

<b>TEST REPORT</b> <b>EN14825:2022</b>	
<b>Report Number</b> .....:	GDKA20240918004
<b>Date of issue</b> .....:	18 Sep,2024
<b>Total number of pages</b> .....:	8
<b>Tested by (name+signature)</b> .....:	HE RI LANG <span style="float: right; margin-right: 20px;">何日朗</span>
<b>Approved by (name+signature)</b> .....:	CHEN GANG QUAN <span style="float: right; margin-right: 20px;">陈钢权</span>
	
<b>Applicant's name</b> .....:	HISENSE (GUANGDONG) AIR CONDITIONING Co., Ltd.
<b>Address</b> .....:	No. 8 HISENSE ROAD, ADVANCED MANUFACTURING JIANGSHA DEMONSTRATION PARK, JIANGMEN CITY, GUANGDONG PROVINCE, P.R.CHINA
<b>Standard</b> .....:	EN14825:2022 COMMISSION REGULATION EU No 626:2011 COMMISSION REGULATION EU No 2016/2282 COMMISSION REGULATION EU No 2017/254 COMMISSION REGULATION EU No 2023/2048
<b>Test item description</b> .....:	Split type air-Conditioner (Room Air Conditioner)
<b>Trade Mark</b> .....:	Hisense
<b>Manufacturer</b> .....:	HISENSE (GUANGDONG) AIR CONDITIONING Co., Ltd.
<b>Model/Type reference</b> .....:	REA70IN KC2, REA70OUT1 KC2
<b>Ratings</b> .....:	220-240V~, 50Hz, R32, IPX4 for outdoor unit,
Rev.01: New	

**List of Attachments (including a total number of pages in each attachment):**

1.Photo document 2.Hisense Europe Model Name

**Summary of testing:**

The products tested comply with the requirements of EN14825:2022

**Tests performed :**

The appliances comply with the above standards.

**Tests Date:** 2024.09.06-2024.09.18

**Tests Result:** Pass

**Testing location:**

No. 8 HISENSE ROAD, ADVANCED  
MANUFACTURING JIANGSHA DEMONSTRATION  
PARK, JIANGMEN CITY, GUANGDONG PROVINCE  
P.R.CHINA

Pdesign Capacity/SEER Cooling: 6.3KW/6.3

Pdesign Capacity/SCOP Heating(AVERAGE): 5.4KW/4.0

**Test laboratory Information:**

**Name:** Testing Center of Hisense(Guangdong) Air Conditioner Co., Ltd.

**Address:** No. 8 HISENSE ROAD, ADVANCED MANUFACTURING JIANGSHA DEMONSTRATION  
PARK, JIANGMEN CITY, GUANGDONG PROVINCE, P.R.CHINA

**Laboratory Accreditation Certificate:**

Shown on page 3

**Copy of marking plate:**

The artwork below may be only a draft.

MODE		COOLING	HEATING
CAPACITY	W	6300	6800
POWER INPUT (FOR INDOOR UNIT ONLY)	W	52	52
CURRENT (FOR INDOOR UNIT ONLY)	A	0.24	0.24
RATED POWER INPUT (FOR INDOOR UNIT ONLY)	W	75	
RATED CURRENT (FOR INDOOR UNIT ONLY)	A	0.35	
MAX DISCHARGE PRESSURE	MPa	4.15	
MAX SUCTION PRESSURE	MPa	1.6	
SOUND POWER	dB(A)	65	

POWER SUPPLY: 220-240V~/50Hz      AIR FLOW: 1100 m<sup>3</sup>/h  
 ANTI-ELECTRIC SHOCK: CLASS I      REFRIGERANT: SAME AS OUTDOOR'S  
 NET WEIGHT: \*kg      CLIMATE TYPE: T1  
 ELECTRIC CHARACTERISTICS ARE ONLY FOR INDOOR UNIT.

