Report NO.: NTRE20170445



Test Report No.:	NT	RE201704	145		Pag	e 1 of 17		
Applicant Name:	Gre	e Electric App	oliances	Inc. of Zhuh	ai			
	Wes	st Jinji Rd, Qiar	nshan, Z	Zhuhai, Guang	dong, China, 51907	0		
Test item:	Spli	t Air Condition	er					
Identification:	Out	door unit: GUD	71W/NI	nA-T	Serial No.:	Engineering		
	Indo	Indoor unit: GUD71ZD/A-T sample				sample		
Receipt No.:	RZC	0340768	Date of receipt: 2018.1.15					
Testing location:	Gre	e Electric App	oliances	Inc. of Zhuh	ai			
	Wes	st Jinji Rd, Qiar	nshan, Z	Zhuhai, Guang	dong, China, 51907	0		
Test specification: Commission Regula			lation (E	EU) No 206/20	12			
Commission Deleg			gated Regulation (EU) No 626/2011					
	EN	14825:2016						
	FN	14511-2,3:201	3					
		12102:2013	Ü					
	LIV	12 102.2010						
Test Result:	Th	e test items p	assed	the test speci	fication(s).			
Testing Laborato	ory: Tes	ting Center of (Gree Ele	ectric Applianc	es Inc. of Zhuhai			
tested by:			reviewed by:					
							Τ	
2018-2-10	Huang Jishe	ng		2018-2-10	Lu Zhibin			
Date	Name/Position	Signature		Date	Name/Position	Signature	t	
Other Aspects:	L	L	ı	ı	·	l	_	

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

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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 tests were performed on the outdoor model GUD71W/NhA-T and the indoor model GUD71ZD/A-T as representive.

4. The samples are engineering samples without serial numbers.

Test item particulars	
Class of temperature	T1
Туре	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	2018.1.15
Date (s) of performance of tests:	2018.1.20-2018.2.10

General remarks

- >This appliance is split type air conditioner, which consist of one outdoor unit and one indoor unit.
- >The indoor unit is floor ceiling type air conditioner, which are 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 can be controlled by a wired controller or an infrared wireless battery powered remote control unit

Model list:

Model	Compressor model	Indoor fan motor	Outdoor fan motor
Outdoor unit: GUD71W/NhA-T Indoor unit: GUD71ZD/A-T	QXFS-D25zX090H	FG150A-ZL	LW60M-ZL

Note:

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Rating labels and marking:

Match	table:

Whole model	Indoor unit	Outdoor unit
1	GUD71ZD/A-T	GUD71W/NhA-T

The artwork below may be only a draft.



FLOOR CEILING TYPE AIR CONDITIONER

Model GUD71ZD/A-T Rated Voltage/Frequency 220-240V~/50Hz

208-230V~/60Hz

Cooling Capacity 7000W
Heating Capacity 8000W
Rated Input 80W
Air Flow Volume 1300m³/h
Sound Pressure Level 45dB(A)
Weight 31kg

Manufactured Date

GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI





Add: West Jinji Rd, Qianshan, Zhuhai, Guangdong, China, 519070

GREE AIR CONDITIONER OUTDOOR UNIT

Model		GUD71W/NhA-T				
Rated Voltage	220-240V~50Hz	Refrigerant				
Rated Frequency	208-230V~60Hz	R32				
Climate Type	T1	Refri. Charge	<u> </u>			
Weight	53kg	1.6kg				
Rated Current	16.0A	GWP	675			
Moisture Protection	IPX4	CO, Equivalent	1.08t			
Operating Press	4.6/2.5MPa					
Maximum Allowabl	4.6MPa					
Manufactured Date						

Contains fluorinated greenhouse gases

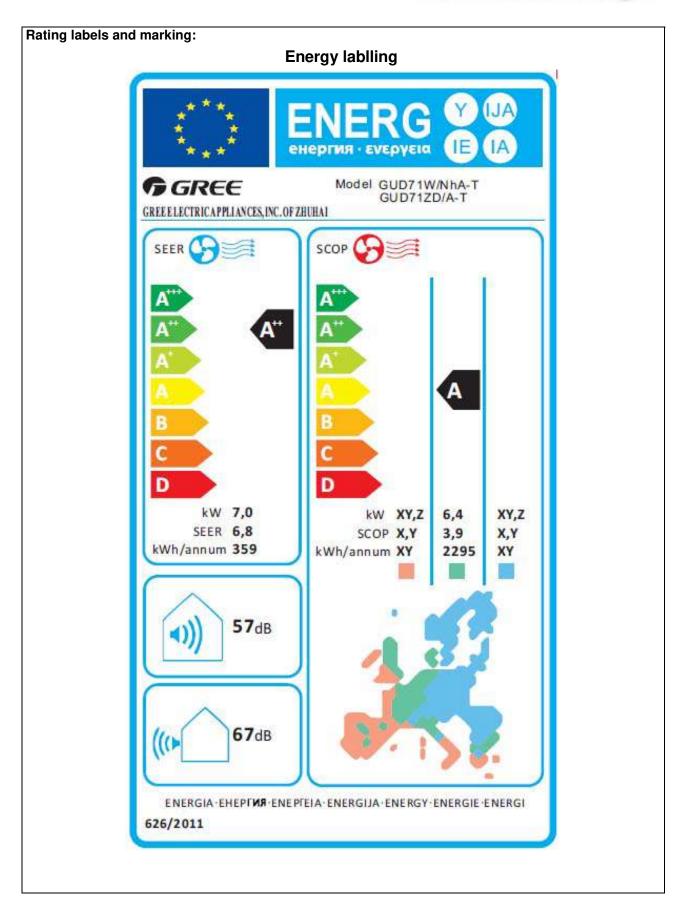
GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI





Add: West Jinji Rd, Qianshan, Zhuhai, Guangdong, China, 519070







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	NO 626/2011 &EN 14511 and NO 206/2012	2 & EN 14825:2016	
Clause	Requirement - Test	Result - Remark	Verdict

GREE KAP

	COMMISSIO	N REGULATIO	ON (EU) No 2	206/2012			
Article 1	Subject matter and scope						Р
1	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.	Air conditioner Rated capacity					P
2	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.						N/A
Article 2			his Regulation, the definitions in Article 2 of Directive arliament and of the Council shall apply.				
Article 3	Ecodesign requirements and tin	netable				Р	
1	The ecodesign requirements for air conditioners and comfort fans are set out in Annex I.						Р
2	Each ecodesign requirement shall apply in accordance with the following timetable:	See table 1					Р
			Double duct air of EER rated	conditioners COP rated	Single duct air	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
single duct	to requirements as indicated in Annex I, point 2(a).	Off mode		Power consumption of equipment in any off-mode condition shall not exceed 1,00 W.			
and double duct air conditioners	in Annex i, point 2(a).	Standby 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.			
		Availability of standby and/or off mode Availability of standby and/or off mo					
			Indoor sound	oower level	in dB(A)		
				65	52(/ 1)		
		1					1

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	NO 626/2011 &EN 14511 and NO 206/2012	2 & EN 14825:2016	
Clause	Requirement - Test	Result - Remark	Verdict

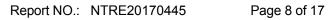
		Requirements	s for maxir	num powe	r consun	nption in off-r	node and star	ndby mode		N/A
		Off mode					consumption condition shall			',''
	From 1 January 2014, single duct and double duct air conditioners and comfort fans	ct and double duct air and double duct air and double duct air and double duct air				or pro- mere i	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.			
	shall correspond to requirements as indicated in Table 7 below, calculated in accordance with Annex II.	puirements as indicated in ble 7 below, calculated in				condit display reactiv	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.		or status tion of	
		Availability of	standby an	d/or off mo	de	inappr mode condit power and/or	ment shall, exc opriate for the and/or standby ion which does consumption r standby mode cted to the mai	intended use, p mode, and/or not exceed the equirements for when the equ	orovide off another e applicable or off mode ipment is	
		Power management				function are no shall, offer a function shorted the introduction automore excee requires when a power shall be should be should be shall b	When equipment is not providing 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 the intended use of the equipment, automatically into: — standby mode, or — off mode, 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. The power management function shall be activated before delivery.			
		Requirements for minim				minimum ene	nimum energy efficiency			Р
	From 1 January 2013: (a) air conditioners, except single and double duct air				SEER	SC	SCOP (Average heating season)			
except		If GWP of refrigerant > 150 3,60			3,40					
single and double duct	conditioners, shall correspond to requirements as indicated in Annex I, point 2(b) and	If GWP of ret ≤ 150	frigerant		3,24		3,0	06		
air conditioners	points 3(a), 3(b), 3(c); (b) single ducts and double ducts	oints 3(a), 3(b), 3(c); (b) ngle ducts and double ducts				Requirements for maximum sound power level				Р
	shall correspond to requirements as indicated in	Ra	Rated capacity≤6KW				6 <rated ca<="" td=""><td>pacity≤12KV</td><td>٧</td><td></td></rated>	pacity≤12KV	٧	
	Annex I, points 3(a), 3(b), 3(d); (c) comfort fans shall correspond to requirements as indicated in Annex I, points	Indoor sound level in di		power	or sound level in s(A)	powe	or sound er level in IB(A)	Outdoor power I dB(evel in	
	3(a), 3(b), 3(e).	60		6	65		65	7	0	
		Decimal				r minimum one	minimum energy efficiency			
	From 1 January 2014: (a) air			litioners, ex and single o	cept	Double duct conditioners	air	Single duct conditioners		Р
	conditioners shall correspond to ecodesign requirements as		SEER	SCOP(h seas Avera	on:	EERrated	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	
	runox i, point Z(u).	If GWP of refrigerant > 150 for 6-12 kW	4,30	3,8	00	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	



