



Applicant Name:  Gree Electric Applia West Jinji Road, Qian  Split Air Conditioner GWH18AAD-K6DN**I (**represent design of front panel; first*=A-Z, Receipt No.:  Resting location:  Gree Electric Applia West Jinji Road, Qian  West Jinji Road, Qian  Commission Regulation Commission Delegate EN 14825:2016 EN 14511-2,3:2013 EN 12102-1:2017  Test Result:  The test items pass	E ode of different second*=1-9)  nces Inc. of Zhu shan, Zhuhai, Gu on (EU) No 206/2	Serial No.:  Date of receipt:  hai  uangdong 519070, P.F	Engineering sample 2021.1.10			
Test item:  Split Air Conditioner  GWH18AAD-K6DN**I (**represent design or front panel;first*=A-Z, Receipt No.:  RECEIPT No.:  REST Specification:  Gree Electric Applia West Jinji Road, Qian Commission Regulation Commission Delegate EN 14825:2016 EN 14511-2,3:2013 EN 12102-1:2017	E ode of different second*=1-9)  nces Inc. of Zhu ishan, Zhuhai, Gu on (EU) No 206/2	Serial No.:  Date of receipt:  hai  uangdong 519070, P.F	Engineering sample 2021.1.10			
GWH18AAD-K6DN**I (**represent design or front panel;first*=A-Z, Receipt No.: RZ00008553  Testing location: Gree Electric Applia West Jinji Road, Qian Commission Regulation Commission Delegate EN 14825:2016 EN 14511-2,3:2013 EN 12102-1:2017	ode of different second*=1-9) nces Inc. of Zhu ishan, Zhuhai, Gu on (EU) No 206/2	Date of receipt: hai uangdong 519070, P.F	2021.1.10			
(**represent design of front panel;first*=A-Z, Receipt No.:  Resting location:  Gree Electric Applia West Jinji Road, Qian Commission Regulation Commission Delegate EN 14825:2016 EN 14511-2,3:2013 EN 12102-1:2017	ode of different second*=1-9) nces Inc. of Zhu ishan, Zhuhai, Gu on (EU) No 206/2	Date of receipt: hai uangdong 519070, P.F	2021.1.10			
Testing location:  Gree Electric Applia West Jinji Road, Qian Commission Regulation Commission Delegate EN 14825:2016 EN 14511-2,3:2013 EN 12102-1:2017	ishan, Zhuhai, Gu on (EU) No 206/2	hai uangdong 519070, P.F 2012				
West Jinji Road, Qian Test specification: Commission Regulation Commission Delegate EN 14825:2016 EN 14511-2,3:2013 EN 12102-1:2017	ishan, Zhuhai, Gu on (EU) No 206/2	uangdong 519070, P.F 2012	R.China			
Commission Regulation: Commission Delegate EN 14825:2016 EN 14511-2,3:2013 EN 12102-1:2017	on (EU) No 206/2	2012	R.China			
Commission Delegate EN 14825:2016 EN 14511-2,3:2013 EN 12102-1:2017	` '					
EN 14825:2016 EN 14511-2,3:2013 EN 12102-1:2017	ed Regulation (EL	J) No 626/2011				
EN 14511-2,3:2013 EN 12102-1:2017						
EN 12102-1:2017						
		EN 14511-2,3:2013				
Feet Result: The test items need	EN 12102-1:2017					
1110 tost 1101115 pass	sed the test spec	cification(s).				
•	,	( )				
Testing Laboratory: Testing Center of Gre	ee Electric Appliar	nces Inc. of Zhuhai				
rested by:	reviewed by:					
2021.1.10 Chen Lulu	2021.1.10	Ma Jiedan				
Short Editi	2021.1.10	ina oloaan				
Date Name/Position Signature	Date	Name/Position	Signature			

Other Aspects:

Abbreviations: P(ass) = passed

F(ail) = failed N/A = not applicable N/T =not tested

This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

TRF No.: EN 14511 & EN 14825

Report NO.: *NTRF202101022* Page 2 of 17



		NO 626/2011 &EN 14511 and NO 206/20	012 & EN 14825	
С	Clause	Requirement - Test	Result - Remark	Verdict

#### **Summary of testing**

- 1. The appliance was tested according to EN 14511.
- 2. The SEER and SCOP were calculated according to EN14825.
- 3. All the models are indeticial with each other except the panels. All the tests were performed on the model GWH18AAD-K6DNA1E as representive.
- 4. The samples are engineering samples without serial numbers.

Test item particulars	
Class of temperature	T1
Type:	Split Air Conditioner
Degree of protection	Indoor unit:IPX0
	Outdoor unit:IPX4
Supply Connection	Type Y attachment
Possible test case verdicts:	
- test case does not apply to the test object:	N/A
- test object does meet the requirement:	P(Pass)
- test object does not meet the requirement::	F(Fail)
Testing	
Date of receipt of test item:	2020.12.23
Date (s) of performance of tests:	2020.12.23-2020.12.26
·	·

#### **General remarks**

- This appliance is split type air conditioner, which consist of one outdoor unit and one indoor unit.
- >The indoor unit is a wall mounted type air conditioner, which is usually not accessible (only for maintenance purpose).
- ➤ Cooling and heating modes are applied by reverse cycle method. In the heating mode, defrost operation may be applied.
- >The indoor unit is equipped with an infrared wireless battery powered remote control unit.

