

Test Report No.:	port No.: NTRF20250033-1 Page 1 of 19					e 1 of 19
Applicant Name:	Gre	e Electric Appl	iances	Inc. of Zhuha	ai	
	Wes	t Jinji Rd, Qians	shan, Z	huhai, Guango	dong, China, 519070)
Test item:	Mult	i-Split Air Condi	itioner			
Identification:	Outo	door unit			Serial No.:	Engineering
	GW	HD(24)NK6SO				sample
	Indd	Inddor unit				
	GW	H12AVDXE-K6I	DN**A/	l x2		
(**represent design code of different front panel;first*=A-Z,second*=1-9)						
Receipt No.:	Receipt No.: RZ00059129 Date of receipt: 2025.3.10					2025.3.10
Testing location: Gree Electric Appliances Inc. of Zhuhai						
West Jinji Rd, Qianshan, Zhuhai, Guangdong, China, 519070)	
Test specification	n: Com	nmission Regula	ation (E	(U) No 206/20	12	
	Com	nmission Delega	ated Re	gulation (EU)	No 626/2011	
	EN ⁻	14825:2016				
	EN ·	14511-2,3:2013				
	EN '	12102-1:2017				
Test Result:	 Th	e test items pa	assed	the test spec	ification(s).	
Testing Laborato	ory: Test	ing Center of G	ree Ele	ectric Appliance	es Inc. of Zhuhai	
tested by:			re	eviewed by:		
2023.3.26	Tao Yun		2023.3.26 Lu Zhibin			
Date	Name/Position	Signature		Date	Name/Position	Signature
Other Aspects:			<u>I</u>			l 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.

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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 Indoor models are indeticial with each other except the panels. All the tests were performed on the model GWHD(24)NK6SO+GWH12AVDXE-K6DNA1A/I x2 as representive.

The samples are engineering samples without serial numbers.

Test item particulars	
Class of temperature	T1
Type	Multi-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	2025.2.15
Date (s) of performance of tests	2025.2.15-2025.2.18

General remarks

- > This appliance is split type air conditioner, which consist of one outdoor unit and three indoor units.
- > 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.

Model list:

Model	Compressor model	Indoor fan motor	Outdoor fan motor
GWHD(24)NK6SO	QXFS-B221zX070S		B-LW60R-ZL(10P)
GWH12AVDXE-K6DN**A/I		FN45B-ZL(10P)	

Note:



Rating labels and marking: Match table:

Whole model	Indoor unit	Outdoor unit
	GWH12AVDXE-K6DN**A/I x2	GWHD(24)NK6SO

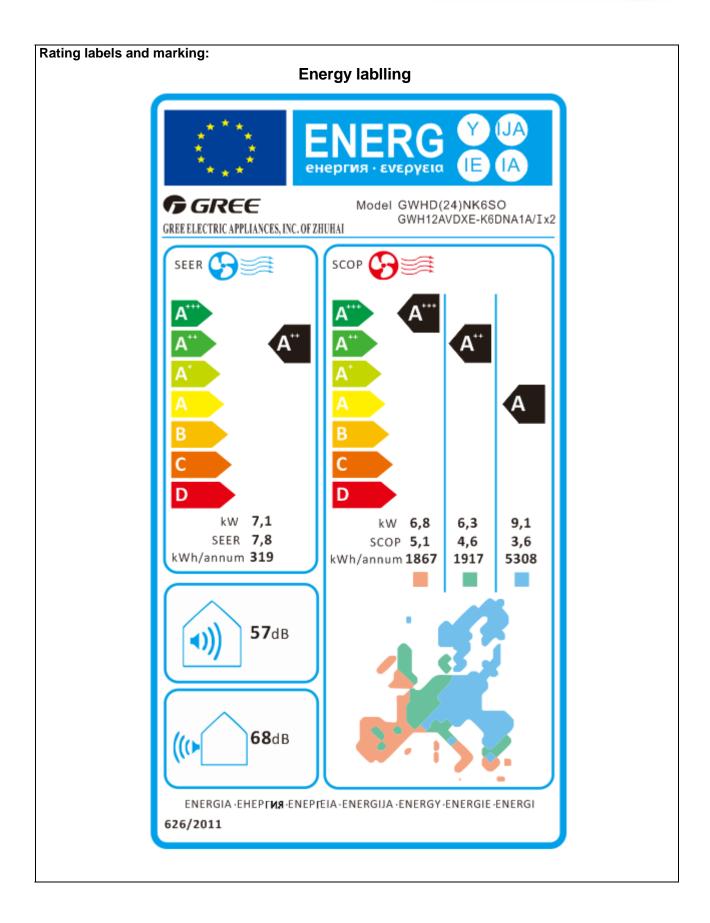
The artwork below may be only a draft.

The labels of other GWH12AVDXE-K6DN**A/I are indetical to the representive model GWH12AVDXE-K6DNA1A/I as below except for the model name.

	GR		
SPLIT AIR CON Model	DITION G	VER INDOOF WH12AVDXE-K	R UNIT [6DNA1A/I
Rated Voltage 22	20-240V~ H	Heating Capacity	3.81kW
Rated Frequency	50Hz A	Air Flow Volume	$960 \mathrm{m}^3/\mathrm{h}$
Cooling Capacity	3.52kW V	Weight	15kg
Sound Pressure Level(H)	42dB(A) U	JV-C lamp 1	2VDC, 2W
	YYY.MM S	Serial No.	
GREE ELECTRIC APPLIANC	CES,INC.OF ZE	HUHAI	
Add: West Jinji Rd. Oianshan, Zhuha	Cuanadana Chir	60000	04089538

G GRE	E
AIR CONDITIONER OUTI	OOOR UNIT
	D(24)NK6SO
Rated Voltage	220-240V~
Rated Frequency	50Hz
Climate Type	T1
Cooling Capacity	7.10kW
Heating Capacity	7.10kW
Cooling Power Input	1900W
Heating Power Input	2000W
Cooling Rated Input	3600W
Heating Rated Input	3600W
Maximum Allowable Pressure	4.3MPa
Operating Pressure	
(Discharge Side/Suction Side)	4.3/2.5MPa
Sound Pressure Level	58dB(A)
Moisture Protection	IPX4
Isolation	I
Refrigerant	R32
Refri. Charge	2.00kg
Weight	53kg
GWP	675
CO2 equivalent	1.35tonnes
Manufactured Date	YYYY.MM
Serial No.	
GREE ELECTRIC APPLIANCES, I	NC. OF ZHUHAI
CEZ	ade in China
0598	
60000	4091145
Add: West Jinji Rd, Qianshan, Zhuhai, Guan	

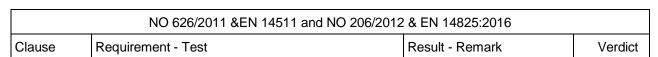




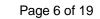


GREE KAP

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	COMMISSIO	N REGULATIO	ON (EU) No	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 conditione Rated capacit					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	Definitions For the purposes of 2009/125/EC of the European F					ctive	-
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	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 7 timex 1, point 2(a).	providing only a reactivation function and a mere		condition providing only a reactivation function, or providing only a reactivation function and a mere indication of enabled reactivation function, shall not			
				on or status nation of			
		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	‹ ›		
		<u> </u>					1