  
**REA70IN KC2**  
 ROOM AIR CONDITIONER





Hisense Corporation

  
**REA70OUT1 KC2**  
 ROOM AIR CONDITIONER





MODE		COOLING	HEATING
CAPACITY	W	6300	6800
POWER INPUT	W	2065	2060
CURRENT	A	9.2	9.2
RATED POWER INPUT	W	3400	
RATED CURRENT	A	15.2	
MAX DISCHARGE PRESSURE	MPa	4.15	
MAX SUCTION PRESSURE	MPa	1.6	
SOUND POWER	dB(A)	68	

POWER SUPPLY: 220-240V~/50Hz      REFRIGERANT: R32/1.32kg  
 ANTI-ELECTRIC SHOCK: CLASS I      NET WEIGHT: 41kg  
 DEGREES OF PROTECTION: IPX4      CLIMATE TYPE: T1  
 MAX PRESSURE OF COIL: 20MPa  
 Contains fluorinated greenhouse gases covered by the Kyoto Protocol  
 GWP:675; 0.891 tonnes CO<sub>2</sub>equivalent

Hisense Corporation



**China National Accreditation Service for Conformity Assessment  
LABORATORY ACCREDITATION CERTIFICATE**  
(Registration No. CNAS L7450 )

**Testing Center of Hisense (Guangdong) Air Conditioner  
Co., Ltd.**

*(Legal Entity: Hisense (Guangdong) Air Conditioner Co., Ltd.)*

No.8, Hisense Road, Advanced Manufacturing Jiangsha Demonstration Park,  
Jiangmen, Guangdong, China

*is accredited in accordance with ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories(CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence to undertake the service described in the schedule attached to this certificate.*

*The scope of accreditation is detailed in the attached schedule bearing the same registration number as above. The schedule forms an integral part of this certificate.*

Effective Date: 2024-02-12

Expiry Date: 2030-02-11

Signed on behalf of China National Accreditation Service for Conformity Assessment

信朝华

China National Accreditation Service for Conformity Assessment (CNAS) is authorized by Certification and Accreditation Administration of the People's Republic of China (CNCA) to operate the national accreditation schemes for conformity assessment. CNAS is a signatory of the International Laboratory Accreditation Cooperation Mutual Recognition Arrangement (ILAC MRA) and the Asia Pacific Accreditation Cooperation Mutual Recognition Arrangement (APAC MRA).  
The validity of the certificate can be checked on CNAS website at <http://www.cnas.org.cn/english/findanaccreditedbody/index.shtml>.

## Test conditions

### 1.1. Rating conditions. Cooling mode

	Test mode	Outdoor heat exchanger		Indoor heat exchanger	
		Inlet dry bulb temperature °C	Inlet wet bulb temperature °C	Inlet water temperature °C	Inlet wet bulb temperature °C
Standard rating conditions	A	35	-	27	19
Part load conditions according the standard EN 14825:2018	B	30	-	27	19
	C	25	-	27	19
	D	20	-	27	19

### 1.2. Rating conditions for air-to-air units. Heating mode

	Test mode	Outdoor heat exchanger		Indoor heat exchanger	
		Inlet dry bulb temperature °C	Inlet wet bulb temperature °C	Inlet water temperature °C	Inlet wet bulb temperature °C
Standard rating conditions	R	7	6	20	-
Part load conditions according the standard EN 14825:2016 for heating season Average	A(A)	-7	-8	20	-
	B(A)	2	1	20	-
	C(A)	7	6	20	-
	D(A)	12	11	20	-
	E(A)	-10 (TOL)	-	20	-
	F(A)*	-7 (Tbiv)	-8	20	-
Part load conditions according the standard EN 14825:2016 for heating season Warmer	B(W)	2 (TOL)	1	20	-
	C(W)	7	6	20	-
	D(W)	12	11	20	-
	F(W)**	2 (Tbiv)	1	20	-
	E(C)	-20 (TOL)	-	20	-
	F(C)***	-10 (Tbiv)	-	20	-

\* To reduce the tests, for Average conditions, is assumed Tbiv=-7°C.

