




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

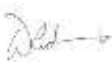
Certificate Number
 QPS 19ATEX0001X

CERTIFICATE OF COMPLIANCE
ATEX Essential Health & Safety Requirements

Issued to	Ice Qube, Inc.
Address	141 Wilson Ave. Greensburg, PA, 15601, USA
Project Number	ATX35450-4
Product	Zone 2 Heat Exchanger for computer and electronics equipment enclosure
Model Number	IQ675HE-Z2, IQ700HE-Z2, IQ800HE-Z2, IQ900HE-Z2, IQ2200HE-Z2, IQ6100HE-Z2, IQ7400HE-Z2 and IQ10000HE-Z2
Markings	 II 3G Ex ec IIC T6/T5/T4 Gc Ta= -40°C to +80°C (See Annex #1 for detail)
Ratings	24 Vdc or 48 Vdc 120 Vac 50/60 Hz , 230 Vac 50/60Hz, see Annex #1 for detail.
Applicable Standards	For ATEX Directive 2014/34/EU Annex II and: EN 60079-0:2018 EN 60079-7:2015
Factory/Manufacturing Location	Ice Qube, Inc. 141 Wilson Ave. Greensburg, PA, 15601, USA
Specific Conditions of Use	Read the "Heat Exchanger Operation and Installation"

QPS Evaluation Services Inc., Unit #8, 81 Kelfield Street, Toronto, Ontario M9W 5A3, Canada, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of the equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

Issued By: Dave Adams

Signature: 

Date: April 26, 2019



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Annex #1 Electrical and T code Rating for Zone 2 Heat Exchanger

Model	Input Voltage	Current (A)	FREQUENCY	Ambient Temperature (T _{amb} = -40°C to				
				+60°C	+65°C	+70°C	+75°C	+80°C
				T Code				
IQ675HE-Z2	24 VDC	1.86	N/A	T6	T5	T5	*	*
	48 VDC	0.94						
IQ700HE-Z2	24 VDC	0.7	N/A	T6	T5	T5	*	*
	48 VDC	0.25						
	120 VAC	0.24	50/60 Hz				T4	T4
	230 VAC	0.13						
IQ800HE-Z2	24 VDC	2.94	N/A	T6	T5	T5	*	*
	48 VDC	1.48						
IQ900HE-Z2	24 VDC	0.66	N/A	T6	T5	T5	*	*
	48 VDC	0.42						
	120 VAC	1.00	50/60 Hz				T4	T4
	230 VAC	0.50						
IQ2200HE-Z2	24 VDC	4.22	N/A	T6	T5	T5	T5	*
	48 VDC	2.08						
	120 VAC	2.80	50/60 Hz			T5	T4	T4
	230 VAC	0.96						
IQ6100HE-Z2	24 VDC	8.82	N/A	T6	T5	*	*	*
	48 VDC	5.42						
	120 VAC	3.70	50/60 Hz		*	*	*	*
	230 VAC	1.80						
IQ7400HE-Z2	24 VDC	8.82	N/A	T6	T5	*	*	*
	48 VDC	5.42						
	120 VAC	3.70	50/60 Hz		*	*	*	*
	230 VAC	1.80						
IQ10000HE-Z2	24 VDC	10.82	N/A	T6	T5	*	*	*
	48 VDC	5.45						
	120 VAC	5.02	50/60 Hz		*	*	*	*
	230 VAC	1.52						

* Corresponding models are not suitable at this ambient.