



PRODUCT PERFORMANCE RATING

Document ID 121120200255-16122744

Issued on 11 December 2020

This product is certified by Eurovent Certita Certification as mentioned on

Certificate N° 20.11.018

This document is valid at the date of issue - **Check the current validity on www.eurovent-certification.com**

Product	Liquid Chilling Packages and Heat Pumps / Groupe de production d'eau glacée et pompes à chaleur (LCP-HP)
Product type	Liquid chilling package/ air-cooled/ packaged/ reversible
Brand	KANIONco
Range	A Series Air Source Heat Pump
Product référence	ECOSPAR-M12kW-1N

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location
KANION RECORRD	KANION GROUP CO LIMITED	20201211	Macedonia

FEATURE	VALUE	UNIT
ACOUSTICS		
LwO	65.00	dB(A)



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FEATURE	VALUE	UNIT
A35/W12-7		
Pc	11.50	kW
Pec	4.18	kW
EER	2.75	
Apc Indoor	63.59	kPa

FEATURE	VALUE	UNIT
A7/W40-45		
Ph	12.30	kW
Peh	3.32	kW
COP	3.70	
Aph Indoor	63.59	kPa

FEATURE	VALUE	UNIT
SEER		
SEER	4.89	
η_{sc}	192.60	



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FEATURE	VALUE	UNIT
A35/W23-18		
Pc	12.00	kW
Pec	3.04	kW
EER	3.95	
Apc Indoor	60.50	kPa

FEATURE	VALUE	UNIT
A7/W30-35		
Ph	12.10	kW
Peh	2.44	kW
COP	4.95	
Aph Indoor	59.89	kPa

FEATURE	VALUE	UNIT
A7/W47-55		
Ph	11.90	kW
Peh	3.90	kW
COP	3.05	
Aph Indoor	83.68	kPa



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FEATURE	VALUE	UNIT
LRCONTMINH		
Nb Tamont Froid	1	
Nb Taval Froid	1	
Nb Tamont Chauffage	1	
Nb Taval Chauffage	1	

FEATURE	VALUE	UNIT
PSBC		
Psbc	14.00	W

FEATURE	VALUE	UNIT
PSBH		
Psbh	14.00	W

FEATURE	VALUE	UNIT
POFFC		
Poffc	14.00	W



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FEATURE	VALUE	UNIT
PTOC		
Ptoc	10.00	W

FEATURE	VALUE	UNIT
PTOH		
Ptoh	24.00	W

FEATURE	VALUE	UNIT
PCKH		
Pckh	0.00	W

FEATURE	VALUE	UNIT
EFFICIENCY AVERAGE W35		
Pdesignh Average W35	12.00	kW
SCOP Average W35	4.81	
ηs Average W35	189.00	



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FEATURE	VALUE	UNIT
SOUND AVERAGE W35		
LwO Average W35	65.00	dB(A)

FEATURE	VALUE	UNIT
EFFICIENCY AVERAGE W55		
Pdesignh Average W55	11.60	kW
SCOP Average W55	3.45	
η_s Average W55	135.00	

FEATURE	VALUE	UNIT
SOUND AVERAGE W55		
LwO Average W55	65.00	dB(A)



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FEATURE	VALUE	UNIT
GENERAL		
Type of Water Regulation	FW/VO	
Refrigerant	R32	
Main Power Supply	230-1-50	
Control of pump speed	fixed	
Main Intended Market	EU	
Outdoor Heat Exchanger Type	finned tube	
Outdoor Heat Exchanger Dimensions	1120×60×798	
Indoor Heat Exchanger Type	Plate	
Indoor Heat Exchanger Dimension(WxLxH)	109×121×333	
Expansion Device Type	electronic	

FEATURE	VALUE	UNIT
COMPRESSOR_DETAILS		
Compressor motor type	DC inverter	
Compressor Type	Twin Rotary	
Inverter_type	DC Inverter	
Number	1	