\*\* To reduce the tests, for Warmer conditions, is assumed Tbiv=2°C.

Test Standard 测试标准:	<input checked="" type="checkbox"/> (EU) No 626/2011	<input checked="" type="checkbox"/> (EU) No 206/2012	<input checked="" type="checkbox"/> EN14825	<input checked="" type="checkbox"/> EN 14511	<input checked="" type="checkbox"/> EN 12102	<input type="checkbox"/> Other _____
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<b>requirement: 产品审批要求:</b>	
requirement for rated SEER 额定制冷季节能效比要求 (%)	<input type="text" value="&gt;=100%"/>
requirement for rated SCOP 额定制热季节性能系数要求 (%)	<input type="text" value="&gt;=100%"/>
requirement for Sound Power 声功率要求	<input type="text" value="&lt;=Rated"/>
<input checked="" type="checkbox"/> Inverter Single Split type 变频一拖一分体机 <input type="checkbox"/> On/off Single Split type 定速一拖一分体机 <input type="checkbox"/> Inverter Multisplit type 变频一拖多分体机 <input type="checkbox"/> On/off Multisplit type 定速一拖多分体机	

EU Model: EU型号:		Manufacturer Model: 工厂型号:	AST-24UW4RBT02B
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**Test Result:**

Function (indicate to which function information applies)	If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.
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Cooling	Y	Average (mandatory)	Y
Heating	Y	Warmer (if designated)	Y
		Colder (if designated)	N

Item	Symbol	Rated value	Tested Value	Unit	Item	symbol	Rated value	Tested Value	unit
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Design load					Seasonal efficiency				
cooling	Pdesignc	6.30	6.305	kW	cooling	SEER	6.3	6.30	—
heating/Average	Pdesignh	5.40	5.412	kW	heating/Average	SCOP(A)	4.0	4.01	—
heating/Warmer	Pdesignh	6.00	6.010	kW	heating/Warmer	SCOP(W)	5.1	5.11	—
heating/Colder	Pdesignh	NA	NA	kW	heating/Colder	SCOP(C)	NA	NA	—

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				
Tj = 35 °C	Pdc	6.3	6.315	kW	Tj = 35 °C	EERd	3.05	3.05	—
Tj = 30 °C	Pdc	4.9	4.933	kW	Tj = 30 °C	EERd	4.6	4.66	—
Tj = 25 °C	Pdc	3.0	3.077	kW	Tj = 25 °C	EERd	7.8	7.81	—
Tj = 20 °C	Pdc	2.5	2.584	kW	Tj = 20 °C	EERd	12.5	12.50	—

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 °C	Pdh	4.78	4.786	kW	Tj = -7 °C	COPd	2.40	2.41	—
Tj = 2 °C	Pdh	2.94	2.941	kW	Tj = 2 °C	COPd	3.90	3.90	—
Tj = 7 °C	Pdh	1.97	1.975	kW	Tj = 7 °C	COPd	5.65	5.65	—
Tj = 12 °C	Pdh	1.84	1.847	kW	Tj = 12 °C	COPd	6.90	6.90	—
Tj = operating limit	Pdh	4.49	4.491	kW	Tj = operating limit	COPd	2.50	2.50	—
Tj = bivalent temperature	Pdh	4.78	4.786	kW	Tj = bivalent temperature	COPd	2.40	2.41	—

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 °C	Pdh	3.83	3.831	kW	Tj = 2 °C	COPd	3.40	3.40	—
Tj = 7 °C	Pdh	3.95	3.953	kW	Tj = 7 °C	COPd	4.70	4.71	—
Tj = 12 °C	Pdh	1.84	1.847	kW	Tj = 12 °C	COPd	6.90	6.92	—
Tj = operating limit	Pdh	3.83	3.831	kW	Tj = operating limit	COPd	3.40	3.40	—
Tj = bivalent temperature	Pdh	4.71	4.715	kW	Tj = bivalent temperature	COPd	3.90	3.93	—