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GREE KAP

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

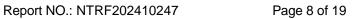
		Requirements	s for maxi	mum pow	er consun	nption in off-r	node and stan	dby mode		N/A													
		Off mode					consumption condition shall			14/7													
	From 1 January 2014, single duct and double duct air conditioners and comfort fans					conditi or prov mere i	ower consumpt ion providing or viding only a re ndication of en- lot exceed 0,50	nly a reactivation activation function abled reactivation	on function, tion and a														
	shall correspond to requirements as indicated in Table 7 below, calculated in accordance with Annex II.	cianasy mode				conditi display reactiv	ower consumpt ion providing or y, or providing or ration function a y, shall not exce	nly information only a combina and information	or status tion of														
		Availability of s	standby an	d/or off mo	ode	inappr mode conditi power and/or	ment shall, excoopriate for the is and/or standby on which does consumption restandby mode cted to the mail	intended use, p mode, and/or not exceed the equirements for when the equi	orovide off another e applicable or off mode ipment is														
		Power management				function are no shall, offer a function shorted the introduced shorted the introduced shorted shorted the introduced shorted s	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 minimum energy efficiency						Р															
	From 1 January 2013: (a) air conditioners, except single and double duct air				SEER	SC	SCOP (Average heating season)		on)														
except		If GWP of ref > 150	rigerant		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 refrigerant ≤ 150 3,24				3,06																	
air conditioners	points 3(a), 3(b), 3(c); (b) single ducts and double ducts shall correspond to	Requirements for maxin				aximum soui	imum sound power level			Р													
	requirements as indicated in	Ra	ted capac	ity≪6KW	•		6 <rated capacity≤12kw<="" td=""></rated>																
	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	or sound r level in B(A)	powe	or sound er level in IB(A)	Outdoor power I dB(evel in														
	3(a), 3(b), 3(e).	3(a), 3(b), 3(e).	3(a), 3(b), 3(e).	3(a), 3(b), 3(e).	3(a), 3(b), 3(e).	3(a), 3(b), 3(e).	3(a), 3(b), 3(e).	3(a), 3(b), 3(e).	3(a), 3(b), 3(e).	3(a), 3(b), 3(e).	3(a), 3(b), 3(e).	3(a), 3(b), 3(e).	3(a), 3(b), 3(e).	3(a), 3(b), 3(e).	60			65		65	7(0	
	From 1 January 2014: (a) air			litioners, e and single litioners	except duct	minimum ene Double duct conditioners	air	Single duct conditioners		Р													
	conditioners shall correspond to ecodesign requirements as		SEER	sea	(heating ison: rage)	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		.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														



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5011 NO.: NTN1 202410241	rage / or 19	
NO 626/2011 &EN 1451	1 and NO 206/2012 & EN 14825:	2016

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.	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				
	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 off- mode and standby mode and for maximum sound power level	P			





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 ai	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			umption of equipmental not exceed 1,00		
requirements on standby and off mode as indicated in Table 2 below. The requirements on minimum energy efficiency and maximum sound power shall relate to the standard rating conditions specified in	Standby mode		condition pr providing or indication of	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.		
	Standby mode		condition pr display, or p reactivation	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.		
Annex II, Table 2.	Availability of stand	by and/or off mode	for the inten standby mo not exceed requirement	ided use, provide of de, and/or another the applicable powers to for off mode and/ quipment is connect	condition which does er consumption or standby mode	
		Indoor sour	nd power leve	el in dB(A)		
			65			
(b) From 1 January 2013, air	Requirements for minimum energy efficiency					Р
conditioners, except single		SEER	SCO	OP (Average heating	g season)	'
and double duct air conditioners, shall correspond to minimum energy efficiency	If GWP of refrigerar 150	nt > 3,60		3,40		
and maximum sound power level requirements as	If GWP of refrigerar 150	nt ≤ 3,24		3,06		
indicated in Tables 4 and 5 below, calculated in		Requirements	for maximum sound	power level		Р
accordance with Annex II. The	Rated ca	apacity≤6KW	6<	6 <rated capacity≤12kw<="" td=""><td></td></rated>		
requirements on energy efficiency shall take into account the reference design	Indoor sound power level in dB(A)	Outdoor sound pow level in dB		evel in po	utdoor sound ower level in B(A)	
conditions specified in Annex II, Table 3 using the 'Average'	60	65	6	65	70	
heating season where applicable. The requirements on sound power shall relate to	Sound power 1:2017 Indoor: 57 (result accor	ding to EN	12102-	
the standard rating conditions specified in Annex II, Table 2	Outdoor: 68	` '				



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

	(a) From 4 Ion 0044			Requirements for	or minimum en	erav efficiency			
	(c) From 1 January 2014, air			itioners, except and single duct	Double duct	air	Single duct conditioners		N/A
	conditioners shall correspond to requirements as indicated	air conditio			conditioners	· I	conditioners	,	
	in the table below, calculated		SEER	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	-,	2,	_,-,-	_,	_,,,,	.,	
	and double duct air		1	l	1	I	1	1	
1	conditioners shall relate to the								
1	standard rating conditions								
	specified in Annex II, Table 2.								1
	(d) From 1 January 2014,								N/A
	single duct and double duct	Requirement	s for maxin	num power consu	mption in off-	node and star	ndby mode		
	air conditioners and comfort	Off mode				consumption condition shall			
	fans shall correspond to				-				
	requirements as indicated in Table 7 below, calculated in				condit	ower consumpt ion providing o	nly a reactivati	on function,	
	accordance with Annex II.	Standby mode			mere	or providing only a reactivation function and a mere indication of enabled reactivation function, shall not exceed 0,50 W.			
	accordance with Annex II.				shall r				
						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.				ition of			
						ment shall, exc			
					mode	opriate for the and/or standby	mode, and/or	another	
		Availability of	standby and	d/or off mode	power	ion which does consumption r	equirements for	or off mode	
						standby mode cted to the mai			
					When	equipment is r	ot providing th	e main	
					function	on, or when oth	er energy- usir	ng product(s)	
					shall,	unless inapprop power manag	priate for the in	tended use,	
					function	on, that switche	s equipment a	fter the	
		Power manag	ement		the int	st possible per ended use of the	ne equipment,		
					mode	atically into: — or — another	condition which	n does not	
					excee	d the applicable ements for off r	e power consu node and/or st	mption andby mode	
						the equipment source. The p			
					shall b	e activated be	fore delivery.		
	Droduct information								1
3	Product information								Р
-	requirements								1
	(a) From 1 January 2013, as								Р
1	regards air conditioners and comfort fans, the information								
	set out in points below and								
1	calculated in accordance with								
	Annex II shall be provided on:								
	(i) the technical								
1	documentation of the product;								
	(ii) free access websites of								
	manufacturers of air								
1	conditioners and comfort fans;								
L									1



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	NO 626/2011 &EN 14	1511 and NO 206/20	12 & EN 14825:2016	
lause	Requirement - Test		Result - Remark	Verdict
	(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 pu	rposes	Р
Annex IV	Benchmarks	Renc	nmarks for air conditioners	Р
		Air conditioners,	Double duct air Single duct	

excluding double

SEER SCOP

conditioner is GWP \leq 20.

duct and single duct conditioners conditioner

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

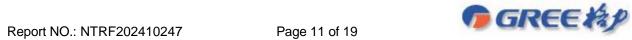
(*) based on efficiency of evaporatively cooled single duct air conditioners.

conditioner

COP

2,60

EER



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

	COMMISSION DELEGATED REGULATION	DN (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		Э
	 (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 (c) technical documentation as set out in Annex 		P
	V is made available electronically on request to the authorities of the Member States and to the Commission		



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NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825:2016				
Clause	Requirement - Test	Result - Remark	Verdict	
	(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		P	
	(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		P	
	(f) instructions for use are made available (g) single ducts shall be named 'local air conditioners' in packaging, product documentation and in any advertisement material, whether electronic or in paper.		P 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	



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	NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825:2016				
Clause	Requirement - Test	Result - Remark	Verdict		
	(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: Average: A++ Warmmer:A+++ Colder: A	Р		



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

i_			
		I	Ι
5	The format of the label for double duct air		N/A
	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.		
Annex I	Definitions		
	The definition same to EN14825:2016 & NO		Р
	206/2012		
Annex II	Energy efficiency classes		Р
	Energy efficiency classes for air conditioners,	See energy lable	Р
	except double ducts and single ducts.		
	Energy efficiency classes for double ducts and		N/A
	single ducts.		
Annex II	Energy label	See the page 3	Р
	L .		



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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	:):7100 W; Td	esignc: 35℃	Tested Voltage: 230V	Frequency: 50Hz
Test	Indoor				
item	DB/WB(℃)	Outdoor DB/WB($^{\circ}$ C)	Ptest (W)	Tested EER	Cd
Α		35/-	7159	3.74	0,25
В	27/19	30/-	5292	5.71	0,25
С	27/19	25/-	3460	10.27	0,25
D		20/-	2704	13.76	0,25
		Psb= Poff =6.47 W	; Pck= 0 W; Pto=	1.93W, Q _{CE} =318kWh/a	
	Te	st SEER		7.824	
	Decla	ared SEER		7.8	
	Test SEER≥Declared SEER Pass				
The c	The calculation method of SEER according to the clause 6 of EN14825:2016				
Acco	rding table 1 o	of NO 626/2011, the res	sult efficency class	es: A++	

Calculation of SCOP in heating mode:

Full loa	Full load (Pdesignh): 6300 W Tdesignh: -10℃ Climate: Average ;						
Tbival	ent: -7℃; TO	L: -10℃ Test	ed Voltage: 230\	Frequency: 50	Hz		
Test item	Indoor DB(℃)	Outdoor DB/WB(°ℂ)	Ptest(w)	Tested COP	Cd		
Α		-7/-8	5668	2.88	0,25		
В		2/1	3506	4.83	0,25		
С	20/-	7/6	2193	5.44	0,25		
D	20/-	12/11	1584	6.85	0,25		
Е		TOL	5341	2.74	0,25		
F		Tbivalent	5668	2.88	0,25		
		Psb= Poff=6.47W;	Pck= 0 W; Pto=	16.88 W, Q _{нE} = 1916kWh/а			
		SCOP		4.603			
	De	eclared SCOP		4.6			
	SCOF	P≥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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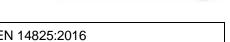
NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825:2016						
Clause	Requirement - Test	Result - Remark	Verdict			

Full load (Pdesignh): 6800 W			designh: 2 ℃	Climate: Warme	er ;		
Tbival	lent: 2℃;	TOL: 2℃ T	ested Voltage: 230V	Frequency: 50h	·lz		
Test	Indoor	Outdoor	D((/w/)	Taskadoop	Cd		
item	DB(℃)	DB/WB(℃)	Ptest(w)	Tested COP	Ca		
Α		-7/-8	-	-	0,25		
В		2/1	6876	2.35	0,25		
С	20/-		4390	4.59	0,25		
D	20/-	12/11	1984	6.45	0,25		
Е		TOL	6876	2.35	0,25		
F		Tbivalent	6876	2.35	0,25		
		Psb= Poff=6.47W;	Pck= 0 W; Pto=16.8	8 W, Q _{HE} = 1859 kWh/a			
		SCOP		5.120			
		Declared SCOP		5.1			
	SC	OP≥Declared SCOP		Pass			
The cal	culation met	nod of SEER acoording	to the clause 7 of EN1	4825:2016			
The calculation method of SEER according to the clause 7 of EN14825:2016 According table 1 of NO 626/2011, the result efficency classes: A+++							

Full loa	ıd (Pdesignh):	9100 W Tde	signh: -22℃	Climate: Colder	;		
Tbival	ent: -8℃; TO	L: -22℃ Test	ed Voltage: 230V	Frequency: 50Hz	Z		
Test	Indoor	Outdoor	Ptest(w) Tested COP		Cd		
item	DB(℃)	DB/WB(°C)	i lesi(w)	r ested COP	Ou		
Α		-7/-8	5668.	2.84	0,25		
В		2/1	3506.	4.77	0,25		
С		7/6	2193	5.34	0,25		
D	20/-	12/11	1584	6.65	0,25		
E		TOL	5762	1.69	0,25		
F		Tbivalent	5825	2.81	0,25		
G		-15/-	7260	2.05	0,25		
		Psb= Poff=6.47W;	Pck= 0 W; Pto=16.88	s W, Q _{HE} = 5279kWh/a			
		SCOP		3.620			
	De	eclared SCOP		3.6			
	SCOF	P≥Declared SCOP		Pass			
The cal	culation method	d of SEER acoording to	the clause 7 of EN148	325:2016			
According table 1 of NO 626/2011, the result efficency classes: A							



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NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825:2016						
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(mandatory)		Υ	
Heating	Υ			Warmer(if des	signed)	Y	
				Colder(if desi	igned)	Υ	
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
	Design load				Seasonal eff	iciency	
Cooling	Pdesignc	7.1	kW	Cooling	SEER	7.8	_
Heating/average	Pdesignh	6.3	kW	Heating/average	SCOP/A	4.6	_
Heating/warmer	Pdesignh	6.8	kW	Heating/warmer	SCOP/W	5.1	_
Heating/colder	Pdesignh	9.1	kW	Heating/colder	SCOP/C	3.6	_
•	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	7.10	kW	Tj=35℃	EERd	3.70	_
Tj=30°C	Pdc	5.29	kW	Tj=30℃	EERd	5.70	_
Tj=25℃	Pdc	3.46	kW	Tj=25℃	EERd	10.26	_
Tj=20°C	Pdc	2.70	kW	Tj=20℃	EERd	13.75	_
Declared capacity at indoor tem	` '	C and outdo		Declared coefficie at indoor temperat	•	` ,	
Tj=-7℃	Pdh	5.60	kW	Tj=-7℃	COPd	2.87	_
Tj=2℃	Pdh	3.50	kW	Tj=2℃	COPd	4.83	_
Tj=7℃	Pdh	2.19	kW	Tj=7°C	COPd	5.44	_
Tj=12℃	Pdh	1.58	kW	Tj=12℃	COPd	6.85	_
Tj=operating limit	Pdh	5.34	kW	Tj=operating limit	COPd	2.73	_
Tj=bivalent temperature	Pdh	5.60	kW	Tj=bivalent temperature	COPd	2.87	_



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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 he	eating mode,	if applicable	e	
Cooling		Y		Average(ma	Y			
Heating		Υ		Warmer(if de	esigned)	Y	Υ	
				Colder(if de	signed)	Y	,	
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Declared capacity indoor temperature	` '	_		Declared coeffic season, at indoor	-	20 °C and		
Tj=2℃	Pdh	6.80	kW	Tj=2℃	COPd	2.34	_	
Tj=7°C	Pdh	4.39	kW	Tj=7℃	COPd	4.58	_	
Tj=12℃	Pdh	1.98	kW	Tj=12℃	COPd	6.45	_	
Tj=bivalent temperature	Pdh	6.80	kW	Tj=bivalent temperature	COPd	2.34	_	
Tj=operating limit	Pdh	6.80	kW	Tj=operating limit	COPd	2.34	_	
Declared capacity indoor temperature	• •	•		Declared coefficient of performance(*)/Colder season, at indoor temperature 20 °C and outdoor temperature Tj				
Tj=-7℃	Pdh	5.60	kW	Tj=-7℃	COPd	2.83	_	
Tj=2℃	Pdh	3.50	kW	Tj=2℃	COPd	4.76	_	
Tj=7℃	Pdh	2.19	kW	Tj=7℃	COPd	5.33	_	
Tj=12℃	Pdh	1.58	kW	Tj=12℃	COPd	6.65	_	
Tj=operating limit	Pdh	5.76	kW	Tj=operating limit	COPd	1.69	_	
Tj=bivalent temperature	Pdh	5.83	kW	Tj=bivalent temperature	COPd	2.81		
Tj=-15℃	Pdh	7.26	kW	Tj=-15℃	COPd	2.05	_	
Biv	alent tempe	rature		Operat	ing limit tem	perature		
Heating/Average	Tbiv	-7	$^{\circ}$	Heating/Average	e Tol	-10	$^{\circ}$	
Heating/Warmer	Tbiv	2	$^{\circ}$	Heating/Warmer	r Tol	2	$^{\circ}$	
Heating/Colder	Tbiv	-8	$^{\circ}$	Heating/Colder Tol -22			$^{\circ}$	
Cycli	ng interval o	capacity		Cycling interval efficiency				



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

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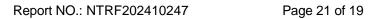
NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825:2016						
Clause	Requirement - Test	Result - Remark	Verdict			

F	unction (in	dicate if present)			Only for	heating r	node, if applicable	
Cooling	Y				Average(mandatory)		Υ	
Heating		Υ			Warmer(if desi	gned)	Υ	
					Colder(if design	gned)	Υ	
Item	Symbo	Value		Uni t	Item	Symbo	Value	Unit
Electric pov	•	n power modes ot	her th	nan	Annu	al electric	ity consumption	
Off mode	Poff	0.00811		kW	Cooling	QCE	319	kWh/
Standby mode	P _{SB}	0.00811		kW	Heating/Averag e	Qне	1917	kWh/ a
Thermostat	Рто	0.00193/0.01688 kV		kW	Heating/Warme r	Qне	1867	kWh/ a
Crankcase heater mode	Рск	0 kV		kW	Heating/Colder	Qне	5308	kWh/ a
Capacity c	ontrol (ind	icate one of three	optio	ns)		Other	items	
fixed		N			Sound power level (indoor/outdoor)	Lwa	57/68	dB(A)
staged		N			Global warming potential	GWP	1350	kgCO 2 eq.
variable	Y			Rated air flow (indoor/outdoor)		960*2/3800	m³/h	
Contact d	information West Jir				LECTRIC APPLIANCES INC. OF ZHUHAI ji Rd, Qianshan, Zhuhai, Guangdong, China, 519070 greerzsykt@cn.gree.com			

^(*) 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'.

^(**) 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.





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

--End of report--