec. 12, 2021	IQ8-10-12000EX CONSTRUCTION OVERVIEW
IQ351728	1	A	Nov. 15, 2017	IQ4-5-6-8-10-12000EX CONTROL STATION LAYOUT
IQ351805	1	H	Jan 20, 2022	IQ4-5-6000EX BOM
IQ351806	1	H	Jan 20, 2022	IQ8-10-12000EX BOM
SB3849-1	1	2	Nov. 05, 2021	XCEX 060804 For Ice Qube
IQ352964	1	A	Dec. 06, 2021	Flame proof Enclosure Layout

Issued By: Rob Kohuch

Signature:

Date: January 31, 2022