



PRODUCT PERFORMANCE RATING

Document ID 042520201626-12243612

Issued on 25 April 2020

This product is certified by Eurovent Certita Certification as mentioned on

Certificate N° 05.01.199

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

Product	Air Conditioners / Climatiseurs (AC)
Product type	Comfort air conditioner below 12 kW/ air-cooled/ split/ reversible
Brand	HITACHI
Range	HITACHI MONO
Product référence	RAK-35PSEW / RAC-35WSE

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location
Hitachi RAK-35PSEW_RAC-35WSE	Cameo ltd	Hristov	Bulgaria

FEATURE	VALUE	UNIT
STANDARD COOLING/COOLING PL COND A		
Pc	3.50	kW
Pec	0.78	kW
EER	4.50	



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FEATURE	VALUE	UNIT
STANDARD HEATING		
Ph	4.00	kW
Peh	0.80	kW
COP	5.00	

FEATURE	VALUE	UNIT
ACOUSTIC		
LwO env	62	dB(A)
LwI1 env	57	dB(A)

FEATURE	VALUE	UNIT
COOLING PL CONDB		
Pc @ 30°C	2.58	kW
EER @ 30°C	6.50	



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FEATURE	VALUE	UNIT
COOLING PL CONDC		
Pc @ 25°C	1.66	kW
EER @ 25°C	11.15	

FEATURE	VALUE	UNIT
COOLING PL CONDD		
Pc @ 20°C	1.10	kW
EER @ 20°C	16.40	

FEATURE	VALUE	UNIT
SEASONAL EFFICIENCY IN COOLING		
Pdesignc	3.50	kW
SEER	9.00	
Qce	136.00	kWh/annum
SEER Class	A+++	



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FEATURE	VALUE	UNIT
HEATING PL CONDA		
Ph @ -7°C	2.89	kW
COP @ -7°C	3.45	

FEATURE	VALUE	UNIT
HEATING PL CONDB		
Ph @ +2°C	1.76	kW
COP @ 2°C	5.00	

FEATURE	VALUE	UNIT
HEATING PL CONDC		
Ph @ +7°C	1.13	kW
COP @ +7°C	6.40	

FEATURE	VALUE	UNIT
HEATING PL CONDD		
Ph @ +12°C	1.00	kW
COP @ +12°C	7.90	



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FEATURE	VALUE	UNIT
HEATING AVERAGE CLIMATE		
Pdesignh	3.27	kW
SCOP	5.10	
SCOP Class	A+++	
Qhe	898.00	kWh/annum

FEATURE	VALUE	UNIT
BIVALENT POINT		
Tbiv	-10	°C
COP @ Tbiv	3.00	
Ph TBiv	3.27	kW

FEATURE	VALUE	UNIT
TOL RUNING TEST		
TOL	-20.00	°C
COP @ TOL	2.30	
Ph @ TOL	2.80	kW



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FEATURE	VALUE	UNIT
HEATING COLDER CLIMATE		
SCOP	4.09	
Qhe	2455.00	kWh/annum
SCOP Class_colder climate	A+	

FEATURE	VALUE	UNIT
BIVALENT POINT COLDER CLIMATE		
Tbiv_c	-15	°C
Ph @ Tbiv°C_c	3.90	kW
COP @ Tbiv_c	2.50	

FEATURE	VALUE	UNIT
HEATING WARMER CLIMATE		
SCOP	6.48	
Qhe	381.00	kWh/annum
SCOP Class_warmer climate	A+++	



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FEATURE	VALUE	UNIT
POFFC		
Poff	2.00	W

FEATURE	VALUE	UNIT
PSBC		
Psb	2.00	W

FEATURE	VALUE	UNIT
PTOC		
Pto	5.00	W

FEATURE	VALUE	UNIT
POFFH		
Poffh	2.00	W

FEATURE	VALUE	UNIT
PSBH		
Psbh	2.00	W



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FEATURE	VALUE	UNIT
PTOH		
Ptoh	5.00	W

FEATURE	VALUE	UNIT
GENERAL		
Main Power Supply	230-1-50	
Refrigerant	R32	
Refr. Line	5 m	m
Mounting	Wall Mounted	