



# PRODUCT PERFORMANCE RATING

Document ID 100820200941-14247320

Issued on 8 October 2020

This product is certified by Eurovent Certita Certification as mentioned on

**Certificate N° 16.10.005**

This document is valid at the date of issue - **Check the current validity on [www.eurovent-certification.com](http://www.eurovent-certification.com)**

Product	Air Conditioners / Climatiseurs (AC)
Product type	Comfort air conditioner below 12 kW/ air-cooled/ split/ reversible
Brand	Carrier
Range	Wall mounted
Product référence	42QHG018D8S*/38QHG018D8S*

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location
Carrier	AHI Carrier	123	Russia

FEATURE	VALUE	UNIT
<b>STANDARD COOLING/COOLING PL COND A</b>		
Pc	5.28	kW
Pec	1.55	kW
EER	3.40	



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FEATURE	VALUE	UNIT
<b>STANDARD HEATING</b>		
Ph	5.70	kW
Peh	1.70	kW
COP	3.35	

FEATURE	VALUE	UNIT
<b>ACOUSTIC</b>		
LwO env	65	dB(A)
LwI1 env	58	dB(A)

FEATURE	VALUE	UNIT
<b>COOLING PL CONDB</b>		
Pc @ 30°C	3.90	kW
EER @ 30°C	5.00	



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FEATURE	VALUE	UNIT
<b>COOLING PL CONDC</b>		
Pc @ 25°C	2.45	kW
EER @ 25°C	8.30	

FEATURE	VALUE	UNIT
<b>COOLING PL CONDD</b>		
Pc @ 20°C	1.87	kW
EER @ 20°C	13.45	

FEATURE	VALUE	UNIT
<b>SEASONAL EFFICIENCY IN COOLING</b>		
Pdesignc	5.28	kW
SEER	7.00	
Qce	264.00	kWh/annum
SEER Class	A++	



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FEATURE	VALUE	UNIT
<b>HEATING PL CONDA</b>		
Ph @ -7°C	3.63	kW
COP @ -7°C	2.90	

FEATURE	VALUE	UNIT
<b>HEATING PL CONDB</b>		
Ph @ +2°C	2.40	kW
COP @ 2°C	3.94	

FEATURE	VALUE	UNIT
<b>HEATING PL CONDC</b>		
Ph @ +7°C	1.55	kW
COP @ +7°C	5.00	

FEATURE	VALUE	UNIT
<b>HEATING PL CONDD</b>		
Ph @ +12°C	1.60	kW
COP @ +12°C	6.05	



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FEATURE	VALUE	UNIT
<b>HEATING AVERAGE CLIMATE</b>		
Pdesignh	4.10	kW
SCOP	4.00	
SCOP Class	A+	
Qhe	1435.00	kWh/annum

FEATURE	VALUE	UNIT
<b>BIVALENT POINT</b>		
Tbiv	-7	°C
COP @ Tbiv	2.90	
Ph TBiv	3.63	kW

FEATURE	VALUE	UNIT
<b>TOL RUNING TEST</b>		
TOL	-10.00	°C
COP @ TOL	2.50	
Ph @ TOL	3.20	kW



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FEATURE	VALUE	UNIT
<b>POFFC</b>		
Poff	1.00	W

FEATURE	VALUE	UNIT
<b>PSBC</b>		
Psb	1.00	W

FEATURE	VALUE	UNIT
<b>PTOC</b>		
Pto	17.00	W

FEATURE	VALUE	UNIT
<b>GENERAL</b>		
Capacity Control	Variable	
Main Power Supply	230-1-50	
Refrigerant	R32	
Refr. Line	5 m	m
Mounting	Wall mounted	