

KANION GROUP CO., LIMITED  
Zhihua Liang  
-  
UNIT 04, 7/F BRIGHT WAY TOWER  
NO.33 MONG KOK ROAD  
999077 KL  
Hong Kong

Our ref. : WJP 05  
Your ref.: L.Z.H

Ref : AN Certificate of Conf. Low Voltage D.

Type of Equipment : Split Type Air Conditioner  
Model Designation : See Certificate  
Certificate No. : AN 50356767 0001  
Report No. : 16078234 001

Dear Zhihua Liang,

We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

With kind regards,

Certification Body

Brenda Fan



Enclosure

证书的详细资料请登陆[www.certipedia.com](http://www.certipedia.com)查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

# C E R T I F I C A T E



of Conformity  
Low Voltage Directive 2014/35/EU

Registration No.: AN 50356767 0001

Report No.: 16078234 001

Holder: KANION GROUP CO.,LIMITED  
UNIT 04, 7/F BRIGHT WAY TOWER  
NO.33 MONG KOK ROAD  
999077 KL  
Hong Kong

Product: Air Conditioner  
(Split Type Air Conditioner)

Identification: KWSM

Serial No. : n.a.

Remark: Refer to test report 16078234 001 for a detailed  
list of the variables x, y, z.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive 2014/35/EU, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

Certification Body



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE



Product Service

# Attestation of Conformity

No. N8A 120351 0001 Rev. 00

**Holder of Attestation:** **Shenzhen Kanion Appliance Co., Limited**  
412, Baoneng Automobile Building  
No.128, Liyuan Road, Sungang, Luohu District  
518023 Shenzhen  
PEOPLE'S REPUBLIC OF CHINA

**Product:** **Split Air Conditioners**  
**(SPLIT TYPE AIR CONDITIONER)**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64111230006901

**Date,** 2023-04-03

( Gary Sun )

Page 1 of 2

This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



TUV®



Product Service

# Attestation of Conformity

No. N8A 120351 0001 Rev. 00

**Model(s):** KWSM-12IR32HF (indoor unit: KWSM-12IR32HF, outdoor unit: KWSM-12IR32HF),  
 KWSM-18IR32HF (indoor unit: KWSM-18IR32HF, outdoor unit: KWSM-18IR32HF),  
 KWSM-24IR32HF (indoor unit: KWSM-24IR32HF, outdoor unit: KWSM-24IR32HF)

**Brand:** KANIONco



**Parameters:** Rated Voltage: 220-240V~  
 Rated Frequency: 50Hz  
 Protection Class: Class I  
 Degree of Protection: indoor unit: IPX0,  
 outdoor unit: IP24  
 Refrigerant: R32

Code	Model	Indoor model	Outdoor model	Rated power input/ Rated current
A	KWSM-12IR32HF	KWSM-12IR32HF	KWSM-12IR32HF	2200W/10,5A
B	KWSM-18IR32HF	KWSM-18IR32HF	KWSM-18IR32HF	2500W/13,0A
C	KWSM-24IR32HF	KWSM-24IR32HF	KWSM-24IR32HF	3700W/19,0A

**Tested according to:** EN 60335-1:2012/A15:2021  
 EN 60335-2-40:2003/A13:2012  
 EN 62233:2008

Page 2 of 2



This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.





<p><b>TEST REPORT</b>  <b>IEC 60335-2-40</b>  <b>Safety of household and similar electrical appliances</b>  <b>Part 2-40: Particular requirements for electrical heat pumps, air conditioners and dehumidifiers</b></p>	
Report Number .....	GZES210301264331
Date of issue .....	2021-03-05
Total number of pages .....	17
Applicant's name .....	KANION GROUP CO., LIMITED
Address .....	FLAT/RM A 12/F KIU FU COMMERCIAL BLDG NO 53-55 LOCKHART ROAD WAN CHAI HK
<b>Test specification:</b>	
Standard .....	IEC 60335-2-40:2002 (Fourth Edition) + A1:2005 (incl. Corr.1:2006) + A2:2005 in conjunction with IEC 60335-1:2010 (Fifth Edition)
Test procedure .....	SGS CSTC
Non-standard test method .....	N/A
Test Report Form No .....	IEC60335_2_40J
Test Report Form(s) Originator .....	VDE
Master TRF .....	Dated 2014-06
<p><b>Copyright © 2014 Worldwide System for Conformity Testing and Certification of Electrotechnical Equipment and Components (IECEE), Geneva, Switzerland. All rights reserved.</b></p> <p>This publication may be reproduced in whole or in part for non-commercial purposes as long as the IECEE is acknowledged as copyright owner and source of the material. IECEE takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.</p> <p>If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.</p> <p><b>This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.</b></p>	
<b>General disclaimer:</b>	
<p>The test results presented in this report relate only to the object tested.          This report shall not be reproduced, except in full, without the written approval of the Issuing CB Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.</p>	



