

PRODUCT PERFORMANCE RATING

Document ID 1694759995-48-6006d4ec

Issued on: 15 September 2023 - Délivré le : 15 septembre 2023

This product is certified by Eurovent Certita Certification as mentioned on:

Ce produit est certifié par Eurovent Certita Certification comme mentionné sur :



Certificate N° 20.05.002

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

Ce document est valide à la date d'édition - Vérifiez la date de validité sur www.eurovent-certification.com

Certification programmes / Programmes de certification

Air conditioners

Product type / Type de produit

Air to air, split, reversible (≤ 12 kW)

Model name / Nom du modèle

GWH12ACC-K6DNA1F

Range / Gamme

MONOSPLITS

Participant / Titulaire

HONG KONG GREE ELECTRIC APPLIANCES SALES LIMITED

Brand / Marque

GREE

This performance certificate is delivered for the following project

Project Name	Project company	Project location
<i>Nom du projet</i>	<i>Nom de la société</i>	<i>Localisation du projet</i>
TLC Klima	TLC Klima	Turkey

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FEATURE	VALUE	UNIT
Seasonal Efficiency In Cooling		
Pdesignc (Design Load Cooling)	3.5	kW
SEER (Seasonal Energy Efficiency Ratio)	7.1	
Qce (Annual electricity consumption for cooling)	173	kWh/annum
SEER Class (Seasonal Energy Efficiency Ratio Class)	A++	
Heating Average Climate		
Pdesignh (Design load heating)	3.2	kW
SCOP (Reference SCOP)	4.1	
SCOP Class (Seasonal Coefficient Of Performance Class)	A+	
Qhe (Annual electricity consumption for heating)	1093	kWh/annum
Acoustic		
LW0 env (A-weighted sound level outdoor near the envelope for non ducted units)	63	dB(A)
Lw1 env (A-weighted sound power level indoor unit 1 (non ducted))	57	dB(A)
Standard Cooling/Cooling PL Cond A		
Pc (Total Cooling Capacity)	3.51	kW
Pec (Effective Power Input for Cooling (for chilled water cooled Close Control units only)	0.96	kW
EER (Energy Efficiency Ratio)	3.65	
Cooling PL CondB		
Pc @ 30°C (Declared Cooling Capacity @ 30°C)	2.47	kW
EER @ 30°C (Declared Energy Efficiency @ 30°C)	5.37	
Cooling PL CondC		
Pc @ 25°C (Declared Cooling Capacity @ 25°C)	1.57	kW
EER @ 25°C (Declared Energy Efficiency @ 25°C)	8.45	
Cooling PL CondD		
Pc @ 20°C (Declared Cooling Capacity @ 20°C)	1.2	kW
EER @ 20°C (Declared Energy Efficiency @ 20°C)	12.25	
Heating PL CondA		
Ph @ -7°C (Declared Heating Capacity @ -7°C)	2.81	kW
COP @ -7°C (Declared Coefficient Of Performances @ -7°C)	2.55	
Heating PL CondB		

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FEATURE	VALUE	UNIT
Heating PL CondB		
Ph @ +2°C (Declared Heating Capacity @ +2°C)	1.65	kW
COP @ 2°C (Declared Coefficient Of Performances @ 2°C)	4.14	
Heating PL CondC		
Ph @ +7°C (Declared Heating Capacity @ +7°C)	1.09	kW
COP @ +7°C (Declared Coefficient Of Performances @ +7°C)	5.3	
Heating PL CondD		
Ph @ +12°C (Declared Heating Capacity @ +12°C)	1.18	kW
COP @ +12°C (Declared Coefficient Of Performances @ +12°C)	6.53	
Bivalent Point		
Tbiv (Bivalent Temperature)	-7	°C
Ph TBiv (Heating capacity at bivalent temperature)	2.81	kW
COP @ Tbiv (Declared coefficient of performances at bivalent temperature condition)	2.55	
TOL Runing Test		
TOL (Operating LimitTemperature)	-10	°C
Ph E (Declared Heating Capacity @ TOL)	2.71	kW
COP E (Declared Coefficient Of Performances @ TOL)	2.48	
Poffc		
Poff (Power consumption in off mode)	1.55	W
Psb		
Psb (Power consumption in standby mode cooling (Paux, cooling))	1.55	W
Ptoc		
Pto (Power consumption in thermostat off mode)	7	W
Ptoh		
Ptoh (Power consumption in thermostat off mode in heating mode)	24.7	W
General		
Refrigerant	R32	
Main Power Supply (Voltage (V) - Phase - Frequency (Hz))	230-1-50	
Mounting (Mounting Type)	Wall mounted	
Factory Refrigerant Charge (Factory refrigerant charge)	0.57	kg

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FEATURE	VALUE	UNIT
General		
Inverter (<i>Inverter (True/False)</i>)	true	
Eligible CEE		
Eligible CEE (<i>this item provide information if the unit is eligible to the certificat d'economie d'energie</i>)	true	

Air Conditioners / Climatiseurs / Comfort Air Conditioners below 12kW / Climatiseurs de moins de 12kW

Granted on May 14, 2020 - Date 1ère admission 14 mai 2020

This document is valid at the date of issue - Check the current validity on:
Document valable à la date d'émission - Vérifier la validité en cours sur :
www.eurovent-certification.com

Participant/Titulaire

HONG KONG GREE ELECTRIC APPLIANCES SALES LIMITED
UNIT 2612, 26/F MIRAMAR TOWER, 132 NATHAN ROAD - TSIM SHA TSUI KOWLOON
999077 KOWLOON, Hong Kong

This product performance certificate is issued by Eurovent Certita Certification according to the certification rules:

ECP AC - « Air Conditioners » in force at established date.

Pursuant to the decision notified by Eurovent Certita Certification, the right to use the mark ECP shall be granted to the beneficiary company for all products inside the defined scope according to "certify-all" principle and in the conditions defined by the certification program mentioned.

Unless withdrawn or suspended, this certificate remains valid as long as the requirements for the certification program framework are met. The validity of the certificate is to be verified on www.eurovent-certification.com

THIS CERTIFICATE HAS BEEN ISSUED ON 03/11/2022
THIS CERTIFICATE IS VALID UNTIL 31/10/2023

Ce certificat de performance produit est délivré par Eurovent Certita Certification dans les conditions fixées par le référentiel :

ECP AC - « Climatiseurs » en vigueur à date d'édition.

En vertu de la décision notifiée par Eurovent Certita Certification, le droit d'usage de la marque ECP, est accordé à la société qui en est bénéficiaire pour les tous les produits entrant dans le champ d'application défini selon le principe "certify-all" et dans les conditions définies par le programme de certification mentionné.

Sauf retrait ou suspension, ce certificat demeure valide tant que les conditions du référentiel du programme de certification sont respectées. La validité du certificat est à vérifier sur le site Internet www.eurovent-certification.com

CE CERTIFICAT A ÉTÉ EMIS LE 03/11/2022
CE CERTIFICAT EST VALIDE JUSQU'AU 31/10/2023



Organisme accrédité n° 5-0517 Certification Produits et Services selon la norme NF EN ISO/CEI 17065:2012
Portée disponible sur www.cofrac.fr

Accreditation #5-0517 Products and Services Certification according to NF EN ISO/CEI 17065:2012 –
Scope available on www.cofrac.fr

COFRAC est signataire des accords MLA d'EA et MLA d'IAF, COFRAC is signatory of EA MLA and IAF MLA, list of EA members is available on www.european-accreditation.org/ea-members list of IAF members is available on www.iaf.nu/articles/IAF_MEMBERS_SIGNATORIES/4

Paris, 3 novembre 2022

MANAGING BOARD MEMBER / MEMBRE DIRECTOIRE



Appendix / Annexe

Granted on May 14, 2020 - Date 1ère admission 14 mai 2020

This document is valid at the date of issue - Check the current validity on:

Document valable à la date d'émission - Vérifier la validité en cours sur :

www.eurovent-certification.com

List of certified products and characteristics is displayed on:

La liste des références et caractéristiques certifiées est disponible sur le site :

www.eurovent-certification.com

This product performance certificate is valid for the following trade names:

Ce certificat de performance produit est valide pour les marques commerciales suivantes:

Trade Name / Marque Commerciale

GREE

This product performance certificate is valid for the following manufacturing places:

Ce certificat de performance produit est valide pour les sites de production suivants:

Manufacturing Place / Site de Production

Not applicable for this certification programme / Non applicable pour ce programme de certification

This product performance certificate is valid for the following software:

Ce certificat de performance produit est valide pour les logiciels de sélection suivants:

Software / Logiciel de sélection

Not applicable for this certification programme / Non applicable pour ce programme de certification