Test Report No.	[,] NT	RF20180212		Pag	e 1 of 18		
Applicant Name	: Gre	e Electric Applianc	es Inc. of Zhuh	ai			
	We	st Jinji Rd, Qianshan	, Zhuhai, Guang	gdong, China, 51907	0		
Test item:	Spli	t Air Conditioner					
Identification:	GW	H12YD-S6DB**A		Serial No.:	Engineering		
	· ·	epresent design cod t panel;first*=A-Z,seo			sample		
Receipt No.:	/			Date of receipt: 2018.07			
Testing location	: Gre	e Electric Applianc	es Inc. of Zhuh	ai			
	We	st Jinji Rd, Qianshan	, Zhuhai, Guang	gdong, China, 51907	0		
Test specificatio	on: Cor	mission Regulation	(EU) No 206/20)12			
	nmission Delegated	Regulation (EU)) No 626/2011				
	EN	14825:2016	6				
	EN	EN 14511-2,3:2013					
	EN	12102-1:2017					
Test Result:	Tł	e test items passed	the test spec	ification(s).			
		,	,				
Testing Laborate	ory: Tes	ting Center of Gree I	Electric Appliand	ces Inc. of Zhuhai			
tested by:			reviewed by:				
2018-7-20	Huang Jishe	ng	2018-7-20	Lu Zhibin			
Date	Name/Position	Signature	Date	Name/Position	Signature		
Other Aspects:	1				1		
Abbreviations:	P(ass) = pas						
	F(ail) = faile						
	N/A = not ap N/T =not te						
				• · · · · · ·			
				on of the test cente ot entitle to carry a			
his or similar pro				or entitle to carry a	any salely mark		
no or sirinar pro	Juucia.						



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 performedon the model GWH12YD-S6DBA2A as representive
- 4. The samples are engineering samples without serial numbers.

Test item particulars	
Class of temperature	Т1
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:	2018.07.10
Date (s) of performance of tests:	2018.07.15-2018.07.20

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). It will be mounted 2,5 meters above the floor.

>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.

Model list:

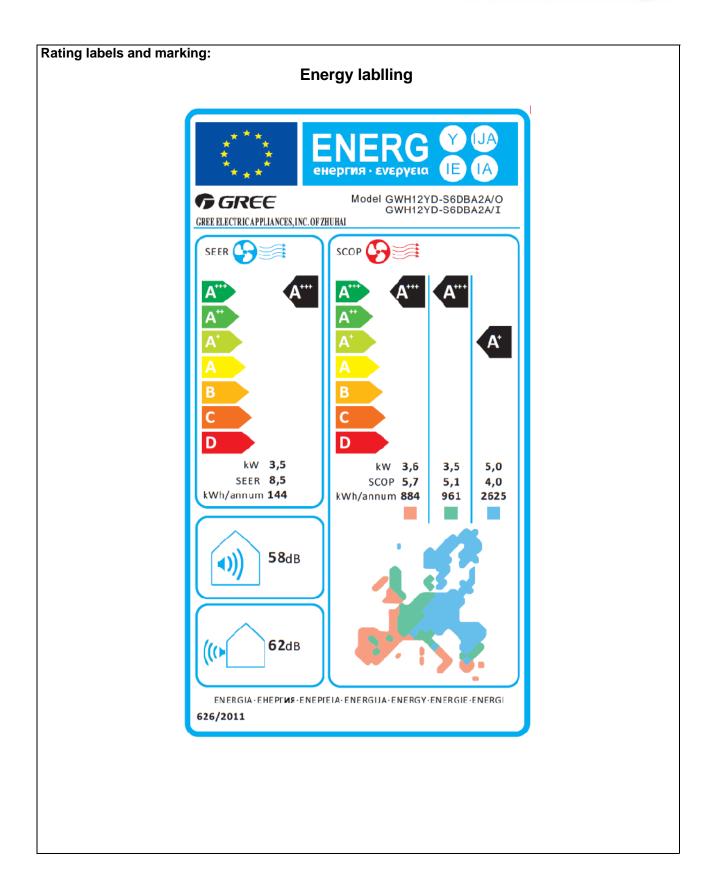
Model	Compressor model	Indoor fan motor	Outdoor fan motor
GWH12YD-S6DB**A	QXFT-B123zE170B	FN60B-ZL	FW30J-ZL

Note: '**' denotes for "A1" to "Z9",only the display panel is different..