#### **Critical components:**

Model	Compressor model	Indoor fan motor	Outdoor fan motor
GWH18AAD-K6DN**E	FTz-AN108ACBD	FN25V-PG	FW30J-ZL

Report NO.: *NTRF*202101022 Page 3 of 17



	NO 626/2011 &EN 14511 and NO 206/20	012 & EN 14825	
Clause	Requirement - Test	Result - Remark	Verdict

### Rating labels and marking:

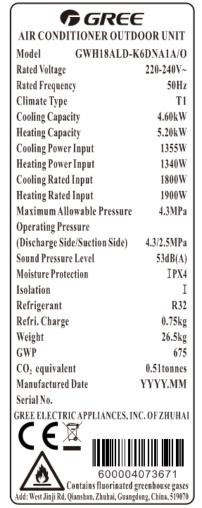
#### Match table:

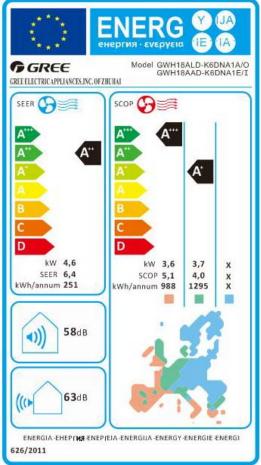
Whole model	Indoor unit	Outdoor unit				
GWH18AAD-K6DN**E	GWH18AAD-K6DN**E/I	GWH18ALD-K6DNA1A /O				
(**represent design code of different front panel first*=A-7 second*=1-9)						

The artwork below may be only a draft.

The labels of other GWH18AAD-K6DN\*\*E are indetical to the representive model GWH18AAD-K6DNA1E as below except for the model name.







Report NO.: *NTRF202101022* Page 4 of 17



	NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825				
Clause	Requirement - Test	Result - Remark	Verdict		

COMMISSIO	N REGULATION	ON (EU) No 2	206/2012			
Subject matter and scope						Р
This Regulation establishes eco-design requirements for the placing on the market of electric mains-operated air conditioners with a rated capacity of ≤12 kW for cooling, or heating if the product has no cooling function, and comfort fans with an electric fan power input ≤125W.						P
This Regulation shall not apply to: (a) appliances that use non-electric energy sources; (b) air conditioners of which the condenser-side or evaporator-side, or both, do not use air for heat transfer medium.	W. D				·	N/A
				-		
Ecodesign requirements and tin	netable			Р		
The ecodesign requirements for air conditioners and comfort fans are set out in Annex I.				Р		
Each ecodesign requirement shall apply in accordance with the following timetable:	See table 1					Р
		Double duct air	COP rated	Single duct air of EER rated	COP rated	N/A
	If GWP of refrigerant >150	2,40	2,36	2,40	1,80	
From 1 January 2013: single	If GWP of refrigerant ≤150	2,16	2,12	2,16	1,62	
duct and double duct air conditioners shall correspond						N/A
	Off mode					
	Standby mode  Standby mode  Availability of standby and/or off mode		The power consumption of equipment in any condition providing only a reactivation function, or providing only a reactivation function and a mere indication of enabled reactivation function, shall not exceed 1,00 W.			
			The power consumption of equipment in any condition providing only information or status display, or providing only a combination of reactivation function and information or status display, shall not exceed 2,00 W.			
			Equipment shall, except where this is inappropriate for the intended use, provide off mode and/or standby mode, and/or another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when the equipment is connected to the mains power source.			
		Indoor sound	power level	in dB(A)		
		Indoor sound power level in dB(A)				
	Subject matter and scope  This Regulation establishes eco-design requirements for the placing on the market of electric mains-operated air conditioners with a rated capacity of ≤12 kW for cooling, or heating if the product has no cooling function, and comfort fans with an electric fan power input ≤125W.  This Regulation shall not apply to: (a) appliances that use non-electric energy sources; (b) air conditioners of which the condenser-side or evaporator-side, or both, do not use air for heat transfer medium.  Definitions For the purposes of 2009/125/EC of the European F Ecodesign requirements and tin The ecodesign requirements for air conditioners and comfort fans are set out in Annex I.  Each ecodesign requirement shall apply in accordance with the following timetable:	This Regulation establishes eco-design requirements for the placing on the market of electric mains-operated air conditioners with a rated capacity of ≤12 kW for cooling, or heating if the product has no cooling function, and comfort fans with an electric fan power input ≤ 125W.  This Regulation shall not apply to: (a) appliances that use non-electric energy sources; (b) air conditioners of which the condenser-side or evaporator-side, or both, do not use air for heat transfer medium.  Definitions For the purposes of this Regulation 2009/125/EC of the European Parliament and Ecodesign requirements and timetable  The ecodesign requirements for air conditioners and comfort fans are set out in Annex I.  Each ecodesign requirement shall apply in accordance with the following timetable:  From 1 January 2013: single duct and double duct air conditioners shall correspond to requirements as indicated in Annex I, point 2(a).  See table 1  If GWP of refrigerant ≤150  If GWP of refrigerant ≤150  If GWP of refrigerant ≤150  Standby mode	This Regulation establishes eco-design requirements for the placing on the market of electric mains-operated air conditioners with a rated capacity of ≤12 kW for cooling, or heating if the product has no cooling function, and comfort fans with an electric fan power input ≤125W.  This Regulation shall not apply to: (a) appliances that use non-electric energy sources; (b) air conditioners of which the condenser-side or evaporator-side, or both, do not use air for heat transfer medium.  Definitions For the purposes of this Regulation, the definitic 2009/125/EC of the European Parliament and of the Counce Ecodesign requirements and timetable  The ecodesign requirements for air conditioners and comfort fans are set out in Annex I.  Each ecodesign requirement shall apply in accordance with the following timetable:  From 1 January 2013: single duct and double duct air conditioners shall correspond to requirements as indicated in Annex I, point 2(a).  See table 1  If GWP of refrigerant ≤150  Off mode  Availability of standby and/or off mode	This Regulation establishes eco-design requirements for the placing on the market of electric mains-operated air conditioners with a rated capacity of ≤ 12 kW for cooling, or heating if the product has no cooling function, and comfort fans with an electric fan power input ≤ 125W.  This Regulation shall not apply to: (a) appliances that use non-electric energy sources; (b) air conditioners of which the condenser-side or evaporator-side, or both, do not use air for heat transfer medium.  Definitions For the purposes of this Regulation, the definitions in Artic 2009/125/EC of the European Parliament and of the Council shall ap Ecodesign requirements and timetable  The ecodesign requirements for air conditioners and comfort fans are set out in Annex I.  Each ecodesign requirement shall apply in accordance with the following timetable:  From 1 January 2013: single duct and double duct air conditioners shall correspond to requirements as indicated in Annex I, point 2(a).  See table 1  See table 1  From 2 January 2013: single duct and double duct air conditioners shall correspond to requirements as indicated in Annex I, point 2(a).  From 3 January 2013: single duct and double duct air conditioners shall correspond to requirements as indicated in Annex I, point 2(a).  From 4 January 2013: single duct and double duct air conditioners shall correspond to requirements as indicated in Annex I, point 2(a).  From 5 January 2013: single duct and double duct air conditioners shall correspond to requirements as indicated in Annex I, point 2(a).  From 6 January 2013: single duct and double duct air conditioners shall correspond to requirements as indicated in Annex I, point 2(a).  From 1 January 2013: single duct and double duct air conditioners shall correspond to requirements as indicated in Annex I, point 2(a).  From 1 January 2013: single duct and double duct air conditioners and the following point and th	Subject matter and scope  This Regulation establishes eco-design requirements for the placing on the market of electric mains-operated air conditioners with a rated capacity of ≤12 kW for cooling, or heating if the product has no cooling function, and comfort fans with an electric fan power input ≤125W.  This Regulation shall not apply to: (a) appliances that use non-electric energy sources; (b) air conditioners of which the condenser-side or evaporator-side, or both, do not use air for heat transfer medium.  Definitions For the purposes of this Regulation, the definitions in Article 2 of Dire 2009/125/EC of the European Parliament and of the Council shall apply.  Ecodesign requirements and timetable  The ecodesign requirements for air conditioners and comfort fans are set out in Annex I.  Each ecodesign requirement shall apply in accordance with the following timetable:  See table 1  From 1 January 2013: single duct and double duct air conditioners shall correspond to requirements as indicated in Annex I, point 2(a).  From 2 January 2013: single duct and double duct air conditioners shall correspond to requirements as indicated in Annex I, point 2(a).  From 4 January 2013: single duct and double duct air conditioners shall correspond to requirements as indicated in Annex I, point 2(a).  From 5 January 2013: single duct and double duct air conditioners shall correspond to requirements as indicated in Annex I, point 2(a).  From 6 January 2013: single duct and double duct air conditioners shall correspond to requirements as indicated in Annex I, point 2(a).  From 7 January 2013: single duct and double duct air conditioners shall correspond to requirements as indicated in Annex I, point 2(a).  From 8 January 2013: single duct and double duct air conditioners shall correspond to requirements and conditioners shall recorded to the conditioners and th	Subject matter and scope  This Regulation establishes eco-design requirements for the placing on the market of electric mains-operated air conditioners with a rated capacity of ≤12 kW for cooling, or heating if the product has no cooling function, and comfort fans with an electric fan power input ≤125W.  This Regulation shall not apply to: (a) appliances that use non-electric energy sources; (b) air conditioners of which the condenser-side or evaporator-side, or both, do not use air for heat transfer medium.  Definitions For the purposes of this Regulation, the definitions in Article 2 of Directive 2009/125/EC of the European Parliament and of the Council shall apply.  Ecodesign requirements and timetable  The ecodesign requirements for air conditioners and comfort fans are set out in Annex I.  Each ecodesign requirement shall apply in accordance with the following timetable:  See table 1  See table 1  **From 1 January 2013: single duct and double duct air conditioners shall correspond to requirements as indicated in Annex I, point 2(a).  **GWP of efficiency 100 of mode  **GWP of conditioners and conditioners

Report NO.: *NTRF202101022* Page 5 of 17



	NO 626/2011 &EN 14511 and NO 206/20	012 & EN 14825	
Clause	Requirement - Test	Result - Remark	Verdict

•										
		Requiremen	nts for max	imum pow	ver consu	ımption i	n off-mode an	d standby m	ode	N/A
					Power consum mode condition		ment in any off- eed 0,50 W.			
	From 1 January 2014, single duct and double duct air conditioners and comfort fans shall correspond to	air					The power consumption of equipment in any condition providing only a reactivation function, or providing only a reactivation function and a mere indication of enabled reactivation function, shall not exceed 0,50 W.			
	equirements as indicated in fable 7 below, calculated in ccordance with Annex II.						The power consumption of equipment in any condition providing only information or status display, or providing only a combination of reactivation function and information or status display, shall not exceed 1,00 W.			
		Availability of standby and/or off mode					Equipment shall, except where this is inappropriate for the intended use, provide off mode and/or standby mode, and/or another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when the equipment is connected to the mains power source.			le
		Power mana	igement				are not depend shall, unless in. offer a power n function, that so shortest possib the intended us automatically ir mode, or — an exceed the apprequirements for when the equip	en other ener ent on its fun appropriate fo ananagement f witches equip le period of ti et of the equip toto: — standb other conditio or off mode ar arment is conn The power m.	gy- using product ctions, equipmen to the intended us unction, or a simi ment after the me appropriate for oment, y mode, or — off n which does not consumption d/or standby mo ected to the main anagement functi	de s
				Requirer	ments for	minimu	ninimum energy efficiency			Р
	ongle and buble duct conditioners, shall correspond to requirements as indicated in Approx L point 2(b) and	SEER				SCOP (Average heating season)				
except		If GWP of refrigerant > 150			3,60		3,40			
single and double duct		If GWP of refrigerant ≤ 150 3,24			3,06					
air conditioners	points 3(a), 3(b), 3(c); (b) single ducts and double ducts			Requirem	nents for	maximur	m sound powe	r level		Р
	shall correspond to requirements as indicated in	Rated capacity≤6KW				6 <rat< td=""><td>ed capacity</td><td>≤12KW</td><td></td></rat<>	ed capacity	≤12KW		
	Annex I, points 3(a), 3(b), 3(d); (c) comfort fans shall correspond to requirements	Indoor soul		powe	oor sound er level in IB(A)		Indoor sound power level in dB(A)		Outdoor sound bower level in dB(A)	
	as indicated in Annex I, points 3(a), 3(b), 3(e).	60	1		65		65		70	-
				1		1		l		7
		1					energy efficienc			
	From 1 January 2014: (a) air conditioners shall correspond			itioners, ex and single d tioners SCOP(h	luct	conditio	duct air ners	Single duct conditioner		P
	to ecodesign requirements as		SEER	SCOP(n seas Avera	on:	EER rated	COPrated	EERrated	COPrated	
	indicated in Annex I, point 2(c); (b) single duct and double duct air conditioners	If GWP of refrigerant > 150 for < 6 kW	4,60	3,8	0	2,60	2,60	2,60	2,04	
	shall correspond to requirements as indicated in Annex I, point 2(d).	If GWP of refrigerant ≤ 150 for < 6 kW	4,14	3,4	2	2,34	2,34	2,34	1,84	
	7 uniox 1, point 2(u).	If GWP of refrigerant > 150 for 6-12 kW	4,30	3,8	0	2,60	2,60	2,60	2,04	
		If GWP of refrigerant ≤ 150 for 6-12 kW	3,87	3,4	2	2,34	2,34	2,34	1,84	

Report NO.: *NTRF202101022* Page 6 of 17



	NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825			
Clause	Requirement - Test	Result - Remark	Verdict	

lause	Requirement - Test	Result - Remark	Verdict
-			_
3	Compliance with ecodesign requirements shall be measured and calculated in accordance with requirements set out in Annex II.		Р
Article 4	Conformity assessment		Р
1	The conformity assessment procedure referred to in Article 8 of Directive 2009/125/EC shall be the internal design control set out in Annex IV to that Directive or the management system set out in Annex V to that Directive.		Р
2	For the purposes of conformity assessment pursuant to Article 8 of Directive 2009/125/EC, the technical documen-tation file shall contain the results of the calculation set out in Annex II to this Regulation.		P
Article 5	Verification procedure for market surveilla	ance purposes	Р
	Member States shall apply the verification Regulation when performing the market s Directive 2009/125/EC for compliance with Regulation.	surveillance checks referred to in Article 3(2) of	Р
Article 6	Benchmarks		-
	The indicative benchmarks for best-perfo the time of entry into force of this Regulat	rming air conditioners available on the market at ion are set out in Annex IV.	-
Article 7	Revision		-
	present the result of this review to the Ec from the date of the entry into force of this the efficiency and sound power level requiglobal warming potential (GWP) refrigeral conditioners and possible changes in ma conditioners above 12 kW rated output per appropriateness of the standby and off measurement method, including consider calculation	ation in the light of technological progress and odesign Consultation Forum no later than 5 years as Regulation. The review shall in particular assess direments, the approach to promote the use of lowns and the scope of the Regulation for air right share of types of appliances, including air ower. The review shall also assess the ode requirements, seasonal calculation and rations on the development of a possible seasonal ditioners in the scope for cooling and heating	-
Article 8	Entry into force and application		Р
	<ol> <li>This Regulation shall enter into force of Official Journal of the European Union.</li> <li>It shall apply from 1 January 2013.</li> </ol>	n the 20th day following its publication in the	Р
Annex I	Ecodesign requirements		Р
1	Definitions applicable for the		Р
2	purposes of the annexes  Requirements for minimum energy efficiency, maximum power consumption in off- mode and standby mode and for maximum sound power level		Р

Report NO.: *NTRF202101022* Page 7 of 17



	NO 626/2011 &EN 14511 and NO 206/20	012 & EN 14825	
Clause	Requirement - Test	Result - Remark	Verdict

(a) From 1 January 2013, single duct and double duct		Double duct	-		_	air conditioner	N/A
air conditioners shall correspond to requirements as indicated in Tables 1, 2	If GWP of refrigerant >1	EER rated	COF	2,36	EER rated	COP rated	
and 3 below, calculated in accordance with Annex II. Single duct and double duct	If GWP of refrigerant ≤150	2,16		2,12	2,16	1,62	
air conditioners and comfort fans shall fulfil the requirements on standby and	Off mode			Power cons	sumption of equ	ipment in any off-mode 1,00 W.	N/A
off mode as indicated in Table 2 below. The requirements on minimum energy efficiency and maximum sound power	Ota II.			condition pr providing or	roviding only a r nly a reactivation of enabled reactivation	equipment in any reactivation function, or on function and a mere ivation function, shall not	
shall relate to the standard rating conditions specified in Annex II, Table 2.	Standby mode			condition pr display, or p reactivation	roviding only inf providing only a	equipment in any formation or status combination of formation or status ,00 W.	
	Availability of stan	dby and/or off m	ode	for the inter standby mo not exceed requiremen	nded use, provious, and/or anoto the applicable puts for off mode quipment is con	here this is inappropriate de off mode and/or ther condition which does power consumption and/or standby mode anected to the mains	
		Indoor	sound p	ower leve	el in dB(A	)	
(b) From 1 January 2012, cir.							
(b) From 1 January 2013, air conditioners, except single		SEE		nimum energ	OP (Average he	eating season)	Р
and double duct air conditioners, shall correspond to minimum energy efficiency	If GWP of refrigera	ant >	3,60		3,40		
and maximum sound power	If GWP of refrigera	ant ≤	3,24		3,06	i	
level requirements as indicated in Tables 4 and 5 below, calculated in		Require	ments for ma	ximum sound	power level		Р
accordance with Annex II. The	Rated	capacity≤6k		6<	Rated capa	acity≤12KW	
requirements on energy efficiency shall take into account the reference design	Indoor sound power level in dB(A)		oor I power n dB(A)	Indoor s power le dB(A)		Outdoor sound power level in dB(A)	
conditions specified in Annex II, Table 3 using the 'Average'	60		65	(	65	70	
heating season where applicable. The requirements on sound power shall relate to the standard rating conditions	Sound pow 1:2017: Indoor: 58		est resu	It accor	ding to E	EN 12102-	
specified in Annex II, Table 2	Outdoor: 6	3 dB(A)					

Report NO.: *NTRF202101022* Page 8 of 17



	NO 626/2011 &EN 14511 and NO 206/20	012 & EN 14825	
Clause	Requirement - Test	Result - Remark	Verdict

	<del></del>					60.1			
	(c) From 1 January 2014, air			Requirements for itioners, except	Double	duct air	Single duct		N/A
	conditioners shall correspond		air condi		conditi	oners	conditioners	5	
	to requirements as indicated in the table below, calculated		SEER	SCOP(heating season:	EER rated	COPrated	EERrated	COPrated	
	in accordance with Annex II.	If GWP of		Average)	ratou				
	The requirements on energy	refrigerant > 150 for	4,60	3,80	2,60	2,60	2,60	2,04	
	efficiency for air conditioners,	< 6 kW							
	excluding single and double	If GWP of							
	duct air conditioners, shall	refrigerant ≤ 150 for	4,14	3,42	2,34	2,34	2,34	1,84	
	relate to the reference design	< 6 kW							
	conditions specified in Annex	If GWP of refrigerant							
	II, Table 3 using the 'Average'	> 150 for 6-12 kW	4,30	3,80	2,60	2,60	2,60	2,04	
	heating season where	If GWP of							
	applicable. The requirements	refrigerant	3,87	3,42	2,34	2,34	2,34	1,84	
	on energy efficiency for single	≤ 150 for 6-12 kW		-,	,	,		,-	
	and double duct air						ı	<u> </u>	
	conditioners shall relate to the								
	standard rating conditions								
	specified in Annex II, Table 2.								
	(d) From 1 January 2014,								N/A
	single duct and double duct air conditioners and comfort	Requireme	nts for max	imum power cons	sumption	in off-mode an	d standby mo	de	_
	fans shall correspond to	Off mode				Power consum mode condition	ption of equipr	ment in any off- eed 0.50 W.	
	requirements as indicated in								
	Table 7 below, calculated in					condition provi	ding only a rea	quipment in any activation function,	
	accordance with Annex II.					mere indication	of enabled re	n function and a activation function,	
	accordance with Annex II.	Standby mo	de		L	shall not excee	ed 0,50 W.		
								quipment in any mation or status	
						display, or prov	iding only a co	ombination of rmation or status	
						display, shall n			
						Equipment sha			
						mode and/or st	tandby mode,		
		Availability	of standby a	nd/or off mode		power consum	ption requirem	eed the applicable ents for off mode	
						and/or standby connected to the		ne equipment is r source.	
						When equipme	ent is not provid	ding the main	
						function, or when other energy- using product(s) are not dependent on its functions, equipment			·
							shall, unless inappropriate for the intended use, offer a power management function, or a similar function, that switches equipment after the shortest possible period of time appropriate for		
		Power mana	agement			the intended us	se of the equip		
						mode, or - an	other condition	which does not	
							or off mode an	d/or standby mode	
						power source.	The power ma	cted to the mains nagement function	
						shall be activat	ed before deliv	very.	
	Product information								_
3	requirements								P
	(a) From 1 January 2013, as								
	regards air conditioners and								P
	comfort fans, the information								
	set out in points below and								
	calculated in accordance with								
	Annex II shall be provided on:								
	(i) the technical								
	documentation of the product;								
	(ii) free access websites of								
	manufacturers of air								
1	conditioners and comfort fans;								

Report NO.: *NTRF202101022* Page 9 of 17



	NO 626/2011 &EN 14511 and NO 206/20	)12 & EN 14825	
Clause	Requirement - Test	Result - Remark	Verdict

Annex IV	Benchmarks	Benchmarks for air conditioners  Air conditioners, Double duct air Single duct air excluding double duct and single duct conditioner conditioners  SEER SCOP EER COP EER COP	
, anica iii	vermeation procedure for the	arret sarvemance purposes	'
Annex III	Verification procedure for ma		P
Annex II	for comfort fans.  Measurements and calculation	ons	Р
	Manufacturer shall provide information as detailed in the table 2  (e)Information requirements	Air conditioner	N/A
	(d) Information requirements for single duct and double duct air conditioners. Single duct air conditioners shall be named 'local air conditioners' in packaging, product documentation and in any advertisement material, whether electronic or in paper.	See appendix	N/A
	(c) Information requirements for air conditioners, except double duct and single duct air conditioners.	See appendix	Р
	(b) The manufacturer of air conditioners and comfort fans shall provide laboratories performing market surveillance checks, upon request, the necessary information on the setting of the unit as applied for the establishment of declared capacities, SEER/EER, SCOP/COP values and service values and provide contact information for obtaining such information.		Р



Article 3	Responsibilities of suppliers	Р
1	Suppliers shall take action as described in points (a) to (g)	-
	(a) a printed label is provided for each air conditioner respecting energy efficiency classes as set out in Annex II. The label shall comply with the format and content of information as set out in Annex III. For air conditioners, except single and double duct air conditioners, a printed label must be provided, at least in the packaging of the outdoor unit, for at least one combination of indoor and outdoor units at capacity ratio 1. For other combinations, the information can be alternatively provided on a free access web site	P
	(b) a product fiche, as set out in Annex IV, is made available. For air conditioners, except single and double duct air conditioners, a product fiche must be provided at least in the packaging of the out door unit, for at least one combinationof indoor and outdoor units at capacity ratio 1. For other combinations, the information can be alternatively provided on a free access web site	P
	(c) technical documentation as set out in Annex V is made available electronically on request to the authorities of the Member States and to the Commission	Р
	(d) any advertisement for a specific model of an air conditioner shall contain the energy efficiency class, if the advertisement discloses energy-related or price information. Where more than one efficiency class is possible, the supplier or the manufacturer, as appropriate, shall declare the energy efficiencyclass for heating at least in 'Average' heating season. Information in the cases where end-users cannot be expected to see the product displayed is to be provided as set out in Annex VI	Р
	(e) any technical promotional material concerning a specific model of an air conditioner which describes its specific technical parameters shall include the energy efficiency class of that model as set out Annex II	Р
	(f) instructions for use are made available	Р
	(g) single ducts shall be named 'local air conditioners' in packaging, product documentation and in any advertisement material, whether electronic or in paper.	N/A
2	The energy efficiency class shall be determined as set out in Annex VII.	Р



3	The format of the label for air conditioners except for single and double duct air conditioners shall be as set out in Annex III.		Р
4	For the air conditioners, except for single and double duct air conditioners, the format of the label set out in Annex III shall be applied according to the following timetable:		Р
	(a) as regards air conditioners, except single duct and double duct air conditioners, placed on the market from 1 January 2013, labels with energy efficiency classes A, B, C, D, E, F, G shall be in accordance with point 1.1 of Annex III for reversible air conditioners, with point 2.1 of Annex III for cooling-only air conditioners and with point 3.1 of Annex III for heating-only air conditioners;		N/A
	(b) as regards air conditioners, except single duct and double duct air conditioners, placed on the market from 1 January 2015, labels with energy efficiency classes A+, A, B, C, D, E, F, shall be in accordance with point 1.2 of Annex III for reversible air conditioners, with point 2.2 of Annex III for cooling-only air conditioners and with point 3.2 of Annex III for heating-only air conditioners;		N/A
	(c) as regards air conditioners, except single duct and double duct air conditioners, placed on the market from 1 January 2017, labels with energy efficiency classes A++, A+, A, B, C, D, E, shall be in accordance with point 1.3 of Annex III for reversible air conditioners, with point 2.3 of Annex III for cooling-only air conditioners and with point 3.3 of Annex III for heating-only air conditioners;		N/A
	(d) as regards air conditioners, except single duct and double duct air conditioners, placed on the market from 1 January 2019, labels with energy efficiency classes A+++, A++, A+, A, B, C, D shall be in accordance with point 1.4 of Annex III for reversible air conditioners, with point 2.4 of Annex III for cooling-only air conditioners and with point 3.4 of Annex III for heating-only air conditioners.	Cooling mode:A++ Heating mode: Warmmer: A+++ Average: A+	Р
5	The format of the label for double duct air conditioners placed on the market from 1 January 2013 with energy efficiency classes A+++, A++, A+, A, B, C, D shall be in accordance with point 4.1 of Annex III for reversible double duct air conditioners, with point 4.3 of Annex III for cooling-only double duct air conditioners and with point 4.5 of Annex III for heating-only double duct air conditioners.		N/A
Annex I	Definitions		
		1	1

Report NO.: NTRF20180139

Page 12 of 17



	The definition same to EN14825:2013 & NO 206/2012		Р
Annex II	Energy efficiency classes		Р
	Energy efficiency classes for air conditioners, except double ducts and single ducts.	See energy lable	Р
	Energy efficiency classes for double ducts and single ducts.		N/A
Annex II	Energy label	See the page 3	Р

Report NO.: *NTRF202101022* Page 13 of 17



	NO 626/2011 &EN 14511 and NO 206/20	)12 & EN 14825	
Clause	Requirement - Test	Result - Remark	Verdict

# Test result of part load according to EN 14825: Calculation of SEER in cooling mode:

Full le	oad (Pdesigno	c):4600 <b>W</b>	Tdes	ignc: 35℃	Tested Voltage: 230V	Frequency: 50Hz
Test item	Indoor DB/WB(℃)	Outdoor DB/W	/B(°C)	Ptest (W)	Tested EER	Cd
Α		35/-		4614	3.24	0,25
В	27/19	30/-		3309	4.83	0,25
С	27/19	25/-		2143	7.52	0,25
D		20/-		1250	11.22	0,25
		Psb= Poff	= 2.036	W; Pck= 0W; Pto= 5	5.52W, Q <sub>CE</sub> =249kWh/a	
	Test SEI	ER			6.473	
	Declared S	SEER			6.4	
Te	est SEER≥Decl	ared SEER			Pass	
The c	alculation meth	nod of SEER aco	ording to	o the clause 6 of EN1	4825:2016	
Acco	rding table 1	of NO 626/2011	, the re	sult efficency classe	es: A++	

## **Calculation of SCOP in heating mode:**

Full load (Pdesignh):3700W		Tdes	Tdesignh: -10℃		verage	
Tbivalent: -7℃; TOL: -10℃		Tested	Voltage: 230V	Frequency	: 50Hz	
Test item	Indoor DB(℃)	Outdoor DB/WB(℃)	Ptest(w	) Tes	ted COP	Cd
Α		-7/-8	3340		2.97	0,25
В		2/1	1991		4.08	0,25
С	20/	7/6	1325		4.67	0,25
D	20/-	12/11	957		5.16	0,25
Е		TOL	3708		2.32	0,25
F		Tbivalent	3340		2.97	0.25
		Psb= Poff= 2.036W;	Pck= 0W; P	to= 25.13W, Q <sub>HE</sub>	= 1290kWh/a	
		SCOP			4.016	
	D	eclared SCOP			4.0	
	SCO	P≥Declared SCOP			Pass	
The calc	culation method	d of SCOP acoording to	the clause 7 c	of EN14825:2016		
\ccordi	ng table 1 of	NO 626/2011, the res	sult efficency o	classes: A+		

Report NO.: *NTRF202101022* Page 14 of 17



	NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825					
Clause	)	Requirement - Test	Result - Remark	Verdict		

## Calculation of SCOP in heating mode:

	Full lo	oad (Pdesignh):3600W	Tde	esignh: 2℃	Climate: War	mer	
	Tbival	ent: 2℃; TOL: 2℃	Tested \	Tested Voltage: 230V Frequency: 50Hz			
Test item	Indoor $DB(^{\circ}\!$	Outdoor DB/WB(℃)	Ptest(\	w)	Tested COP	Cd	
Α		1	1		1	0,25	
В		2/1		)	2.61	0,25	
С	20/-	20/- 7/6		)	5.08	0,25	
D	12/11		1087		5.87	0,25	
Ε		TOL	3730		2.61	0,25	
F		Tbivalent	3730		2.61	0.25	
		Psb= Poff= 2.036W;	Pck= 0W;	Pto= 25.13\	W, Q <sub>HE</sub> =987 kWh/a		
		SCOP			5.108		
	De	eclared SCOP			5.1		
SCOP≥Declared SCOP Pass							
The calculation method of SCOP according to the clause 7 of EN14825:2016							
According table 1 of NO 626/2011, the result efficency classes: A+++							

Report NO.: *NTRF202101022* Page 15 of 17



NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825						
Clause	Requirement - Test	Result - Remark	Verdict			

## Appendix I: information according to clause 3 of NO 206/2012 ANNEX I , for air conditioners, except single duct and double duct air conditioners

Functio	n (indicate if	present)		Only for heating mode, if applicable				
Cooling		Υ		Average(mandatory)		Y		
Heating Y			Warmer(if des	signed)	Υ			
				Colder(if des	igned)	N		
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
	Design load				Seasonal eff	iciency		
Cooling	Pdesignc	4.6	kW	Cooling	SEER	6.4		
Heating/average	Pdesignh	3.7	kW	Heating/average	SCOP/A	4.0	_	
Heating/warmer	Pdesignh	3.6	kW	Heating/warmer	SCOP/W	5.1	_	
Heating/colder	Pdesignh	x,x	kW	Heating/colder	SCOP/C	X,X	_	
Declared capacit temperature 27(19			indoor rature Tj	Declared energy efficiency ratio (*), at indoor temperature 27(19) °C and outdoor temperature Tj				
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
<b>Tj=3</b> 5℃	Pdc	4.61	kW	Tj=35℃	EERd	3.24	_	
Tj=30℃	Pdc	3.30	kW	Tj=30℃	EERd	4.83	_	
Tj=25℃	Pdc	2.14	kW	Tj=25℃	EERd	7.52	_	
Tj=20℃	Pdc	1.25	kW	Tj=20℃	EERd	11.22	_	
Declared capacity (*) for heating/Average season, at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficie at indoor temperat				
Tj=-7℃	Pdh	3.34	kW	Tj=-7℃	COPd	2.97	_	
Tj=2℃	Pdh	1.99	kW	Tj=2℃	COPd	4.08	_	
Tj=7℃	Pdh	1.32	kW	Tj=7℃	COPd	4.67	_	
Tj=12℃	Pdh	0.95	kW	Tj=12℃	COPd	5.16	_	
Tj=operating limit	Pdh	3.70	kW	Tj=operating limit	COPd	2.32	_	
Tj=bivalent temperature	Pdh	3.34	kW	Tj=bivalent temperature	COPd	2.97	_	

Report NO.: *NTRF202101022* Page 16 of 17



NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825						
Clause	Requirement - Test	Result - Remark	Verdict			

Functio	on (indicate if	present)	Only for heating mode, if applicable					
Cooling		Υ		Average(mand	latory)	Y		
Heating		Υ		Warmer(if desi	Y			
				Colder(if desig	N			
Item	Item Symbol Value Unit		Item	Symbol	Value	Unit		
Declared capacity indoor temperature			Declared coefficient of performance(*)/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj					
Tj=2℃	Pdh	3.73	kW	Tj=2℃	COPd	2.61	_	
Tj=7℃	Pdh	2.31	kW	Tj=7℃	COPd	5.08	_	
Tj=12℃	Pdh	1.08	kW	Tj=12℃	COPd	5.87	_	
Tj=operating limit	Pdh	3.73	kW	Tj=operating limit	COPd	2.61	_	
Tj=bivalent temperature	Pdh	3.73	kW	Tj=bivalent temperature	COPd	2.61	_	
	Declared capacity (*) for heating/Colder season, at indoor temperature 20 °C and outdoor temperature  Ti				Declared coefficient of performance(*)/Colder season, at indoor temperature 20 °C and outdoor temperature Tj			
Tj=-7℃	Pdh	x,x	kW	Tj=-7℃	COPd	X,X	_	
Tj=2℃	Pdh	X,X	kW	Tj=2℃	COPd	X,X	_	
Tj=7℃	Pdh	X,X	kW	Tj=7℃	C-OPd	X,X	_	
Tj=12℃	Pdh	X,X	kW	Tj=12℃	COPd	X,X	_	
Tj=operating limit	Pdh	x,x	kW	Tj=operating limit	COPd	X,X	_	
Tj=bivalent temperature	Pdh	x,x	kW	Tj=bivalent temperature	COPd	X,X	_	
Tj=-15℃	Pdh	x,x	kW	Tj=-15℃	COPd	X,X	_	
Biv	alent tempera	ature		Operatin	g limit tempe	erature		
Heating/Average	Tbiv	-7	$^{\circ}$ C	Heating/Average	Tol	-10	${\mathbb C}$	
Heating/Warmer	Tbiv	2	$^{\circ}$ C	Heating/Warmer	Tol	2	$^{\circ}$	
Heating/Colder	Tbiv	x,x	°C	Heating/Colder	Tol	X,X	$^{\circ}$	
Cycli	ng interval ca	apacity		Cycling interval efficiency				
for cooling	Pcycc	x,x	kW	for cooling EER		x,x	_	
for heating	Pcych	x,x	kW	for heating	COPcyc	X,X	_	
Degradation coefficient cooling	Cdc	0.25	_	Degradation co- efficient heating	Cdh	0.25	_	

Report NO.: *NTRF202101022* Page 17 of 17



NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825						
Clause	Requirement - Test	Result - Remark	Verdict			

Function (indicate if present)					Only for heating mode, if applicable			
Cooling	Y				Average(mandatory)		Υ	
Heating	Y				Warmer(if designed)		Υ	
					Colder(if desig	ıned)	N	
Item	Symbol	Value Unit		Item	Symbol	Value	Unit	
Electric pov		n power modes ve mode'	s other th	nan	Annual	electricity	consumption	
Off mode	P <sub>OFF</sub>	0.00203	36	kW	Cooling	$Q_{CE}$	251	kWh/a
Standby mode	P <sub>SB</sub>	0.002036 kW		Heating/Average	$Q_{HE}$	1295	kWh/a	
Thermostat- off mode	Рто	0.00552/0.02513 kW		kW	Heating/Warmer	$Q_{HE}$	988	kWh/a
Crankcase heater mode	P <sub>CK</sub>	0 kW		kW	Heating/Colder	Q <sub>HE</sub>	x,x	kWh/a
Capacity co	ontrol (indi	icate one of thr	ee optior	าร)	Other items			
fixed		N			Sound power level (indoor/outdoor)	$L_{WA}$	58/63	dB(A)
staged		N			Global warming potential	GWP	675	kgCO <sub>2</sub> eq.
variable Y					Rated air flow (indoor/outdoor)	_	850/1950	m <sup>3</sup> /h
	Contact details for obtaining more information on the setting of the unit  Gree Electric Appliances Inc. of Zhuhai  Jinji West Road, Qianshan, Zhuhai, Guangdong 519070, P.R.China  Email: greerzsykt@cn.gree.com							

<sup>(\*)</sup> For staged capacity units, two values divided by a slash ('/') will be declared in each box in the section 'Declared capacity of the unit' and 'declared EER/COP' of the unit.

For units with capacity control marked 'staged', two values for the highest and lowest, noted 'hi/lo' divided by a slash ('/') will be declared in each box under 'Declared capacity'.

--End of report--

<sup>(\*\*)</sup> If default Cd = 0,25 is chosen then (results from) cycling tests are not required. Otherwise either the heating or cooling cycling test value is required.