<b>Test item description</b> .....		Multi-split Type Air-conditioner
<b>Trade Mark</b> .....		<b>KANIONco</b>
<b>Manufacturer</b> .....		Same as applicant
<b>Model/Type reference</b> .....		See General product information
<b>Ratings</b> .....		220 V – 240 V; 50 Hz; details see marking plates
<b>Testing procedure and testing location:</b>		
<input checked="" type="checkbox"/>	<b>CB Testing Laboratory:</b>	SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch
<b>Testing location/ address</b> .....		Building 1, European Industrial Park, No.1, Shunhe South Road, Wusha, Daliang, Shunde District, Foshan, Guangdong, China
<input type="checkbox"/>	<b>Associated CB Testing Laboratory:</b>	
<b>Testing location/ address</b> .....		
<b>Tested by (name + signature)</b> .....		Project engineer: Alex Leong 
<b>Approved by (name + signature)</b> .....		Reviewer: Mike Liu 
<input type="checkbox"/>	<b>Testing procedure: TMP/CTF Stage 1:</b>	N/A
<b>Testing location/ address</b> .....		
<b>Tested by (name + signature)</b> .....		
<b>Approved by (name + signature)</b> .....		
<input type="checkbox"/>	<b>Testing procedure: WMT/CTF Stage 2:</b>	N/A
<b>Testing location/ address</b> .....		
<b>Tested by (name + signature)</b> .....		
<b>Witnessed by (name + signature)</b> .....		
<b>Approved by (name + signature)</b> .....		
<input type="checkbox"/>	<b>Testing procedure: SMT/CTF Stage 3 or 4:</b>	N/A
<b>Testing location/ address</b> .....		
<b>Tested by (name + signature)</b> .....		
<b>Witnessed by (name + signature)</b> .....		
<b>Approved by (name + signature)</b> .....		
<b>Supervised by (name + signature)</b> .....		



**List of Attachments:**  
N/A


**Summary of testing:**

**Tests performed (name of test and test clause):**  
Tests according to the following standards were carried out:  
EN 60335-2-40: 2003 + A11: 2004 + A12: 2005 + A1: 2006 + A2: 2009 + A13: 2012  
EN 60335-1: 2012 + A11: 2014 + A13: 2017 + A1: 2019 + A14: 2019 + A2: 2019  
EN 62233: 2008  
  
For necessary testing, see "Summary of testing".  
  
The submitted appliances comply with the above standards.


**Testing location:**  
See page 2

**Summary of compliance with National Differences:**  
Including CENELEC common modifications.

**Copy of marking plate:**

SPLIT TYPE AIR CONDITIONER	
INDOOR MODEL	KWSMI-12IR32HF
COOLING CAPACITY	12000Btu/h
HEATING CAPACITY	13000Btu/h
POWER SOURCE	220-240V~ 50Hz, 1Ph
INDOOR RATED CURRENT	/
INDOOR RATED INPUT	20.0W
	
For specific information on the type of gas and the amount, please refer to the label on the outdoor unit.	
Importer: xxx	
<b>KANION<sup>co</sup></b>	



MADE IN CHINA

SPLIT TYPE AIR CONDITIONER	
INDOOR MODEL	KWSMI-09IR32HF
COOLING CAPACITY	9000Btu/h
HEATING CAPACITY	10000Btu/h
POWER SOURCE	220-240V~ 50Hz, 1Ph
INDOOR RATED CURRENT	/
INDOOR RATED INPUT	20.0W
	
For specific information on the type of gas and the amount, please refer to the label on the outdoor unit.	
Importer: xxx	
<b>KANION<sup>co</sup></b>	

MADE IN CHINA

**SPLIT TYPE AIR CONDITIONER**

INDOOR MODEL	KWSMI-18IR32HF
COOLING CAPACITY	18000Btu/h
HEATING CAPACITY	19000Btu/h
POWER SOURCE	220-240V~ 50Hz, 1Ph
INDOOR RATED CURRENT	/
INDOOR RATED INPUT	31.0W



For specific information on the type of gas and the amount, please refer to the label on the outdoor unit.

Importer: xxx

**KANION®**

**SPLIT TYPE AIR CONDITIONER**


INDOOR MODEL	KWSMI-24IR32HF
COOLING CAPACITY	24000Btu/h
HEATING CAPACITY	25000Btu/h
POWER SOURCE	220-240V~ 50Hz, 1Ph
INDOOR RATED CURRENT	/
INDOOR RATED INPUT	42.0W

For specific information on the type of gas and the amount, please refer to the label on the outdoor unit.


Importer: xxx

**KANION®**

**ONE-TWO SPLIT TYPE AIR CONDITIONER**  **0598**


OUTDOOR MODEL		KWSMO-18IR32HF	
STANDARD RATING CONDITIONS	COOLING	CAPACITY	18000Btu/h
		RANGE	(7000-18000)Btu/h
HEATING	CAPACITY	19000Btu/h	
	RANGE	(8000-19000)Btu/h	
MAXIMUM ALLOWABLE PRESSURE		4.4MPa	
EXCESSIVE OPERATING PRESSURE	DISCHARGE	4.3MPa	
	SUCTION	1.7MPa	
POWER SOURCE		220-240V~ 50Hz, 1Ph	
REFRIGERANT		R32/1.25kg	
RATED CURRENT		13.0A	
RATED INPUT		2850W	
OUTDOOR UNIT RESISTANCE CLASS		IP 24	
Contains fluorinated greenhouse gases. GWP: 675; 0.844 tonnes CO <sub>2</sub> equivalent.			
Importer: xxx			

**KANION®**

**ONE-THREE SPLIT TYPE AIR CONDITIONER**  **0598**

OUTDOOR MODEL		KWSMO-27IR32HF	
STANDARD RATING CONDITIONS	COOLING	CAPACITY	27000Btu/h
		RANGE	(7000-27000)Btu/h
HEATING	CAPACITY	28000Btu/h	
	RANGE	(8000-28000)Btu/h	
MAXIMUM ALLOWABLE PRESSURE		4.4MPa	
EXCESSIVE OPERATING PRESSURE	DISCHARGE	4.3MPa	
	SUCTION	1.7MPa	
POWER SOURCE		220-240V~ 50Hz, 1Ph	
REFRIGERANT		R32/1.72kg	
RATED CURRENT		17.5A	
RATED INPUT		3600W	
OUTDOOR UNIT RESISTANCE CLASS		IP 24	
Contains fluorinated greenhouse gases. GWP: 675; 1.16 tonnes CO <sub>2</sub> equivalent.			
Importer: xxx			

**KANION®**

**ONE-FOUR SPLIT TYPE AIR CONDITIONER**  **0598**

OUTDOOR MODEL		KWSMO-36IR32HF	
STANDARD RATING CONDITIONS	COOLING	CAPACITY	36000Btu/h
		RANGE	(7000-36000)Btu/h
HEATING	CAPACITY	36000Btu/h	
	RANGE	(8000-38000)Btu/h	
MAXIMUM ALLOWABLE PRESSURE		4.4MPa	
EXCESSIVE OPERATING PRESSURE	DISCHARGE	4.3MPa	
	SUCTION	1.7MPa	
POWER SOURCE		220-240V~ 50Hz, 1Ph	
REFRIGERANT		R32/2.1kg	
RATED CURRENT		21.5A	
RATED INPUT		4600W	
OUTDOOR UNIT RESISTANCE CLASS		IP 24	
Contains fluorinated greenhouse gases covered by the Kyoto Protocol. GWP: 675; 1.42 tonnes CO <sub>2</sub> equivalent.			
Importer: xxx			