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 °C	Pdh	NA	NA	kW	Tj = -7 °C	COPd	NA	NA	—
Tj = 2 °C	Pdh	NA	NA	kW	Tj = 2 °C	COPd	NA	NA	—
Tj = 7 °C	Pdh	NA	NA	kW	Tj = 7 °C	COPd	NA	NA	—
Tj = 12 °C	Pdh	NA	NA	kW	Tj = 12 °C	COPd	NA	NA	—
Tj = bivalent temperature	Pdh	NA	NA	kW	Tj = bivalent temperature	COPd	NA	NA	—
Tj = operating limit	Pdh	NA	NA	kW	Tj = operating limit	COPd	NA	NA	—

Tj = -15 °C	Pdh	NA	NA	kW	Tj = -15 °C	COPd	NA	NA	—
<b>Bivalent temperature</b>					<b>Operating limit temperature</b>				
heating/Average	Tbiv	-7	NA	°C	heating/Average	Tol	-10	NA	°C
heating/Warmer	Tbiv	5	NA	°C	heating/Warmer	Tol	2	NA	°C
heating/Colder	Tbiv	NA	NA	°C	heating/Colder	Tol	NA	NA	°C
<b>Power consumption of cycling</b>					<b>Efficiency of cycling</b>				
cooling	Pcycc	NA	NA	kW	cooling	EERcyc	NA	NA	—
heating	Pcyh	NA	NA	kW	heating	COPcyc	NA	NA	—
Degradation co-efficient cooling (**)	Cdc	0.25	NA	—	Degradation co-efficient heating (**)	Cdh	0.25	NA	—
<b>Electric power input in power modes other than 'active mode'</b>					<b>Seasonal electricity consumption</b>				
off mode	P <sub>OFF</sub>	0.00100	0.00100	kW	cooling	Q <sub>CE</sub>	350	350.3	kWh/a
standby mode	P <sub>SB</sub>	0.00100	0.00100	kW	heating/Average	Q <sub>HE</sub>	1890	1889.5	kWh/a
thermostat-off mode	P <sub>TO</sub>	0.052	0.052	kW	heating/Warmer	Q <sub>HE</sub>	1647	1646.6	kWh/a
crankcase heater mode	P <sub>CK</sub>	NA	NA	kW	heating/Colder	Q <sub>HE</sub>	NA	NA	kWh/a
<b>Capacity control (indicate one of three options)</b>					<b>Other items</b>				
fixed	N				Sound power level (indoor)	LWA	65	64.4	dB(A)
					Sound power level (outdoor)	LWA	68	67.5	dB(A)
staged	N				Global warming potential	GWP	675	NA	kgCO <sub>2</sub> eq.
variable	Y				Rated air flow (indoor/outdoor)	—	—	—	m <sup>3</sup> /h
<b>TEST CONCLUSION: 测试结论</b>									
Are the SEER and SCOP TEST results Compliant or Non-Compliant? SEER/SCOP测试是否符合要求?							Compliant		

何日朗

Tested by ( name + signature)

测试员 (姓名, 签名)

Approved by ( name + signature)

批准人 (姓名, 签名)

## SOUND ACOUSTIC TEST REPORT

MANUFACTURER MODEL:

REA70IN KC2, REA70OUT1 KC2

MANUFACTURER:

Hisense

TEST DATE :

2024.09

Cooling only model 单冷机

Cooling and Heating model 冷暖机

Window type 窗机

Split type 分体机

Portable 移动空调

Dehumidifier 除湿机

### TEST CONDITION:

IDU Background noise:

18dB(A)

Connecting pipe length for split type:

5m

4m

7.5m

other \_\_\_\_\_

### TEST RESULT:

Rated Sound Power dB(A)