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NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825:2016			
Clause	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.	Р
Article 5	Verification procedure for market surveillance purposes	Р
	Member States shall apply the verification procedure described in Annex III to this Regulation when performing the market surveillance checks referred to in Article 3(2) of Directive 2009/125/EC for compliance with requirements set out in Annex I to this Regulation.	Р
Article 6	Benchmarks	=
	The indicative benchmarks for best-performing air conditioners available on the market at the time of entry into force of this Regulation are set out in Annex IV.	-
Article 7	Revision	-
	The Commission shall review this Regulation in the light of technological progress and present the result of this review to the Ecodesign Consultation Forum no later than 5 years from the date of the entry into force of this Regulation. The review shall in particular assess the efficiency and sound power level requirements, the approach to promote the use of low-global warming potential (GWP) refrigerants and the scope of the Regulation for air conditioners and possible changes in market share of types of appliances, including air conditioners above 12 kW rated output power. The review shall also assess the appropriateness of the standby and off mode requirements, seasonal calculation and measurement method, including considerations on the development of a possible seasonal calculation and measurement method for all air conditioners in the scope for cooling and heating seasons.	-
Article 8	Entry into force and application	Р
	This Regulation shall enter into force on the 20th day following its publication in the Official Journal of the European Union. It shall apply from 1 January 2013.	Р
Annex I	Ecodesign requirements	Р
1	Definitions applicable for the purposes of the annexes	Р
2	Requirements for minimum energy efficiency, maximum power consumption in offmode and standby mode and for maximum sound power level	Р





NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825:2016					
Clause	Requirement - Test	Result - Remark	Verdict		

(a) From 1 January 2013,		Double duct air	conditioners	Single duct a	ir conditioner	N/A
single duct and double duct air conditioners shall		EER rated	COP rated	EER rated	COP rated	""
correspond to requirements as indicated in Tables 1, 2	If GWP of refrigerant >150	2,40	2,36	2,40	1,80	
and 3 below, calculated in accordance with Annex II.	If GWP of refrigerant ≤150	2,16	2,12	2,16	1,62	
Single duct and double duct						N/A
air conditioners and comfort fans shall fulfil the	Off mode			Power consumption of equipment in any off-mode condition shall not exceed 1,00 W.		
requirements on standby and off mode as indicated in Tabl 2 below. The requirements of minimum energy efficiency and maximum sound power shall relate to the standard	e		conditio providin indicatio exceed The pov conditio display, reactiva	wer consumption of eqin providing only a reactivation fit on of enabled reactivation fit on of enabled reactivation of eqin providing only inform or providing only inform or providing only a cortion function and inforr shall not exceed 2,00	citivation function, or unction and a mere ion function, shall not uipment in any nation or status mbination of mation or status	
rating conditions specified in Annex II, Table 2.	Availability of stand	by and/or off mode	Equipm for the in standby not exce requirer	ent shall, except where ntended use, provide or mode, and/or another eed the applicable pow nents for off mode and the equipment is connec	e this is inappropriate off mode and/or condition which does wer consumption l/or standby mode	
		Indoor sound power level in dB(A)				
		1110001 000	65	3VCI III 4B(71)		
(b) From 1 January 2013, air		Requirement	s for minimum ei	nergy efficiency		Р
conditioners, except single		SEER		SCOP (Average heating	ng season)	-
and double duct air conditioners, shall correspon to minimum energy efficiency		nt > 3,60		3,40		
and maximum sound power	If GWP of refrigeral	nt ≤ 3,24		3,06		
level requirements as indicated in Tables 4 and 5 below, calculated in		Requirements for maximum sound power level			Р	
accordance with Annex II. Th	e Rated ca	apacity≤6KW		6 <rated capaci<="" td=""><td>ty≤12KW</td><td></td></rated>	ty≤12KW	
requirements on energy efficiency shall take into account the reference design		Outdoor sound pov level in dE	wer power	er level in po	outdoor sound ower level in B(A)	
conditions specified in Annex II, Table 3 using the 'Average		65		65	70	
heating season where applicable. The requirements on sound power shall relate the standard rating conditions specified in Annex II, Table 2	Sound power Indoor: 57 Outdoor: 6	dB (A)	result acc	ording to EN	12102:2013	

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NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825:2016					
Clause	Requirement - Test	Result - Remark	Verdict		

(a) Francia I be a constant			Requirements for	r minimum en	erav efficiency			1
(c) From 1 January 2014, air			itioners, except and single duct	Double duct	air	Single duct conditioners		N/A
conditioners shall correspond		air condi	tioners	conditioners		conditioners		
to requirements as indicated in the table below, calculated		SEER	SCOP(heating season:	EERrated	COPrated	EERrated	COPrated	
in accordance with Annex II.	If GWP of		Average)					
The requirements on energy	refrigerant > 150 for < 6	4,60	3,80	2,60	2,60	2,60	2,04	
efficiency for air conditioners,	kW							
excluding single and double	If GWP of							
duct air conditioners, shall	refrigerant ≤ 150 for < 6	4,14	3,42	2,34	2,34	2,34	1,84	
relate to the reference design	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			·			•		
conditioners shall relate to the								
standard rating conditions								
specified in Annex II, Table 2.								1
(d) From 1 January 2014, single duct and double duct								N/A
air conditioners and comfort	Requirements	s for maxin	num power consu	mption in off-r	node and stan	idby mode		
fans shall correspond to	Off mode			Power consumption of equipment in any off- mode condition shall not exceed 0,50 W.				
requirements as indicated in				The p	ower consumpt	ion of equipme	ent in any	
Table 7 below, calculated in				condit	ion providing o	nly a reactivation	on function,	
accordance with Annex II.				or providing only a reactivation function and a mere indication of enabled reactivation function, shall not exceed 0,50 W.				
	Standby mode	:						
					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			
				displa	y, shall not exc	eed 1,00 W.		
					ment shall, excopriate for the			
	Availability of s	standby and	d/or off mode		and/or standby			
				power	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.			
					equipment is n			
				are no	on, or when oth t dependent or	its functions,	equipment	
				offer a	unless inapprop power manag	ement function	, or a similar	
					on, that switche st possible per			
	Power manage	ement			ended use of the atically into: —		, or — off	
				mode	or — another of the applicable	condition which	does not	
				require	ements for off r the equipment	node and/or st	andby mode	
				power	source. The po e activated bet	ower managen		
Product information	L -			1				Р
requirements								
(a) From 1 January 2013, as								Р
regards air conditioners and								-
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								
conditioners and comfort fans;								



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NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825:2016							
Clause	Requirement - Test	Result - Remark	,	Verdict			
	(b) The manufacturer of air conditioners and comfort fans			Р			

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. (c) Information requirements See appendix Ρ for air conditioners, except double duct and single duct air conditioners. (d) Information requirements See appendix N/A 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. Manufacturer shall provide information as detailed in the table 2 Air conditioner N/A (e)Information requirements for comfort fans. Annex II Measurements and calculations Ρ Ρ Annex III Verification procedure for market surveillance purposes Annex IV **Benchmarks** Ρ Benchmarks for air conditioners N/A Single duct air Air conditioners, Double duct air excluding double conditioner conditioner duct and single duct conditioners EER COP COP SEER SCOP EER 5,10 3,00(*) 3,15 3,15(*) 8.50 Benchmark for level of GWP of the refrigerant used in the air conditioner is GWP≤20. (*) based on efficiency of evaporatively cooled single duct air conditioners