**KANION®**

- CAUTION**
1. Ensure to evacuate the air inside the indoor unit and pipes with vacuum pump.
  2. Make sure the additional amount of refrigerant to be charged is based on the pipe size and length, please refer to the INSTALLATION INSTRUCTIONS for details.
  3. Incorrect installation due to ignoring of the instruction will cause serious problem to the machine.

- CAUTION**
1. Ensure to evacuate the air inside the indoor unit and pipes with vacuum pump.
  2. Make sure the additional amount of refrigerant to be charged is based on the pipe size and length, please refer to the INSTALLATION INSTRUCTIONS for details.
  3. Incorrect installation due to ignoring of the instruction will cause serious problem to the machine.

- CAUTION**
1. Ensure to evacuate the air inside the indoor unit and pipes with vacuum pump.
  2. Make sure the additional amount of refrigerant to be charged is based on the pipe size and length, please refer to the INSTALLATION INSTRUCTIONS for details.
  3. Incorrect installation due to ignoring of the instruction will cause serious problem to the machine.



ONE-FIVE SPLIT TYPE AIR CONDITIONER		 <b>0598</b>	
OUTDOOR MODEL		KWSMC-42IR32HF	
STANDARD RATING CONDITIONS	COOLING	CAPACITY	42000Btu/h
		RANGE	(7000-42000)Btu/h
	HEATING	CAPACITY	42000Btu/h
		RANGE	(8000-42000)Btu/h
MAXIMUM ALLOWABLE PRESSURE		4.4MPa	
EXCESSIVE OPERATING PRESSURE	DISCHARGE	4.3MPa	
	SUCTION	1.7MPa	
POWER SOURCE		220-240V~ 50Hz, 1Ph	
REFRIGERANT		R32/2.4kg	
RATED CURRENT		22.0A	
RATED INPUT		4700W	
OUTDOOR UNIT RESISTANCE CLASS		IP 24	
Contains fluorinated greenhouse gases GWP: 675; 1.62 tonnes CO <sub>2</sub> equivalent.			
Importer: xxx			
<b>KANION</b>			
			
<p><b>CAUTION</b></p> <ol style="list-style-type: none"> <li>1. Ensure to evacuate the air inside the indoor unit and pipes with vacuum pump.</li> <li>2. Make sure the additional amount of refrigerant to be charged is based on the pipe size and length, please refer to the INSTALLATION INSTRUCTIONS for details.</li> <li>3. Incorrect installation due to ignoring of the instruction will cause serious problem to the machine.</li> </ol>			



The marking of risk of fire for all models. Letter height: 11 mm.



The marking of symbol ISO 7000-0790; ISO-7000-1641; ISO 700-1659 for all models.  
Letter height: 10 mm.

- 1) The Height of CE logo shall not be less than 5 mm; Height of WEEE logo shall not be less than 7 mm;
- 2) As declared by the applicant, the importer (and manufacturer, if it is different)'s name, registered trade name or registered trade mark and the postal address will be marked on the products before being place on the market. The contact details shall be in a language easily understood by end-users and market surveillance authorities.
- 3) Marking on the packaging or in a document accompanying the electrical equipment is only acceptable if it is not possible to place such markings on the product.