/H12YD-S6DB**A GWH12YD-S6DB**A/I GWH12YD-S6DBA2A/O (**represent design code of different front panel; first*=A-Z, second*=1-9) artwork below may be only a draft. labels of other GWH12YD-S6DB**A are indetical to the representive model GWH12YD-S6DE wexcept for the model name. Image: Comparison of the model name. Generation of the representive model GWH12YD-S6DE Image: Comparison of the model name. Generation of the representive model GWH12YD-S6DE Image: Comparison of the model name. Generation of the representive model GWH12YD-S6DE Image: Comparison of the model name. Generation of the representive model GWH12YD-S6DE Image: Comparison of the model name. Generation of the representive model GWH12YD-S6DE Image: Comparison of the model name. Generation of the representive model GWH12YD-S6DE Image: Comparison of the first of the representive model for the model name. Generation of the representive model GWH12YD-S6DE Image: Comparison of the first of the fi
artwork below may be only a draft. labels of other GWH12YD-S6DB**A are indetical to the representive model GWH12YD-S6DE w except for the model name. CENTRALE CONDITIONER INDOOR UNIT Model GWH12YD-S6DBA2A/I Rated Voltage 220-240V~ Rated Frequency 50/60Hz Cooling Capacity 3530W Heating Capacity 4200W Air Flow Volume 800m ³ /h Sound Pressure Level(H) 43dB(A) Weight 13.5kg Manufactured Date GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI AIR CONDITIONER OUTDOOR UNIT Model CWH12YD-S6DBA2A/I Rated Voltage 220-240V~ Rated Frequency 50/60Hz Cooling Capacity 3530W Heating Capacity 4200W Air Flow Volume 800m ³ /h Sound Pressure Level(H) 43dB(A) Weight 13.5kg Manufactured Date GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI COOLING CONDITIONER OUTDOOR UNIT Mainum Allowable Pressure 4.3MP2 Operating Pressure for the Discharge Side 4.3MP2 Operating Pressure for the Suction Side 2.5MP2 Manufactured Date GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI COULD COULD C
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NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825

Clause

Requirement - Test

Result - Remark

Verdict

	COMMISSIC			200/2012			1	
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 $\leq 125W$.	Air conditione Rated capacit					Ρ	
2 Article 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. Definitions For the purposes of	this Pogulation	the definiti	ons in Artic	No. 2 of Diro	ctivo	N/A	
	2009/125/EC of the European F					Clive	-	
Article 3	Ecodesign requirements and tir	netable					Р	
1	The ecodesign requirements for air conditioners and comfort fans are set out in Annex I.						Ρ	
2	Each ecodesign requirement shall apply in accordance with the following timetable:	See table 1						
			Double duct ai	r 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	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 onsumption 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.			node and/or ndition which does consumption standby mode			
		Indoor sound power level in dB(A) 65						

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NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825