Cooling mode

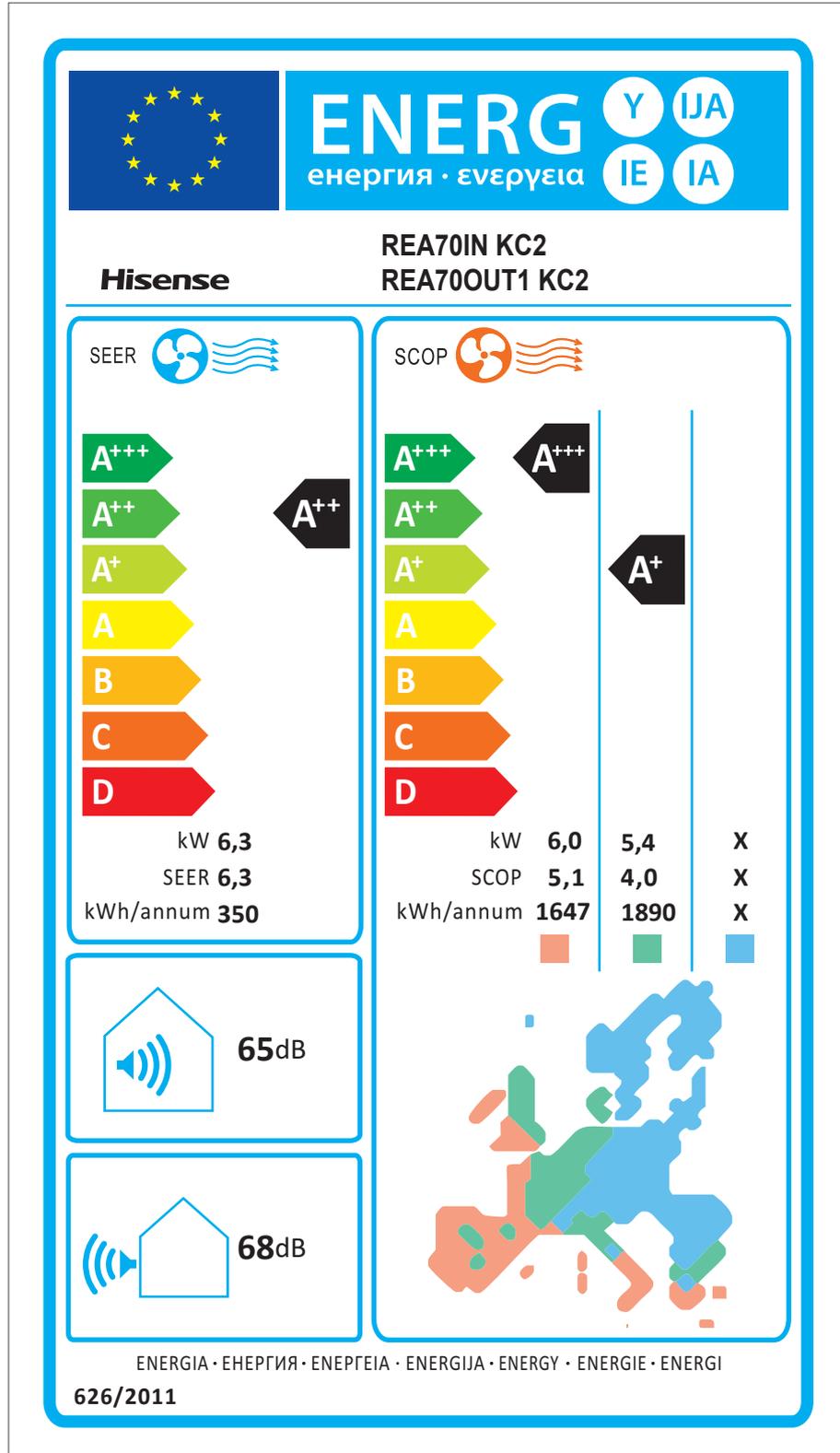
Indoor Unit Sound Power dB(A)

64.4dB(A)

Outdoor Unit Sound Power dB(A)

67.5dB(A)

Rating Label:



## Indoor Unit:



## Outdoor Unit:

