E.ON tölti ki:
☐☐☐_☐☐☐☐

e·on | Hálózat

Betétlap „H" árszabás igényléséhez

Igénybejelentő (szerződő) neve: _____

Igénybejelentő (szerződő) felhasználó azonosító: ☐☐☐☐☐☐☐☐☐☐

1. Hőszivattyúk

Az áramkörre csatlakoztatott berendezések műszaki adatlapjának, illetve a berendezés energiacímkéjének másolatát kérjük csatolja igénybejelentéséhez. ☐ A műszaki adatlap, és energiacímke másolatát átvettem (Ügyfélszolgálat tölti!)

2. Hőszivattyú azonosítása

Hőszivattyú gyártója: Gree Electric Appliances Inc. of Zhuhai

Hőszivattyú típusa: CWH18YD-K6DNA1A/O + CWH18YD-K6DNA2A/I

Azonos típusú készülékek száma: ☐ 1 db ☐ több, éspedig _____ db

3. Hőszivattyú villamos paraméterei

Hőszivattyú villamos csatlakozása: ☒ 1 fázis ☐ 3 fázis

Hőszivattyú névleges fűtőteljesítménye (kW): 5,57

Hőszivattyú névleges villamos teljesítmény felvétele (kW): 1,428

Indítási áramerősség mérséklésének módja: ☐ Lágyindító ☒ Inverter ☐ Nincs

Névleges üzemi áramerősség (A): 6 Maximális áramerősség (A): 11

Gyártó által javasolt biztosító áramértéke, karakterisztikája: C16

Kiegészítő villamos fűtés teljesítménye (kW): _____

Kiegészítő villamos fűtés villamos csatlakozás szempontjából különválasztható? ☐ Igen ☐ Nem

Kiegészítő villamos fűtés fogyasztásának számított részaránya a teljes hőszivattyús rendszer éves villamos-energia-fogyasztásához viszonyítva (%): (amennyiben nem választható külön) _____

4. Hőszivattyú üzeme

Rendszer felhasználása: ☐ Hűtés ☒ Fűtés ☐ Használati meleg víz

Hőforrás: ☐ Talajszonda ☐ Talajkollektor ☐ Vízkút ☒ Levegő ☐ Egyéb: _____

Hőátadó közeg: ☐ Víz ☒ Levegő ☐ Egyéb: _____ SCOP (szezonális jósági fok): 4.10

5. Egyéb közlendő:

Kivitelező neve: _____

Kivitelező címe: _____

Kivitelező telefonszáma: _____

Kivitelező e-mail címe: _____

Kijelentem, hogy a közölt adatok a valóságnak megfelelnek.

Alulírott, mint a belső villamos hálózat kivitelezője kijelentem, hogy a külön mért felhasználói áramkörre (H tarifás áramkör) állandó jelleggel, megfelelő segédeszköz (szerszám) hiányában állagsérelem nélkül nem leválasztható módon, nem dugaszolhatóan kerülnek csatlakoztatásra a H tarifával ellátható berendezések. Más berendezés a H tarifás áramkörre nem csatlakoztatható.

A kivitelezést, a vonatkozó jogszabályi előírásoknak, műszaki biztonsági követelményeknek megfelelően végeztem el.

_____
Kivitelező aláírása

_____
Érkezett

_____
Iktatási szám

_____
Felhasználó azonosító

_____
Felhasználási hely száma

_____
Ügyintéző

Elosztói engedélyesek elérhetőségei

Telefonos ügyfélszolgálat
Lakossági ügyfelek
h, k, cs, p 8.00-18.00
sz 8.00-20.00
Üzleti ügyfelek
h-p 7.30-20.00

Áram ügyintézés
Lakossági ügyfelek
T: 06 52/ 512 400
M: 06 20/30/70 45 99 600
Üzleti ügyfelek
T: 1423

Levélcímünk (lakossági és üzleti)
7602 Pécs, Pf. 197

www.eon.hu
aramhalozat@eon.hu

20_HTB_1-3_01

Kitöltési útmutató – betétlap „H" árszabás igényléséhez

1. Hőszivattyúk

A H tarifás mérésről üzemeltetett hőszivattyúk villamos adatlapjait kell csatolni, berendezés típusonként. Az adatlapok tartalmazzák a berendezés villamos adatait: névleges felvett villamos teljesítmény, maximális felvett villamos teljesítmény, névleges üzemi áramerősség és maximális áramerősség.

2. Hőszivattyú azonosítása

Hőszivattyú gyártója: A hőszivattyút gyártó cég neve, vagy a készülék márkája
Hőszivattyú típusa: A hőszivattyút pontos típusa, pl.: ABC12D-E3

Azonos típusú készülékek felszerelése esetén csak egy adatlapot kell kitölteni, a pontos darabszámot meg kell jelölni. Ha a darabszám mező nincs kitöltve, alapértelmezetten 1 darab készülékre határozzuk meg az engedélyezendő értéket. Több különböző készülék (azonos gyártótól eltérő típusok is) esetén külön adatlap kitöltése szükséges.

3. Hőszivattyú villamos paraméterei

Hőszivattyú névleges fűtőteljesítménye (kW): A hőszivattyú által leadott hőenergia kW-ban kifejezve.
Hőszivattyú névleges villamos teljesítmény felvétele (kW): A hőszivattyú által a hálózatból felvett villamos teljesítmény.
Névleges áramerősség (A): A hőszivattyú által névleges üzemállapot során felvett áram.
Maximális áramerősség (A): A hőszivattyú által maximális áramerősség.

4. Hőszivattyú üzeme

SCOP érték (szezonális jósági fok): teljes fűtési szezonra vonatkozóan adja meg az éves fűtési energia igény és a befektetett energia hányadosát. Elvárt minimális értéke: 3,4, amely az SCOP címkézési rangsorban az A+++, A++, A+, és A energiaosztálynak felel meg.

COP meghatározás:

- Levegő – levegő: A2 / A20
- Levegő – víz: A2 / W35
- Talajkollektor – víz: B_ / W_
- Talajszonda – víz: B_ / W_
- Víz – víz: W_ / W_
- Egyéb: _ / _

A COP nem egyenlő az EER, SEER, SCOP értékekkel!

5. Egyéb közlendő:

Pl. : Teljesítménybővítés esetén a már meglévő és üzemelő berendezések gyártója(márkája) és típusa.

Tec

Split-type Inverter

Sr No	Parameter		Unit	Value
1	Model		--	GWH18YD-K6DNA2A(预留干触点+冷等离子+WIFI+四面扫风+香槟纹理+右侧方形显示+LCLH)
2	Product Code		--	CB466001306
3	Power Supply	Rated Voltage	V～	220-240
4		Rated Frequency	Hz	50
5		Phases	--	1
6	Power Supply Mode		--	Outdoor
7	Cross-sectional Area of Power Cable Conductor		mm^2	1.50
8	Recommended Power Cable(Core)		N	3
9	Min/Max. Voltage		V	198/264
10	Cooling Capacity		W	5300
11	Cooling Capacity		Btu/h	18084
12	Min. Cooling Capacity		W	1260
13	Min. Cooling Capacity		Btu/h	4299
14	Max. Cooling Capacity		W	6600
15	Max. Cooling Capacity		Btu/h	22519
16	Pdesignc		kW	5.30
17	Heating Capacity		W	5570
18	Heating Capacity		Btu/h	19005
19	Min. Heating Capacity		W	1120
20	Min. Heating Capacity		Btu/h	3821
21	Max. Heating Capacity		W	6800
22	Max. Heating Capacity		Btu/h	23202
23	Pdesignh(Average)		kW	4.50
24	Pdesignh(Warmer)		kW	4.60
25	Pdesignh(Colder)		kW	6.40
26	Cooling Power Input		W	1550
27	Min. Cooling Power Input		W	380
28	Max. Cooling Power Input		W	2450
29	Heating Power Input		W	1428
30	Min. Heating Power Input		W	350
31	Max. Heating Power Input		W	2600
32	Cooling Current		A	6.9
33	Heating Current		A	6.3
34	Rated Input		W	2600

35	Rated Current		A	10.9
36	Rated Heating Current		A	11.5
37	Max. Over Current Protection		A	/
38	Min. Current（MCA）		A	/
39	Starting Current		A	5
40	EER		W/W	3.42
41	EER		(Btu/h)/w	11.67
42	COP		W/W	3.90
43	COP		(Btu/h)/w	13.31
44	R		--	/
45	SEER		--	7.60
46	HSPF		--	/
47	SCOP(Average)		--	4.10
48	SCOP(Warmer)		--	5.20
49	SCOP(Colder)		--	3.40
	AEER			/
	ACOP			/
50	APF		W/W	/
51	Energy Class		--	A++<Cooling>/A+<Average>/A+++<Warmer>/A<Colder>
52	Air Flow Volume		m^3/h	850/750/610/520
53	Air Flow Volume		CFM	500/441/359/306
54	Dehumidifying Volume		L/h	1.80
55	Dehumidifying Volume		PINT/D	3.80
56	Application Area		m^2	23-34

Date: Aug.21th, 2023

Declaration Of Confirmity For CE-Mark

Model:

GREE model	CASCADE model	PRODUCT code
GWH12QC-K6DNB6F	CWH12VN-K6DNB6F	CB435014100_X89793
GWH18QD-K6DNB6I	CWH18QD-K6DNB6I	CB435014201_X89793
GWH09QB-K6DNB6E	CWH09VWP-K6DNB6E	CB435009600_X68441
GWH12QC-K6DNB6D	CWH12VWP-K6DNB6D	CB435009400_X68441
GWH09AAA-K6DNA5A	CWH09AAA-K6DNA5A	CB488003200_X89791
GWH12AAB-K6DNA5B	CWH12AAB-K6DNA5B	CB488003300_X89791
GWH18AAD-K6DNA5E	CWH18AAD-K6DNA5E	CB488003901_X89791
GWH18YD-K6DNA2A	CWH18YD-K6DNA2A	CB466001306_X68076
GWHD(14)NK6OO	CWHD14NK6OO	CB228W14300_X89795
GWHD(18)NK6OO	CWHD18NK6OO	CB228W14500_X89795
GWHD(24)NK6OO	CWHD24NK6OO	CB228W14600_X89795
GWH09QC-K6DNB6F/I	CWH09VN-K6DNB6F/I	CB435N14000_X89793
GWH18QD-K6DNB6I/I	CWH18VN-K6DNB6F/I	CB435N14200_X89793
GKH(12)EB-K6DNA5A/I	CKH12EB-K6DNA5A/I	CN51000290_X89795
GKH(18)EB-K6DNA5A/I	CKH18EB-K6DNA5A/I	CN51000280_X89795

Year of Manufacture: 2022
Standards, to which Conformity Is Declared

LVD : EN 60335-1:2012 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + A2:2019
EN 60335-2-40: 2003 + A11:2004 + A12:2005 + A1:2006 + A2:2009 + A13:2012
EN 62233:2008

EMC : EN55014-1: 2006+A1:2009+A2:2011
EN55014-2: 2015
EN61000-3-2: 2014
EN61000-3-3: 2013

ERP: EN 14825:2016
EN 14511-2,3:2013
EN 12102-1:2017

Commission Regulation (EU) No 206/2012
Commission Delegated Regulation (EU) No 626/2011
ROHS Directive No.(EU)65/2011
EN 50581：2012
EN 62321：2009

Manufacturer's Name: GREE ELECTRIC APPLIANCES, INC. of ZHUHAI
Manufacturer's Address: JinJi West Rd. Qianshan Zhuhai,China.

Importer's Name : FRIOTECH LTD.
Importer's Address: H-2040 BUDAORS,VASUT SR.9
We, GREE Electric Appliances Inc. of Zhuhai, hereby declare that the products specified above conform to the above mentioned directives and standards.

Test Report No.:	*NTRF20180142*		*Page 1 of 17*
Applicant Name:	**Gree Electric Appliances Inc. of Zhuhai** West Jinji Road, Qianshan, Zhuhai, Guangdong 519070, P.R.China		
Test item:	Split Air Conditioner		
Identification:	GWH18YD-K6DN**A (**represent design code of different front panel;first*=A-Z,second*=1-9)	*Serial No.:*	Engineering sample
Receipt No.:	RZ00331493	*Date of receipt:*	2018.8.5
Testing location:	**Gree Electric Appliances Inc. of Zhuhai** West Jinji Road, Qianshan, Zhuhai, Guangdong 519070, P.R.China		
Test specification:	Commission Regulation (EU) No 206/2012 Commission Delegated Regulation (EU) No 626/2011 EN 14825:2016 EN 14511-2,3:2013 EN 12102-1:2017		
Test Result:	*The test items passed the test specification(s).*		
Testing Laboratory:	Testing Center of Gree Electric Appliances Inc. of Zhuhai		

tested by:				*reviewed by:*			
	Date	*Name/Position*	*Signature*		*Date*	*Name/Position*	*Signature*

Other Aspects:

Abbreviations:
P(ass) = passed
F(ail) = failed
N/A = not applicable
N/T =not tested

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

Summary of testing

1. The appliance was tested according to EN 14511.
2. The SEER and SCOP were calculated according to EN14825.
3. All the models are indeticial with each other except the panels.All the tests were performedon the model GWH18YD-K6DNA1A as representive.
4. The samples are engineering samples without serial numbers.

Test item particulars.....:	
Class of temperature	T1
Type .....:	Split Air Conditioner
Degree of protection	Indoor unit:IPX0 Outdoor unit:IPX4
Supply Connection.....:	Type Y attachment
Possible test case verdicts:	
- test case does not apply to the test object.....:	N/A
- test object does meet the requirement.....:	P(Pass)
- test object does not meet the requirement.....:	F(Fail)
Testing.....:	
Date of receipt of test item.....:	2018.8.5
Date (s) of performance of tests.....:	2018.8.5-2018.8.20

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).
- Cooling and heating modes are applied by reverse cycle method. In the heating mode, defrost operation may be applied.
- The indoor unit is equipped with an infrared wireless battery powered remote control unit.

Critical components:

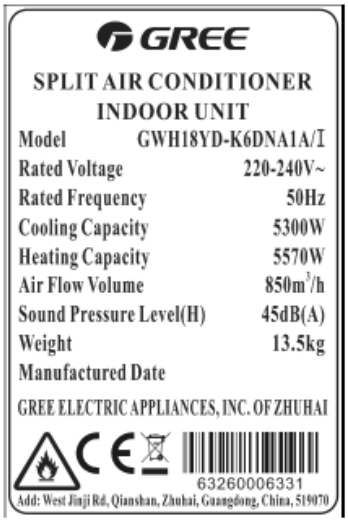
Model	Compressor model	Indoor fan motor	Outdoor fan motor
GWH18YD-K6DN**A	QXF-B141ZF030A	FN60B-ZL	LW60M-ZL

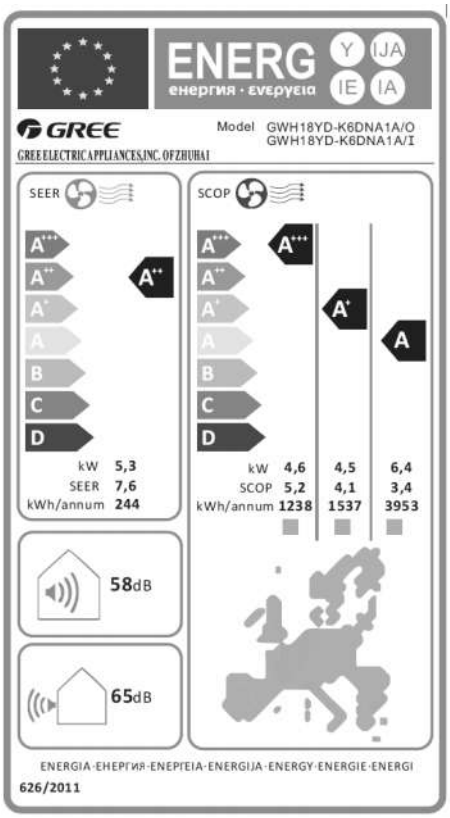
NO 626/2011 &EN 14511 and NO 206/2012 & EN 14825			
Clause	Requirement - Test	Result - Remark	Verdict

Rating labels and marking:
Match table:

Whole model	Indoor unit	Outdoor unit
GWH18YD-K6DN**A	GWH18YD-K6DN**A/I	GWH18YD-K6DNA1A/O
(**represent design code of different front panel;first*=A-Z,second*=1-9)		

The artwork below may be only a draft.
The labels of other GWH18YD-K6DN**A are indetical to the representive model GWH18YD-K6DNA1A as below except for the model name.





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

COMMISSION REGULATION (EU) No 206/2012			
Article 1	Subject matter and scope		P
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 ⩽12 kW	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 this Regulation, the definitions in Article 2 of Directive 2009/125/EC of the European Parliament and of the Council shall apply.		-
Article 3	Ecodesign requirements and timetable		P
1	The ecodesign requirements for air conditioners and comfort fans are set out in Annex I.		P
2	Each ecodesign requirement shall apply in accordance with the following timetable:	See table 1	P
single duct and double duct air conditioners	From 1 January 2013: single duct and double duct air conditioners shall correspond to requirements as indicated in Annex I, point 2(a).	<table><tr><td></td><td colspan="2">Double duct air conditioners</td><td colspan="2">Single duct air conditioner</td></tr><tr><td></td><td>EER rated</td><td>COP rated</td><td>EER rated</td><td>COP rated</td></tr><tr><td>If GWP of refrigerant >150</td><td>2,40</td><td>2,36</td><td>2,40</td><td>1,80</td></tr><tr><td>If GWP of refrigerant ≤150</td><td>2,16</td><td>2,12</td><td>2,16</td><td>1,62</td></tr></table>	N/A
		<table><tr><td>Off mode</td><td>Power consumption of equipment in any off-mode condition shall not exceed 1,00 W.</td></tr><tr><td rowspan="2">Standby mode</td><td>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.</td></tr><tr><td>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.</td></tr><tr><td>Availability of standby and/or off mode</td><td>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.</td></tr></table> <table><tr><td>Indoor sound power level in dB(A)</td></tr><tr><td>65</td></tr></table>	N/A

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

	From 1 January 2014, single duct and double duct air conditioners and comfort fans shall correspond to requirements as indicated in Table 7 below, calculated in accordance with Annex II.	**Requirements for maximum power consumption in off-mode and standby mode** Off mode: Power consumption of equipment in any off-mode condition shall not exceed 0,50 W. 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 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 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. 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 mains power source. The power management function shall be activated before delivery.	N/A
except single and double duct air conditioners	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 shall correspond to requirements as indicated in Annex I, points 3(a), 3(b), 3(d); (c) comfort fans shall correspond to requirements as indicated in Annex I, points 3(a), 3(b), 3(e).	**Requirements for minimum energy efficiency** If GWP of refrigerant > 150: SEER 3,60; SCOP (Average heating season) 3,40 If GWP of refrigerant ≤ 150: SEER 3,24; SCOP (Average heating season) 3,06	P
		Requirements for maximum sound power level Rated capacity≤6KW: Indoor sound power level in dB(A) 60; Outdoor sound power level in dB(A) 65 6<Rated capacity≤12KW: Indoor sound power level in dB(A) 65; Outdoor sound power level in dB(A) 70	P

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

	From 1 January 2014: (a) air conditioners shall correspond to ecodesign requirements as indicated in Annex I, point 2(c); (b) single duct and double duct air conditioners shall correspond to requirements as indicated in Annex I, point 2(d).	Requirements for minimum energy efficiency Air conditioners, except double and single duct air conditioners: SEER; SCOP(heating season: Average) Double duct air conditioners: EER rated; COPrated Single duct air conditioners: EERrated; COPrated If GWP of refrigerant > 150 for < 6 kW: 4,60; 3,80; 2,60; 2,60; 2,60; 2,04 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	P
3	Compliance with ecodesign requirements shall be measured and calculated in accordance with requirements set out in Annex II.		P
Article 4	Conformity assessment		P
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.		P
2	For the purposes of conformity assessment pursuant to Article 8 of Directive 2009/125/EC, the technical documen-tation file shall contain the results of the calculation set out in Annex II to this Regulation.		P
Article 5	Verification procedure for market surveillance purposes		P
	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.		P
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		-

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

	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		P
	1. This Regulation shall enter into force on the 20th day following its publication in the Official Journal of the European Union. 2. It shall apply from 1 January 2013.		P
Annex I	Ecodesign requirements		P
1	Definitions applicable for the purposes of the annexes		P
2	Requirements for minimum energy efficiency, maximum power consumption in off-mode and standby mode and for maximum sound power level		P
	(a) From 1 January 2013, single duct and double duct air conditioners shall correspond to requirements as indicated in Tables 1, 2 and 3 below, calculated in accordance with Annex II. Single duct and double duct air conditioners and comfort fans shall fulfil the 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 Annex II, Table 2.		N/A

	Double duct air conditioners		Single duct air conditioner	
	EER rated	COP rated	EER rated	COP rated
If GWP of refrigerant >150	2,40	2,36	2,40	1,80
If GWP of refrigerant ≤150	2,16	2,12	2,16	1,62

N/A

Off mode	Power consumption of equipment in any off-mode condition shall not exceed 1,00 W.
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	Equipment shall, except where this is inappropriate for the intended use, provide off mode and/or standby mode, and/or another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when the equipment is connected to the mains power source.

Indoor sound power level in dB(A)
65

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

	(b) From 1 January 2013, air conditioners, except single and double duct air conditioners, shall correspond to minimum energy efficiency and maximum sound power level requirements as indicated in Tables 4 and 5 below, calculated in accordance with Annex II. The requirements on energy efficiency shall take into account the reference design conditions specified in Annex II, Table 3 using the 'Average' heating season where applicable. The requirements on sound power shall relate to the standard rating conditions specified in Annex II, Table 2	**Requirements for minimum energy efficiency** SEER: If GWP of refrigerant > 150: 3,60; If GWP of refrigerant ≤ 150: 3,24 SCOP (Average heating season): If GWP of refrigerant > 150: 3,40; If GWP of refrigerant ≤ 150: 3,06	P
		Requirements for maximum sound power level Rated capacity≤6KW: Indoor sound power level in dB(A): 60; Outdoor sound power level in dB(A): 65 6<Rated capacity≤12KW: Indoor sound power level in dB(A): 65; Outdoor sound power level in dB(A): 70 Sound power level test result according to EN 12102-1:2017: Indoor: 58 dB(A) Outdoor: 65 dB(A)	P
	(c) From 1 January 2014, air conditioners shall correspond to requirements as indicated in the table below, calculated in accordance with Annex II. The requirements on energy efficiency for air conditioners, excluding single and double duct air conditioners, shall relate to the reference design conditions specified in Annex II, Table 3 using the 'Average' heating season where applicable. The requirements on energy efficiency for single and double duct air conditioners shall relate to the standard rating conditions specified in Annex II, Table 2.	Requirements for minimum energy efficiency	N/A

	Air conditioners, except double and single duct air conditioners		Double duct air conditioners		Single duct air conditioners	
	SEER	SCOP(heating season: Average)	EER rated	COPrated	EERrated	COPrated
If GWP of refrigerant > 150 for < 6 kW	4,60	3,80	2,60	2,60	2,60	2,04
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

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

<table>
<tr><td></td><td>(d) From 1 January 2014, single duct and double duct air conditioners and comfort fans shall correspond to requirements as indicated in Table 7 below, calculated in accordance with Annex II.</td><td>
Requirements for maximum power consumption in off-mode and standby mode
<table>
<tr><td>Off mode</td><td>Power consumption of equipment in any off-mode condition shall not exceed 0,50 W.</td></tr>
<tr><td rowspan="2">Standby mode</td><td>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.</td></tr>
<tr><td>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.</td></tr>
<tr><td>Availability of standby and/or off mode</td><td>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.</td></tr>
<tr><td>Power management</td><td>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.</td></tr>
</table>
</td><td>N/A</td></tr>
<tr><td>3</td><td>Product information requirements</td><td></td><td>P</td></tr>
<tr><td></td><td>(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 documentation of the product; (ii) free access websites of manufacturers of air conditioners and comfort fans;</td><td></td><td>P</td></tr>
<tr><td></td><td>(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.</td><td></td><td>P</td></tr>
<tr><td></td><td>(c) Information requirements for air conditioners, except double duct and single duct air conditioners.</td><td>See appendix</td><td>P</td></tr>
</table>

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

	(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 calculations		P
Annex III	Verification procedure for market surveillance purposes		P
Annex IV	Benchmarks		P
		Benchmarks for air conditioners Air conditioners, excluding double duct and single duct conditioners: SEER 8,50; SCOP 5,10 Double duct air conditioner: EER 3,00(*); COP 3,15 Single duct air: EER 3,15(*); CO 2,6 Benchmark for level of GWP of the refrigerant used in the air conditione 20. (*) based on efficiency of evaporatively cooled single duct air conditione	N/A

COMMISSION DELEGATED REGULATION (EU) No 626/2011			
Article 3	Responsibilities of suppliers		P
1	Suppliers shall take action as described in points (a) to (g)		-
	(a) a printed label is provided for each air conditioner respecting energy efficiency classes as set out in Annex II. The label shall comply with the format and content of information as set out in Annex III. For air conditioners, except single and double duct air conditioners, a printed label must be provided, at least in the packaging of the outdoor unit, for at least one combination of indoor and outdoor units at capacity ratio 1. For other combinations, the information can be alternatively provided on a free access web site		P
	(b) a product fiche, as set out in Annex IV, is made available. For air conditioners, except single and double duct air conditioners, a product fiche must be provided at least in the packaging of the out door unit, for at least one combinationof indoor and outdoor units at capacity ratio 1. For other combinations, the information can be alternatively provided on a free access web site		P
	(c) technical documentation as set out in Annex V is made available electronically on request to the authorities of the Member States and to the Commission		P
	(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		P
	(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.		P
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:		P
	(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;	Cooling mode:A++ Heating mode: Warmmer: A+++ Average: A+ Colder: A	P
	(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.		N/A
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 EN14825:2013 & NO 206/2012		P
Annex II	Energy efficiency classes		P
	Energy efficiency classes for air conditioners, except double ducts and single ducts.	See energy lable	P
	Energy efficiency classes for double ducts and single ducts.		N/A
Annex II	Energy label	See the page 3	P

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 load (Pdesignc):5300 **W**		**Tdesignc: 35**℃		**Tested Voltage: 230V**	**Frequency: 50Hz**
Test item	Indoor DB/WB(℃)	Outdoor DB/WB(℃)	P_{test}（W）	Tested EER	Cd
A	27/19	35/-	5533	3.59	0,25
B		30/-	3818	5.43	0,25
C		25/-	2517	8.55	0,25
D		20/-	1644	16.98	0,25
Psb= Poff =1.844W; Pck= 0W; Pto=9.049W, Q_{CE}=243 kWh/a					
Test SEER		7.645			
Declared SEER		7.6			
Test SEER≥Declared SEER		Pass			
The calculation method of SEER acoording to the clause 6 of EN14825:2016					
According table 1 of NO 626/2011, the result efficency classes: A++					

Calculation of SCOP in heating mode:

Full load (Pdesignh):4500**W**		**Tdesignh: -10**℃		**Climate:** Average	
Tbivalent: -7℃ ; **TOL**: -10℃		**Tested Voltage: 230V**		**Frequency: 50Hz**	
Test item	Indoor DB(℃)	Outdoor DB/WB(℃)	P_{test}(W)	Tested COP	Cd
A	20/-	-7/-8	3985	2.75	0,25
B		2/1	2428	4.16	0,25
C		7/6	1561	5.15	0,25
D		12/11	1342	5.78	0,25
E		TOL	3269	2.44	0,25
F		Tbivalent	3985	2.75	0.25
Psb= Poff=1.844W; Pck= 0W; Pto=13.51W, Q_{HE}=1543 kWh/a					
SCOP		4.102			
Declared SCOP		4.1			
SCOP≥Declared SCOP		Pass			
The calculation method of SCOP acoording to the clause 7 of EN14825:2016					
According table 1 of NO 626/2011, the result efficency classes: A+					

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

Calculation of SCOP in heating mode:

Full load (Pdesignh):6400**W**		**Tdesignh: -22**℃		**Climate:** Colder	
Tbivalent: -9℃ ; **TOL**: -22℃		**Tested Voltage: 230V**		**Frequency: 50Hz**	
Test item	Indoor DB(℃)	Outdoor DB/WB(℃)	P_{test}(W)	Tested COP	Cd
A	20/-	-7/-8	3985	2.75	0,25
B		2/1	2361	4.89	0,25
C		7/6	1516	5.34	0,25
D		12/11	1342	5.78	0,25
E		TOL	2640	1.83	0,25
F		Tbivalent	4220	2.08	0.25
G		-15/-	4260	1.90	0.25
Psb= Poff=1.844W; Pck= 0W; Pto=13.51W, Q_{HE}= 3939kWh/a					
SCOP			3.412		
Declared SCOP			3.4		
SCOP≥Declared SCOP			Pass		
The calculation method of SCOP acoording to the clause 7 of EN14825:2016					
According table 1 of NO 626/2011, the result efficency classes: A					

Calculation of SCOP in heating mode:

Full load (Pdesignh):4600**W**		**Tdesignh: 2**℃		**Climate:** Warmer	
Tbivalent: 2℃ ; **TOL**: 2℃		**Tested Voltage: 230V**		**Frequency: 50Hz**	
Test item	Indoor DB(℃)	Outdoor DB/WB(℃)	P_{test}(W)	Tested COP	Cd
A	20/-	/	/	/	0,25
B		2/1	4610	3.39	0,25
C		7/6	2962	5.06	0,25
D		12/11	1342	5.75	0,25
E		TOL	4610	3.39	0,25
F		Tbivalent	4610	3.39	0.25
Psb= Poff=1.844W; Pck= 0W; Pto=13.51W, Q_{HE}=1238 kWh/a					
SCOP			5.201		
Declared SCOP			5.2		
SCOP≥Declared SCOP			Pass		
The calculation method of SCOP acoording to the clause 7 of EN14825:2016					
According table 1 of NO 626/2011, the result efficency classes: 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 designed)		Y	
				Colder(if designed)		Y	
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Design load				Seasonal efficiency			
Cooling	Pdesignc	5.3	kW	Cooling	SEER	7.60	—
Heating/average	Pdesignh	4.5	kW	Heating/average	SCOP/A	4.10	—
Heating/warmer	Pdesignh	4.6	kW	Heating/warmer	SCOP/W	5.20	—
Heating/colder	Pdesignh	6.4	kW	Heating/colder	SCOP/C	3.40	—
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=35℃	Pdc	5.53	kW	Tj=35℃	EERd	3.59	—
Tj=30℃	Pdc	3.81	kW	Tj=30℃	EERd	5.43	—
Tj=25℃	Pdc	2.52	kW	Tj=25℃	EERd	8.55	—
Tj=20℃	Pdc	1.64	kW	Tj=20℃	EERd	16.98	—
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	3.99	kW	Tj=-7℃	COPd	2.75	—
Tj=2℃	Pdh	2.43	kW	Tj=2℃	COPd	4.16	—
Tj=7℃	Pdh	1.56	kW	Tj=7℃	COPd	5.15	—
Tj=12℃	Pdh	1.34	kW	Tj=12℃	COPd	5.78	—
Tj=operating limit	Pdh	3.27	kW	Tj=operating limit	COPd	2.44	—
Tj=bivalent temperature	Pdh	3.99	kW	Tj=bivalent temperature	COPd	2.75	—

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

Function (indicate if present)				Only for heating mode, if applicable			
Cooling	Y			Average(mandatory)		Y	
Heating	Y			Warmer(if designed)		Y	
				Colder(if designed)		Y	
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	4.61	kW	Tj=2℃	COPd	3.39	—
Tj=7℃	Pdh	2.96	kW	Tj=7℃	COPd	5.06	—
Tj=12℃	Pdh	1.34	kW	Tj=12℃	COPd	5.75	—
Tj=operating limit	Pdh	4.61	kW	Tj=operating limit	COPd	3.39	—
Tj=bivalent temperature	Pdh	4.61	kW	Tj=bivalent temperature	COPd	3.39	—
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	3.99	kW	Tj=-7℃	COPd	2.75	—
Tj=2℃	Pdh	2.36	kW	Tj=2℃	COPd	4.89	—
Tj=7℃	Pdh	1.52	kW	Tj=7℃	C-OPd	5.34	—
Tj=12℃	Pdh	1.34	kW	Tj=12℃	COPd	5.78	—
Tj=operating limit	Pdh	2.64	kW	Tj=operating limit	COPd	1.83	—
Tj=bivalent temperature	Pdh	4.22	kW	Tj=bivalent temperature	COPd	2.08	—
Tj=-15℃	Pdh	4.26	kW	Tj=-15℃	COPd	1.90	—
Bivalent temperature				Operating limit temperature			
Heating/Average	Tbiv	-7	℃	Heating/Average	Tol	-10	℃
Heating/Warmer	Tbiv	2	℃	Heating/Warmer	Tol	2	℃
Heating/Colder	Tbiv	-9	℃	Heating/Colder	Tol	-22	℃
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 co-efficient heating (**)	Cdh	0.25	—

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

Function (indicate if present)				Only for heating mode, if applicable			
Cooling	Y			Average(mandatory)		Y	
Heating	Y			Warmer(if designed)		Y	
				Colder(if designed)		Y	
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
Off mode	P_{OFF}	0.001844	kW	Cooling	Q_{CE}	244	kWh/a
Standby mode	P_{SB}	0.001844	kW	Heating/Average	Q_{HE}	1537	kWh/a
Thermostat-off mode	P_{TO}	0.009049/0.01351	kW	Heating/Warmer	Q_{HE}	1238	kWh/a
Crankcase heater mode	P_{CK}	0	kW	Heating/Colder	Q_{HE}	3953	kWh/a
Capacity control (indicate one of three options)				Other items			
fixed	N			Sound power level (indoor/outdoor)	L_{WA}	58/65	dB(A)
staged	N			Global warming potential	GWP	675	$kgCO_2$ eq.
variable	Y			Rated air flow (indoor/outdoor)	—	850/3200	m^3 /h

Contact details for obtaining more information on the setting of the unit	**Gree Electric Appliances Inc. of Zhuhai** **Jinji West Road, Qianshan, Zhuhai, Guangdong 519070, P.R.China** **Email：greerzsykt@gree.com.cn**

(*) 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--

TTK14.V1

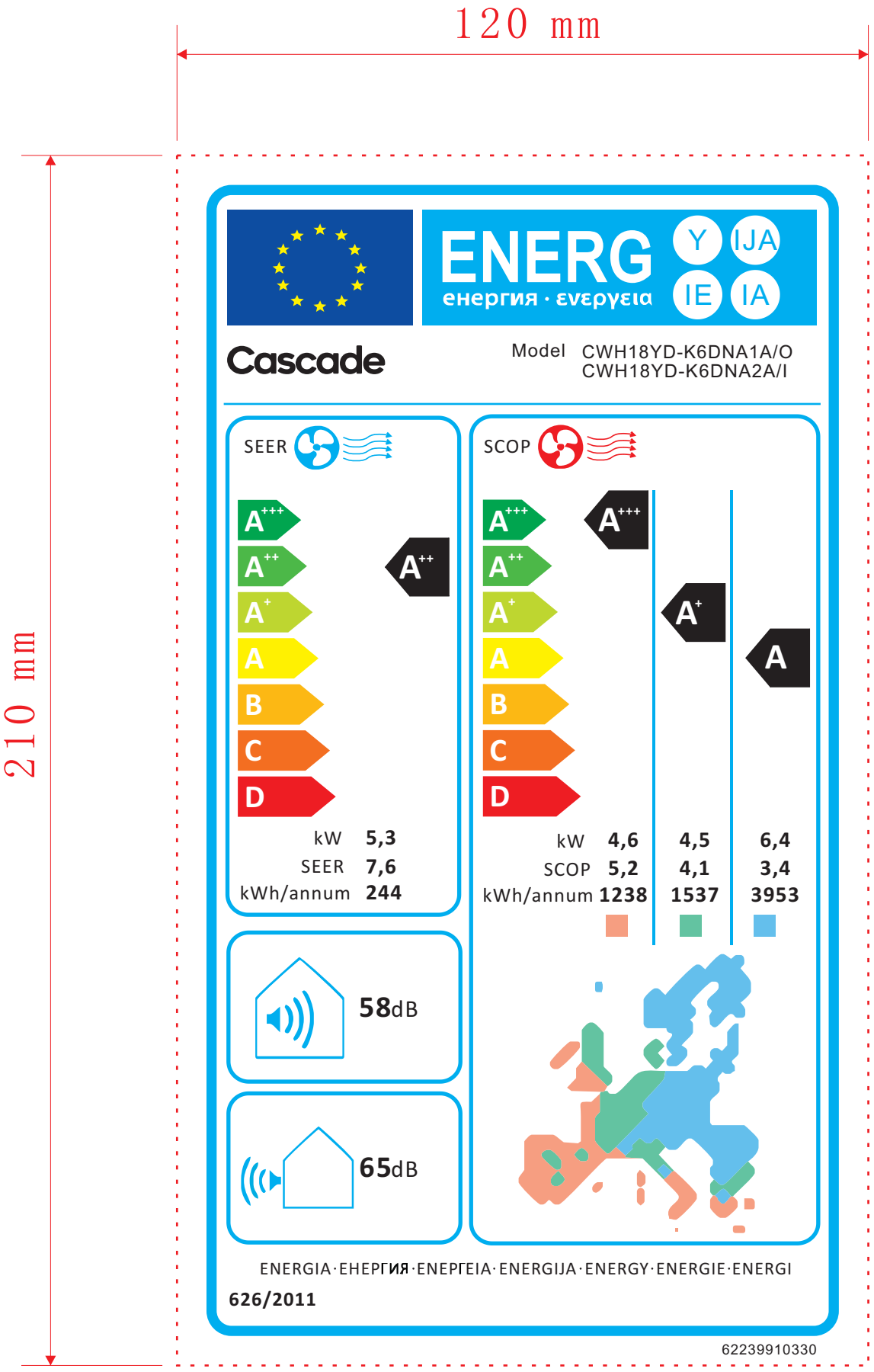
发放单位			
质控		钣金	
生产		喷塑	
采购		注塑	
空四		两器	
空六		管路一	
试制		管路二	
控制		模具	
家技		筛选	
家研		巴西	
空一		重庆	
空二		商技	
空三		小家电	
空五			

是否属于客户化物料	
是	√
否	

使用范围	
通用	
出口	√
内销	

借通用登记

物料状态			
钣金		注塑	
喷塑		喷涂	
两器		丝印	
管路		控制	
机加件		预装	
采购	√		



技术要求:

1、外围尺寸：120mmX210mm,红色虚线为成品裁切线;

2、颜色要求：CMYK(C-青、M-洋红、Y-黄、K-黑）;

最高级: C100 M0 Y100 K0; 第二级: C70 M0 Y100 K0; 第三级: C30 M0 Y100 K0; 第四级: C0 M0 Y100 K0; 第五级: C0 M30 Y100 K0; 第六级: C0 M70 Y100 K0; 第七级: C0 M100 Y100 K0;EU logo:C100 M80 Y0 K0和C0 M0 Y100 K0;风扇及外框:C100 M0 Y0 K0及C0 M100 Y100 K0;

EU map:C0 M46 Y46 K0 ;C59 M0 Y47 K0;C54 M08 Y0 K0;商标：黑色。

3、材料要求符合ROHS指令,其他参照欧盟能源标签指令《(EU) NO 626-2011》;

4、字体和符号严格按照图示比例生产;

5、性能要求符合QJ/GD 41.12.001<不干胶印刷品检验规范>;

6、背面涂不干胶,粘贴到被粘物料上应牢固,且不能发生卷边现象;

7、未标注尺寸公差按GB/T 1804-c执行;

8、要求单张来料,每张离型纸上一张贴纸,离型纸左右留边必须在2-10mm内。

机加件		预装								
采购	√									
会 签				标记	处数	分区	更改文件号		签 名	日 期
				编制	朱龙利		230116	标准化		
				审核				数据审核		
				工艺				审定		
				会签				批准		

材料及厚度:	GREE
80g铜版纸不干胶	
客户名称 出口匈牙利FRIOTECH客户	能源标签(带胶)

图样标记	质量	比例	物料编码:
		1:1	62239910330
共 页 第 页			