Clause

Requirement - Test

Result - Remark

Verdict

		Requirement	s for maxir	num pov	ver consu	mption in off-r	node and stan	dby mode		N/A
		Off mode					consumption c			
	From 1 January 2014, single duct and double duct air conditioners and comfort fans shall correspond to requirements as indicated in	Standby mode				condit or prov mere i shall n The po	ower consumpt ion providing ou viding only a re ndication of en iot exceed 0,50 ower consumpt ion providing ou	nly a reactivation activation funct abled reactivat W. ion of equipme	on function, tion and a ion function, ent in any	
	Table 7 below, calculated in accordance with Annex II.					reactiv	y, or providing o vation function a y, shall not exce	and informatior		
		Availability of s	standby an	d/or off m	ode	inappr mode condit power and/or	ment shall, exco opriate for the i and/or standby ion which does consumption r standby mode cted to the mai	not exceed the equirements for when the equi	provide off another e applicable or off mode ipment is	
		Power manage	ement			function are no shall, offer a function shorte the init autom mode, excee require when power	equipment is n n, or when oth t dependent or unless inapprop power manage n, that switche st possible peri ended use of th atically into: — or — another of the applicable ments for off r the equipment source. The pr e activated bef	er energy- usin its functions, (priate for the in ment function s equipment al iod of time app ne equipment, standby mode condition which e power consuu node and/or stis s connected to wer managem	Ig product(s) aquipment tended use, , or a similar ter the ropriate for , or — off a does not mption andby mode the mains	
				Require	ments for	minimum ene	nimum energy efficiency			Р
except	From 1 January 2013: (a) air conditioners, except single and double duct air conditioners, shall correspond to requirements as indicated in Annex I, point 2(b) and points 3(a), 3(b), 3(c); (b) single ducts and double ducts aball correspond to	SEER If GWP of refrigerant > 150 3,60		SCOP (Average heating season) 3,40			on)			
single and double duct		If GWP of ref ≤ 150	rigerant		3,24		3,0	06		
air conditioners		Requirements for maximum sound power level						Ρ		
	shall correspond to requirements as indicated in	Ra	ted capac	ty≪6KW	/		6 <rated ca<="" td=""><td>pacity≪12KV</td><td>V</td><td></td></rated>	pacity≪12KV	V	
	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 dE		powe	oor sound er level in IB(A)	powe	or sound er level in IB(A)	Outdoor power l dB(evel in	
	3(a), 3(b), 3(e).	60			65		65	70)	
	From 1 January 2014: (a) air			itioners, e and single	except	r minimum ene Double duct conditioners	air	Single duct conditioners		Р
	conditioners shall correspond to ecodesign requirements as		SEER	SCOP sea	(heating ason: erage)	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	,80	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	,42	2,34	2,34	2,34	1,84	
		If GWP of refrigerant > 150 for 6-12 kW	4,30	3	,80	2,60	2,60	2,60	2,04	
		If GWP of refrigerant ≤ 150 for 6-12 kW	3,87	3	,42	2,34	2,34	2,34	1,84	



ause	Requirement - Test	Result - Remark	Verdic				
3	Compliance with ecodesign requirements shall be measured and calculated in accordance with requirements set out in Annex II.		Ρ				
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.		Ρ				
Article 5	Verification procedure for market surv	reillance purposes	Р				
	Regulation when performing the mark	ation procedure described in Annex III to this tet surveillance checks referred to in Article 3(2) of with requirements set out in Annex I to this	Ρ				
Article 6	Benchmarks						
	The indicative benchmarks for best-puttient the time of entry into force of this Reg	erforming air conditioners available on the market at ulation are set out in Annex IV.	-				
Article 7	Revision		-				
	present the result of this review to the from the date of the entry into force of the efficiency and sound power level global warming potential (GWP) refrig conditioners and possible changes in conditioners above 12 kW rated output appropriateness of the standby and o measurement method, including cons calculation	gulation in the light of technological progress and Ecodesign Consultation Forum no later than 5 years f this Regulation. The review shall in particular assess requirements, the approach to promote the use of low- jerants and the scope of the Regulation for air market share of types of appliances, including air ut power. The review shall also assess the ff mode requirements, seasonal calculation and iderations on the development of a possible seasonal onditioners in the scope for cooling and heating	-				
Article 8	Entry into force and application		Ρ				
	 This Regulation shall enter into fore Official Journal of the European Union 2. It shall apply from 1 January 2013. 	ce on the 20th day following its publication in the n.	Ρ				
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 off- mode and standby mode and for maximum sound power		Ρ				



NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825 Requirement - Test Result - Remark Verdict Clause (a) From 1 January 2013, Double duct air conditioners Single duct air conditioner N/A single duct and double duct COP rated EER rated COP rated EER rated air conditioners shall correspond to requirements If GWP of 2 40 2 36 2 40 1.80 refrigerant >150 as indicated in Tables 1, 2 and 3 below, calculated in If GWP of 2.16 2.12 2.16 1.62 accordance with Annex II. refrigerant ≤150 Single duct and double duct N/A air conditioners and comfort Power consumption of equipment in any off-mode condition shall not exceed 1,00 W. Off mode fans shall fulfil the requirements on standby and 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 off mode as indicated in Table 2 below. The requirements on exceed 1.00 W minimum energy efficiency Standby mode The power consumption of equipment in any condition providing only information or status and maximum sound power display, or providing only a combination of reactivation function and information or status shall relate to the standard rating conditions specified in 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. Annex II, Table 2. Availability of standby and/or off mode Indoor sound power level in dB(A) 65 (b) From 1 January 2013, air Requirements for minimum energy efficiency Ρ conditioners, except single SCOP (Average heating season) SEER and double duct air If GWP of refrigerant > conditioners, shall correspond 3,60 3,40 to minimum energy efficiency and maximum sound power If GWP of refrigerant ≤ 150 3.24 3.06 level requirements as indicated in Tables 4 and 5 Р Requirements for maximum sound power level below. calculated in accordance with Annex II. The Rated capacity≤6KW 6<Rated capacity≤12KW requirements on energy Indoor sound Outdoor Indoor sound Outdoor sound efficiency shall take into power level in sound power power level in power level in dB(A) level in dB(A) dB(A) dB(A) account the reference design conditions specified in Annex 60 65 65 70 II, Table 3 using the 'Average' heating season where Sound power level test result according to EN 12102applicable. The requirements 1:2017 on sound power shall relate to Indoor: 58 dB (A) the standard rating conditions Outdoor: 62 dB (A) specified in Annex II, Table 2



lause	Requirement - Test				Resu	ult - R	Remark			Verdic
	(c) From 1 January 2014, air conditioners shall correspond			Requiremer itioners, except and single duct	t Do	imum ene ouble duct		Single duct conditioners		N/A
	to requirements as indicated		air cond		ing	Rrated	COPrated	EERrated	COPrated	
	in the table below, calculated in accordance with Annex II.	If GWP of		Average)	<u> </u>					
	The requirements on energy efficiency for air conditioners,	refrigerant > 150 for < 6 kW	4,60	3,80	:	2,60	2,60	2,60	2,04	
	excluding single and double duct air conditioners, shall relate to the reference design	If GWP of refrigerant ≤ 150 for < 6 kW	4,14	3,42	:	2,34	2,34	2,34	1,84	
	conditions specified in Annex II, Table 3 using the 'Average'	If GWP of refrigerant > 150 for 6-12 kW	4,30	3,80	:	2,60	2,60	2,60	2,04	
	heating season where applicable. The requirements on energy efficiency for single	If GWP of refrigerant ≤ 150 for 6-12 kW	3,87	3,42	:	2,34	2,34	2,34	1,84	
	and double duct air conditioners shall relate to the standard rating conditions specified in Annex II, Table 2.									
	(d) From 1 January 2014, single duct and double duct	Requirement	s for maxir	num power co	onsumptio	on in off-r	node and star	idby mode		N/A
	air conditioners and comfort fans shall correspond to	Off mode		-		Power mode	consumption condition shall	of equipment in not exceed 0,5	any off- i0 W.	
	requirements as indicated in Table 7 below, calculated in accordance with Annex II.					conditi or prov mere i	ower consumption providing o viding only a re ndication of en ot exceed 0,50	nly a reactivati activation func abled reactivat	on function, tion and a	
		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 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.			provide off another e applicable or off mode ipment is	
		Power manag	Power management 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 main power source. The power management function shall be activated before delivery.				e main g product(s) squipment tended use, , or a similar ter the ropriate for , or — off a does not mption andby mode the mains			
3	Product information requirements									Р
	(a) From 1 January 2013, as 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									Р
	documentation of the product; (ii) free access websites of manufacturers of air conditioners and comfort fans;									

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ause	Requirement - Test	Result - Remark	Verdic
	•		
	(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.		P
	(c) Information requirements for air conditioners, except double duct and single duct air conditioners.	See appendix	Р
	(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. Manufacturer shall provide information as detailed in the table 2	See appendix	N/A
	(e)Information requirements for comfort fans.	Air conditioner	N/A
Annex II	Measurements and calculation	ons	Р
Annex III	Verification procedure for ma	arket surveillance purposes	Р
Annex IV	Benchmarks		P
		Benchmarks for air conditioners Air conditioners, excluding double duct and single duct conditioners Double duct air conditioner Single duct air conditioner SEER SCOP EER COP EER COP 8,50 5,10 3,00(*) 3,15 3,15(*) 2,60 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.	N/A



NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825

Clause

Requirement - Test

Result - Remark

Verdict

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	Ρ
	(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	Ρ
	(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	Ρ
	(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	Ρ
	(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	Ρ
	(f) instructions for use are made available	Р

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lause	Requirement - Test	Result - Remark	Verdic
	(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.		P
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+, 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+++ Colder:A+	Р

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

Test result of part load according to EN 14825:

Calculation of SEER in cooling mode:

Full lo	Full load (Pdesignc): 3500 W Tdesignc: 35°C Tested Voltage: 230V Frequency: 50Hz							
Test item	Indoor DB/WB(℃)	Outdoor DB/WB(℃)	Ptest (W)	Tested EER	Cd			
А		35/-	3536	5.06	0,25			
В	27/19	30/-	2562	7.15	0,25			
С	27/19	25/-	1624	9.89	0,25			
D		20/-	20/- 886		0,25			
		Psb= Poff =4.573 W	/; Pck= 0 W; Pto=3.49	3 W, Q _{HE} = 142 kWh/a				
	Те	st SEER		8,603				
	Decla	ared SEER		8,5				
	Test SEER	≥Declared SEER		Pass				
The c	alculation meth	nod of SEER acoording to	o the clause 6 of EN148	325:2016				
Accor	rding table 1 o	of NO 626/2011, the res	sult efficency classes	: A+++				

Calculation of SCOP in heating mode:

Full load	d (Pdesignh): 3	500W Tdesignh:	-10 ℃	Climate	e: Average ;	
Tbivale	nt: -7℃; TOL:	-10℃ Tested Volt	age: 230V	Freque	ency: 50Hz	
Test item	Indoor DB(℃)	Outdoor DB/WB(℃)	Ptest(V	v)	Tested COP	Cd
А		-7/-8	3106		3.33	0,25
В		2/1	1940		5.28	0,25
С	20/-	7/6	1259		6.12	0,25
D	20/-	12/11	870		6.49	0,25
E		TOL	4019		2.59	0,25
F		Tbivalent	3106		3.33	0.25
		Psb= Poff =4.573 V	V; Pck= 0 W;	Pto=7.65	50 W, Q _{HE} = 961 kWh/a	
		SCOP			5.101	
	D	eclared SCOP			5.1	
	SCOF	P≥Declared SCOP			Pass	
The cal	culation method	d of SEER acoording to	o the clause 7	of EN148	325:2016	
Accord	ing table 1 of I	NO 626/2011, the re	sult efficency	classes:	: A+++	

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

Calculation of SCOP in heating mode:

Tbivaler	nt: -15°C; TOL:	-30°C Tested Voltag	e: 230V Freque	ency: 50Hz	
Test item	Indoor DB(℃)	Outdoor DB/WB(℃)	Ptest(W)	Tested COP	Cd
А		-7/-8	3106	3.33	0,25
В		2/1	1940	5.28	0,25
С		7/6	1259	6.12	0,25
D	20/-	12/11 870		6.49	0,25
Е		-22/-	3660	2.13	0,25
F		Tbivalent	4203	2.27	0,25
G		-15/-	4203	2.27	0,25
		Psb= Poff =4.573 W	; Pck= 0 W; Pto	=7.650 W, Q _{HE} = 2554 kWh/a	
		SCOP		4.111	
	D	eclared SCOP		4.0	
	SCO	P≥Declared SCOP		Pass	
The calo	culation method	d of SEER acoording to	o the clause 7 of I	EN14825:2016	

Calculation of SCOP in heating mode:

Full load	Full load (Pdesignh): 3600W Tdesignh: 2°C Climate:Warmer ;						
Tbivaler	Tbivalent: 2°C; TOL: 2°C Tested Voltage: 230V Frequency: 50Hz						
Test item	Indoor DB(℃)	Outdoor DB/WB(℃)	Ptest(W)	Tested COP	Cd		
А		/	/	/	0,25		
В		2/1	3760	3.16	0,25		
С	20/-	7/6	2387	5.56	0,25		
D	20/-	12/11	870	6.49	0,25		
E		TOL	3760	3.16	0,25		
F		Tbivalent	3760	3.16	0,25		
		Psb= Poff =4.573 V	V; Pck= 0 W; Pto=7.	650 W, Q _{HE} = 880 kWh/a			
		SCOP		5.730			
	De	eclared SCOP		5.7			
	SCOF	P≥Declared SCOP		Pass			
The cal	culation method	d of SEER acoording to	o the clause 7 of EN1	4825:2016			
Accord	ing table 1 of I	NO 626/2011, the re	sult efficency classe	es: A+++			



	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

Function (indicate if present)				Only for heating mode, if applicable			
Cooling	Y			Average(mandatory)		Y	
Heating		Y		Warmer(if des	signed)	Y	
				Colder(if des	igned)	Y	
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
	Design load				Seasonal effi	ciency	
Cooling	Pdesignc	3.5	kW	Cooling	SEER	8.5	_
Heating/average	Pdesignh	3.5	kW	Heating/average	SCOP/A	5.1	
Heating/warmer	Pdesignh	3.6	kW	Heating/warmer	SCOP/W	5.7	
Heating/colder	Pdesignh	5.0	kW	Heating/colder	SCOP/C	4.0	
Declared capacit temperature 27(19	Declared capacity (*) for cooling, at indoor temperature 27(19) °C and outdoor temperature Tj			Declared energy temperature 27(19			at indoor re Tj
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Tj=3 5℃	Pdc	3.53	kW	Tj=35 ℃	EERd	5.06	
Tj=3 0℃	Pdc	2.56	kW	Tj=30 ℃	EERd	7.15	
Tj=25 ℃	Pdc	1.62	kW	Tj=25 ℃	EERd	9.89	
Tj=20 ℃	Pdc	0.88	kW	Tj=20 ℃	EERd	15.26	
Declared capacity at indoor tem	(*) for heatir perature 20 ° temperature	°C and outdo	season, oor	Declared coefficient of performance(*)/Average season at indoor temperature 20 °C and outdoor temperature Tj			
Tj =-7 ℃	Pdh	3.10	kW	Tj =-7 ℃	COPd	3.33	_
Tj=2 ℃	Pdh	1.94	kW	Tj=2° ℃	COPd	5.28	
Tj=7 ℃	Pdh	1.25	kW	Tj=7 ℃	COPd	6.12	
Tj=12 ℃	Pdh	0.87	kW	Tj=12 ℃	COPd	6.49	—
Tj=operating limit	Pdh	4.01	kW	Tj=operating limit	COPd	2.59	
Tj=bivalent temperature	Pdh	3.10	kW	Tj=bivalent temperature	COPd	3.33	

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

Function (indicate if present)				Only for hea	Only for heating mode, if applicable			
Cooling	Y			Average(mandatory)		Y		
Heating	Y		Warmer(if designed)		Y			
I					signed)	Y	,	
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Declared capacity indoor temperatu				Declared coefficient season, at indoor to te				
Tj=2 ℃	Pdh	3.76	kW	Tj=2℃	COPd	3.16		
Tj=7℃	Pdh	2.38	kW	Tj=7 ℃	COPd	5.56		
Tj=12℃	Pdh	0.87	kW	Tj=12℃	COPd	6.49		
Tj=operating limit	Pdh	3.76	kW	Tj=operating limit	COPd	3.16	_	
Tj=bivalent temperature	Pdh	3.76	kW	Tj=bivalent temperature	COPd	3.16	_	
	Declared capacity (*) for heating/Colder season, at indoor temperature 20 °C and outdoor temperature Ti			Declared coeffic season, at indoor t				
Tj=-7 ℃	Pdh	3.10	kW	Tj = -7℃	COPd	3.33		
Tj=2 ℃	Pdh	1.94	kW	Tj=2℃	COPd	5.28		
Tj =7 ℃	Pdh	1.25	kW	Tj =7 ℃	C-OPd	6.12	_	
Tj=12 ℃	Pdh	0.87	kW	Tj=12 ℃	COPd	6.49		
Tj=operating limit	Pdh	3.66	kW	Tj=operating limit	COPd	2.13	_	
Tj=bivalent temperature	Pdh	4.20	kW	Tj=bivalent temperature	COPd	2.27		
Tj=-15℃	Pdh	4.20	kW	Tj=-15℃	COPd	2.27	_	
Bi	ivalent temper	ature		Operati	ng limit tempe	rature		
Heating/Average	Tbiv	-7	°C	Heating/Average	Tol	-10	°C	
Heating/Warmer	Tbiv	2	°C	Heating/Warmer	Tol	2	°C	
Heating/Colder	Tbiv	-15	°C	Heating/Colder	Tol	-30	°C	
Сус	ling interval c	apacity	1	Cyclin	g interval effic	iency		
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 co- efficient heating (**)	Cdh	0.25		

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

F	unction (in	dicate if present	:)		Only for h	eating mo	de, if applicable	
Cooling Y				Average(mand	atory)	Y	Y	
Heating		Y			Warmer(if desi	gned)	Y	
					Colder(if desig	gned)	Y	
Item	Symbol	Value		Unit	Item	Symbol	Value	Unit
Electric pov		n power modes ve mode'	other th	han	Annual	electricity	consumption	
Off mode	P _{OFF}	0.004573	3	kW	Cooling	Q _{CE}	144	kWh/a
Standby mode	P _{SB}	0.004573	3	kW	Heating/Average	Q _{HE}	961	kWh/a
Thermostat- off mode	P _{TO}	0.00349/0.00765		kW	Heating/Warmer	Q _{HE}	884	kWh/a
Crankcase heater mode	Р _{ск}	0		kW	Heating/Colder	Q _{HE}	2625	kWh/a
Capacity c	ontrol (indi	cate one of thre	e optio	ns)		Other ite	ems	
fixed		Ν			Sound power level (indoor/outdoor)	L _{WA}	58/62	dB(A)
staged		Ν			Global warming potential	GWP	675	kgCO ₂ eq.
variable		Y			Rated air flow (indoor/outdoor)	_	(800/2400)	m³/h
Contact de	tails for ob informatio	taining more n	West	Jinji R	ic Appliances Inc. o d, Qianshan, Zhuha erzsykt@cn.gree.c	ai, Guangd	ong, China, 519	070

(*) 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.

(**) 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.

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--