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NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825:2016					
Clause Requirement - Test		Result - Remark	Verdict		

	COMMISSION DELEGATED REGULATION	ON (EU) No 626/2011	
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		Р
	(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		Р
	(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



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	NO 626/2011 &EN 14511 and NO 206/	/2012 & EN 14825:2016		
Clause Requirement - Test Result - Remark Ver				
	(g) single ducts shall be named 'local air conditioners' in packaging, product		N/A	

material, whether electronic or in paper. 2 The energy efficiency class shall be determined Ρ as set out in Annex VII. 3 The format of the label for air conditioners Ρ except for single and double duct air conditioners shall be as set out in Annex III. 4 For the air conditioners, except for single and Ρ double duct air conditioners, the format of the label set out in Annex III shall be applied according to the following timetable: (a) as regards air conditioners, except single N/A 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; (b) as regards air conditioners, except single N/A 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: (c) as regards air conditioners, except single Cooling mode:A++ Ρ duct and double duct air conditioners, placed on Heating mode: the market from 1 January 2017, labels with Warmmer: / energy efficiency classes A++, A+, A, B, C, D, Average: A E. shall be in accordance with point 1.3 of Annex III for reversible air conditioners, with Colder: / 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.



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	NO 626/2011 &EN 14511 and NO 206/201	2 & EN 14825:2016	
Clause	Requirement - Test	Result - Remark	Verdict
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		
	The definition same to EN14825:2016 & 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

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NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825:2016					
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): 7000 W; Tdesig	gnc: 35℃ Tested Vo	oltage: 230V Freque	ncy: 50Hz		
Test item	Indoor DB/WB(℃)	Outdoor DB/WB(°ℂ)	Ptest (W)	Tested EER	Cd		
Α		35/-	7029	3.61	0,25		
В	27/19	30/-	4949	5.03	0,25		
С	27/19	25/-	3212	8.85	0,25		
D		20/-	2268	10.10	0,25		
	Psb= Poff = 2.02W; Pck= 0 W; Pto= 22.98 W, Q _{HE} = 358 kWh/a						
	Те	st SEER		6.839			
	Decla	ared SEER		6.8			
	Test SEER≥Declared SEER Pass						
The c	The calculation method of SEER according to the clause 6 of EN14825:2016						
Acco	According table 1 of NO 626/2011, the result efficency classes: A++						

Calculation of SCOP in heating mode:

Full loa	d (Pdesignh):	6400W Tdesignh	: -10℃ (Climate: Average ;	
Tbivale	nt: -7℃; TOL:	-10℃ Tested Volt	age: 230V Fr	requency: 50Hz	
Test item	Indoor DB(℃)	Outdoor DB/WB(℃)	Ptest(w)	Tested COP	Cd
Α		-7/-8	5635	2.78	0,25
В		2/1	3213	3.72	0,25
С	20/-	7/6	2265	5.13	0,25
D	20/-	12/11	2795	6.22	0,25
Е		TOL	5229	2.38	0,25
F		Tbivalent	5635	2.78	0.25
		Psb= Poff= 2.02W;	Pck= 0 W; Pto= 9	9.05 W, Q _{HE} = 2294 kWh/a	
		SCOP		3.906	
	D	eclared SCOP		3.9	
SCOP≥Declared SCOP				Pass	
The calculation method of SEER according to the clause 7 of EN14825:2016					
Accord	According table 1 of NO 626/2011, the result efficency classes: A				



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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

Function (indicate if present)				Only for heating mode, if applicable				
Cooling		Υ		Average(man	datory)	Υ		
Heating Y			Warmer(if designed)		N			
				Colder(if des	igned)	N		
Item	Symbol	Value Un		Item	Symbol	Value	Unit	
	Design load			Seasonal efficiency				
Cooling	Pdesignc	7.0	kW	Cooling	SEER	6.8	_	
Heating/average	Pdesignh	6.4	kW	Heating/average	SCOP/A	3.9	_	
Heating/warmer	Pdesignh	X,X	kW	Heating/warmer	SCOP/W	x,x	_	
Heating/colder	Pdesignh	X,X	kW	Heating/colder	SCOP/C	x,x	_	
Declared capacity (*) for cooling, at indoor temperature 27(19) °C and outdoor temperature Tj				Declared energy efficiency ratio (*), at indoor temperature 27(19) °C and outdoor temperature Tj				
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Tj=3 5℃	Pdc	7.02	kW	Tj=3 5℃	EERd	3.61		
Tj=30℃	Pdc	4.94	kW	Tj=30°C	EERd	5.03		
Tj=25℃	Pdc	3.21	kW	Tj=25℃	EERd	8.85		
Tj=20℃	Pdc	2.26	kW	Tj=20℃	EERd	10.10		
Declared capacity (*) for heating/Average season, at indoor temperature 20 °C and outdoor temperature Tj			Declared coefficient of performance(*)/Average season, at indoor temperature 20 °C and outdoor temperature Tj					
Tj=-7℃	Pdh	5.63	kW	Tj=-7℃	COPd	2.78		
Tj=2℃	Pdh	3.21	kW	Tj=2℃	COPd	3.72		
Tj=7℃	Pdh	2.26	kW	Tj=7℃	COPd	5.13	_	
Tj=12℃	Pdh	2.79	kW	Tj=12℃	COPd	6.22	_	
Tj=operating limit	Pdh	5.22	kW	Tj=operating limit	COPd	2.38	_	
Tj=bivalent temperature	Pdh	5.63	kW	Tj=bivalent temperature	COPd	2.78	_	



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	NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825:2016						
Clause	Requirement - Test	Result - Remark	Verdict				

Function (indicate if present)				Only for heating mode, if applicable			
Cooling	Y			Average(mandatory)		Y	
Heating Y			Warmer(if designed)		N		
		Colder(if designed)		N			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Declared capacity (*) for heating/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj			Declared coefficient of performance(*)/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj				
Tj=2℃	Pdh	X,X	kW	Tj=2℃	COPd	x,x	_
Tj=7°C	Pdh	X,X	kW	Tj=7℃	COPd	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	_
Declared capacity (*) for heating/Colder season, at indoor temperature 20 °C and outdoor temperature Tj			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°C	Pdh	X,X	kW	Tj=7℃	COPd	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	_
Biva	lent temper	ature		Operating limit temperature			
Heating/Average	Tbiv	-7	$^{\circ}\! \mathbb{C}$	Heating/Average	Tol	-10	$^{\circ}\! \mathbb{C}$
Heating/Warmer	Tbiv	х	$^{\circ}\!\mathbb{C}$	Heating/Warmer	Tol	Х	$^{\circ}$
Heating/Colder	Tbiv	х	$^{\circ}\!\mathbb{C}$	Heating/Colder	Tol	Х	$^{\circ}$
Cycling interval capacity			Cycling interval efficiency				
for cooling	Pcycc	x,x	kW	for cooling	EERcyc	X,X	
for heating	Pcych	X,X	kW	for heating	COPcyc	X,X	
Degradation co- efficient cooling (**)	Cdc	0.25	_	Degradation coefficient heating	Cdh	0.25	



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NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825:2016						
Clause	Requirement - Test	Result - Remark	Verdict			

Function (indicate if present)				Only for heating mode, if applicable					
Cooling	Y				Average(mandatory)		Y		
Heating	Y				Warmer(if designed)		N		
					Colder(if desig	Colder(if designed)		N	
Item	Symbo I	Value		Uni t	Item	Symbo I	Value	Unit	
Electric pow	Electric power input in power modes other than 'active mode'				Annual electricity consumption				
Off mode	P _{OFF}	0.00202		kW	Cooling	Q _{CE}	359	kWh/a	
Standby mode	P _{SB}	0.00202 kV		kW	Heating/Averag e	Q_{HE}	2295	kWh/a	
Thermostat -off mode	P _{TO}	0.02298/0.00905		kW	Heating/Warmer	Q _{HE}		kWh/a	
Crankcase heater mode	P _{CK}	0		kW	Heating/Colder	Q_{HE}		kWh/a	
Capacity	Capacity control (indicate one of three options)				Other items				
fixed	N				Sound power level (indoor/outdoor)	L _{WA}	(57/67)	dB(A)	
staged	N				Global warming potential	GWP	675	kgCO 2 eq.	
variable	Y				Rated air flow (indoor/outdoor)	_	(1300/360 0)	m³/h	
Contact	information West Jinji Rd, C				ic Appliances Inc. of Zhuhai				
			Emai	l: gree	erzsykt@cn.gree.d	<u>com</u>			

^(*) 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--

^(**) 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.