



# PRODUCT PERFORMANCE RATING

Document ID 121120200252-16124168

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](http://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/ split/ reversible
Brand	KANIONco
Range	A Series Air Source Heat Pump
Product référence	ECOSPAR-S14kW-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
<b>ACOUSTICS</b>		
LwO	65.00	dB(A)



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FEATURE	VALUE	UNIT
<b>A35/W12-7</b>		
Pc	12.70	kW
Pec	4.98	kW
EER	2.55	
Apc Indoor	60.12	kPa

FEATURE	VALUE	UNIT
<b>A7/W40-45</b>		
Ph	14.20	kW
Peh	3.89	kW
COP	3.65	
Aph Indoor	51.64	kPa

FEATURE	VALUE	UNIT
<b>SEER</b>		
SEER	4.86	
$\eta_{sc}$	191.40	



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FEATURE	VALUE	UNIT
<b>A35/W23-18</b>		
Pc	13.50	kW
Pec	3.75	kW
EER	3.60	
Apc Indoor	55.62	kPa

FEATURE	VALUE	UNIT
<b>A7/W30-35</b>		
Ph	14.50	kW
Peh	3.09	kW
COP	4.70	
Aph Indoor	49.95	kPa

FEATURE	VALUE	UNIT
<b>A7/W47-55</b>		
Ph	13.80	kW
Peh	4.60	kW
COP	3.00	
Aph Indoor	77.17	kPa



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FEATURE	VALUE	UNIT
<b>LRCONTMINH</b>		
Nb Tamont Froid	1	
Nb Taval Froid	1	
Nb Tamont Chauffage	1	
Nb Taval Chauffage	1	

FEATURE	VALUE	UNIT
<b>PSBC</b>		
Psbc	14.00	W

FEATURE	VALUE	UNIT
<b>PSBH</b>		
Psbh	14.00	W

FEATURE	VALUE	UNIT
<b>POFFC</b>		
Poffc	14.00	W



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FEATURE	VALUE	UNIT
<b>PTOC</b>		
Ptoc	10.00	W

FEATURE	VALUE	UNIT
<b>PTOH</b>		
Ptoh	24.00	W

FEATURE	VALUE	UNIT
<b>PCKH</b>		
Pckh	0.00	W

FEATURE	VALUE	UNIT
<b>EFFICIENCY AVERAGE W35</b>		
Pdesignh Average W35	13.70	kW
SCOP Average W35	4.72	
ηs Average W35	186.00	



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FEATURE	VALUE	UNIT
<b>SOUND AVERAGE W35</b>		
LwO Average W35	65.00	dB(A)

FEATURE	VALUE	UNIT
<b>EFFICIENCY AVERAGE W55</b>		
Pdesignh Average W55	12.10	kW
SCOP Average W55	3.47	
$\eta_s$ Average W55	136.00	

FEATURE	VALUE	UNIT
<b>SOUND AVERAGE W55</b>		
LwO Average W55	65.00	dB(A)



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

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