<b>Test item particulars</b> ..... :	
<b>Classification of installation and use</b> ..... :	Fixed appliance (For the four-way cassette types) Built-in appliance (For the ceiling and floor types and the duct types)
<b>Supply Connection</b> .....	Terminal block
<b>Possible test case verdicts:</b>	
- 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)
<b>Testing</b> .....	
<b>Date of receipt of test item</b> ..... :	N/A
<b>Date (s) of performance of tests</b> .....	N/A
<b>General remarks:</b>	
<p>"(See Enclosure #)" refers to additional information appended to the report.  "(See appended table)" refers to a table appended to the report.</p> <p>Throughout this report a <input checked="" type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator.</p> <p>This document is issued by the Company subject to its General Conditions of Service, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.</p> <p><b>This test report GZES210301264331 was not valid without using conjunction with the test report GZES160400362001, GZES160400362002, GZES160400362003, GZES160400362004, GZES160400362005, GZES160400362006, GZES160400362007, GZES160400362008, GZES160400362009, GZES160400362010, GZES160400362011, GZES160400362012, GZES160400362013, GZES160400362014, GZES160400362015, GZES160400362016, GZES160400362017, GZES160400362018, GZES160400362019, GZES160400362020, GZES160400362021, GZES160400362022, GZES160400362023, GZES160400362024, GZES160400362025, GZES160400362026, GZES160400362027, GZES160400362028, GZES160400362029, GZES160400362030, GZES160400362031, GZES160400362032, GZES160400362033, GZES160400362034, GZES160400362035 and GZES160400362036.</b></p>	
<b>Manufacturer's Declaration per sub-clause 4.2.5 of IEC60335-2-40J:</b>	
The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided..... :	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Not applicable
<b>When differences exist; they shall be identified in the General product information section.</b>	

<b>Name and address of factory (ies) .....</b>	1. GD Midea Air-conditioning Equipment Co., Ltd. Lingang Road, Beijiao, Shunde, Foshan, 528311, Guangdong, China 2. Guangzhou Hualing Refrigerating Equipment Co., Ltd. 6 Meide 1 <sup>st</sup> Road, Zhujiang Industrial Park, Zhujiang Street, Nansha, Guangzhou, China
--	---

**General product information:**

Split-type air conditioner for household use only.  
Appliance had cooling and heating function, the refrigerant was R32.  
Outdoor unit supplied power supply to indoor unit.  
M2OC-18HFN8-Q can drive one to two indoor units combination specified by manufacturer.  
M3OE-27HFN8-Q can drive one to three indoor units combination specified by manufacturer.  
After installed, the indoor units shall be complied with the product standards.  
The cord installation or connection shall be according to the national wiring regulation.

Unit	Model	Rated voltage	Rated power (W)	Rated current (A)
Outdoor unit	One drives two (Maximum) M2OC-18HFN8-Q	220-240 V; 50 Hz	2300 W	12 A
	One drives three (Maximum) M3OE-27HFN8-Q		3100 W	15 A
Indoor unit	MSABAU-09HRFN8-QRD0GW	220-240 V; 50 Hz	24 W	0,11 A
	MSABBU-12HRFN8-QRD0GW		24 W	0,11 A
	MSABDU-18HRFN8-QRD0GW		34 W	0,15 A
	MCA3I-09HRFN8-QRD0		40 W	0,18 A
	MCA3U-12HRFN8-QRD0W		40 W	0,18 A
	MCA3I-18HRFN8-QRC8W		40 W	0,18 A

Note: The indoor unit combination shall be strictly according to the manufacturer's specification.

**Amendment 1:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2016-12-09 to include the following modifications, which were considered technical modifications:

1. Update the nameplate on the pressure valve of outdoor M2OC-18HFN8-Q, M3OE-27HFN8-Q and indoor unit, detail see copy of marking plate.
2. Add alternative indoor unit MSABEU-24HRFN8-QRD0GW, and outdoor unit M4OB-36HFN8-Q, M5OD-42HFN8-Q

Unit	Model	Rated voltage	Rated power (W)	Rated current (A)
Outdoor unit	One drives four (Maximum) M4OB-36HFN8-Q	220-240 V; 50 Hz	4600 W	21,5 A
	One drives five (Maximum) M5OD-42HFN8-Q		4700 W	22 A
Indoor unit	MSABEU-24HRFN8-QRD0GW	220-240 V; 50 Hz	62 W	0,28 A

Note: The indoor unit combination shall be strictly according to the manufacturer's specification.

After review, full tests were arranged as following:

Outdoor unit	Equipped with indoor unit
One drives four (Maximum) M4OB-36HFN8-Q	MSABAU-09HRFN8-QRD0GW + MSABDU-18HRFN8-QRD0GW + MSABBU-12HRFN8-QRD0GW
One drives five (Maximum) M5OD-42HFN8-Q	MSABAU-09HRFN8-QRD0GW + MSABDU-18HRFN8-QRD0GW + MSABBU-12HRFN8-

	QRD0GW + MSABEU-24HRFN8-QRD0GW
--	--------------------------------

**Amendment 2:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2017-01-20 to include the following modifications, which were considered technical modifications:

1. Add alternative indoor unit MSAEBU-09HRFN8-QRD6GW, MSAEBU-12HRFN8-QRD6GW, MSAECU-18HRFN8-QRD0GW, MSAEDU-24HRFN8-QRD0GW, and MSAEBU-09HRFN8-QRD6GW was identical with MSAEBU-12HRFN8-QRD6GW except the model name. these new alternative models and original models were split type air-conditioner.
2. Update the applicant address from Midea Industrial City, Beijiao, Shunde, Foshan, Guangdong, China to Lingang Road, Beijiao, Shunde, Foshan, 528311, Guangdong, China

After review, full tests were arranged as following:

Outdoor unit	Equipped with indoor unit
M5OD-42HFN8-Q	MSAEBU-09HRFN8-QRD6GW + MSAEBU-12HRFN8-QRD6GW + MSAECU-18HRFN8-QRD0GW + MSAEDU-24HRFN8-QRD0GW

**Amendment 3:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2017-09-30 to include the following modifications, which were considered technical modifications:

1. Add new models which were same as the original models except the model name.

New models	Original models
MSABAU-09HRFNX-QRD0GW	MSABAU-09HRFN8-QRD0GW
MSABBU-12HRFNX-QRD0GW	MSABBU-12HRFN8-QRD0GW
MSABDU-18HRFNX-QRD0GW	MSABDU-18HRFN8-QRD0GW
MSABEU-24HRFNX-QRD0GW	MSABEU-24HRFN8-QRD0GW
MSAEAU-09HRFNX-QRD0GW	MSAEBU-09HRFN8-QRD6GW
MSAEBU-12HRFNX-QRD0GW	MSAEBU-12HRFN8-QRD6GW
MSAECU-18HRFNX-QRD0GW	MSAECU-18HRFN8-QRD0GW
MSAEDU-24HRFNX-QRD0GW	MSAEDU-24HRFN8-QRD0GW
MCA3I-09HRFNX-QRD0	MCA3I-09HRFN8-QRD0
MCA3U-12HRFNX-QRD0W	MCA3U-12HRFN8-QRD0W
MCA3I-18HRFNX-QRC8W	MCA3I-18HRFN8-QRC8W
B-MCA3I-09HRFNX-QRD0	MCA3I-09HRFN8-QRD0
B-MCA3U-12HRFNX-QRD0W	MCA3U-12HRFN8-QRD0W
B-MCA3I-18HRFNX-QRC8W	MCA3I-18HRFN8-QRC8W
B-M2OC-18HFN8-Q	M2OC-18HFN8-Q
B-M3OE-27HFN8-Q	M3OE-27HFN8-Q
B-M4OB-36HFN8-Q	M4OB-36HFN8-Q
B-M5OD-42HFN8-Q	M5OD-42HFN8-Q

2. Add new models which were same as the original models except the model name and appearance of indoor unit.

New models	Original models
B-MSABAU-09HRFNX-QRD0GW	MSABAU-09HRFN8-QRD0GW
B-MSABBU-12HRFNX-QRD0GW	MSABBU-12HRFN8-QRD0GW
B-MSABDU-18HRFNX-QRD0GW	MSABDU-18HRFN8-QRD0GW
B-MSABEU-24HRFNX-QRD0GW	MSABEU-24HRFN8-QRD0GW

After reviewing, the added new indoor unit subjected to construction check.

#### Amendment 4:

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2017-11-10 to include the following modifications, which were considered technical modifications:

1. Add alternative 4-way valve, electrolytic capacitor, fuse, varistor and relay; (details see table 24.1)

After reviewing, the alternative components subjected to test of 19.12, 30.

#### Amendment 5:

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2017-12-20 to include the following modifications, which were considered technical modifications:

1. Add alternative indoor unit

Unit	Model	Rated voltage	Rated power (W)	Rated current (A)
Indoor unit	MCA3U-18HRFN8-QRC8W	220-240 V; 50 Hz	40	0,18

MCA3U-18HRFN8-QRC8W is the same with MCA3I-18HRFN8-QRC8W except the model name.

2. updated table 24.1, see table for detail

After reviewing, alternative components were subjected clause 30.

#### Amendment 6:

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2018-01-10 to include the following modifications, which were considered technical modifications:

1. Add alternative fan motor, transformer, step motor, 4-way valve, reactor, terminal block, surge absorber, electrolytic capacitor, fuse, varistor X2 capacitor, internal wire, PCB, PVC tube and relay for models in the table below; (details see table 24.1);

2. Add a new factory:

Guangzhou Hualing Refrigerating Equipment Co., Ltd

6 Meide 1<sup>st</sup> Road, Zhujiang Industrial Park, Zhujiang St., Nan Sha, Guangzhou, China

After reviewing, MOB30U-12HFN1-QRD0W, MOB30U-18HFN1-QRD0, MOCA30U-24HFN1-QRD0, MOD30U-30HFN1-QRD0 and MOD30U-36HFN1-QRD0 and the relevant indoor unit equipped with the alternative components subjected to test of 10, 11, 13, 15, 6, 17, 19, 23.5, 29, 30, Annex E and Annex N.

Model
M2OC-18HFN8-Q
M3OE-27HFN8-Q
M4OB-36HFN8-Q
M5OD-42HFN8-Q
MSABAU-09HRFN8-QRD0GW
MSABBU-12HRFN8-QRD0GW
MSABDU-18HRFN8-QRD0GW
MCA3I-09HRFN8-QRD0



MCA3U-12HRFN8-QRD0W
MCA3U-18HRFN8-QRC8W

After review, tests were arranged as following:

Outdoor unit	Equipped with indoor unit
M2OC-18HFN8-Q	MCA3I-09HRFN8-QRD0 + MCA3I-09HRFN8-QRD0
M3OE-27HFN8-Q	MSABAU-09HRFN8-QRD0GW + MSABDU-18HRFN8-QRD0GW
M4OB-36HFN8-Q	MSABBU-12HRFN8-QRD0GW + MCA3U-12HRFN8-QRD0W + MCA3U-12HRFN8-QRD0W
M5OD-42HFN8-Q	MSABAU-09HRFN8-QRD0GW + MCA3U-18HRFN8-QRC8W + MCA3U-18HRFN8-QRC8W

#### Amendment 7:

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2018-01-15 to include the following modifications, which were considered technical modifications:

1. Add new indoor unit MSAFBU-09HRDN8-QRD0GW, MSAFBU-12HRDN8-QRD0GW, MSAFCU-18HRFNX-QRD0GW and MSAFDU-24HRFNX-QRD0GW.

After reviewing, M5OD-42HFN8-Q equipped with the added new indoor unit subjected to full test.

#### Amendment 8:

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2018-05-11 to include the following modifications, which were considered technical modifications:

- Add alternative fan motor for model A
- Update the standard to EN 60335-1: 2012 + A13: 2017

After review, model A was selected for clause 10, 11, 13, 15.3, 16, 19, 29 and 30.

#### Amendment 9:

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2018-05-17 to include the following modifications, which were considered technical modifications:

1. Add alternative relay, details see table 24.1.

After reviewing, the alternative components subjected to test of 30.

#### Amendment 10:

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2018-10-08 to include the following modifications, which were considered technical modifications:

Add alternative outdoor unit M2OG-14HFN8-Q, M2OD-18HFN8-Q, M3OF-21HFN8-Q, M3OF-27HFN8-Q and M4OE-28HFN8-Q, indoor unit MSAFBU-07HRDNX-QRD0GW and MCA3I-07HRFNX-QRD0.

Model MSAFBU-07HRDNX-QRD0GW was same as MSAFBU-09HRDN8-QRD0GW, except for model name.

Model MCA3I-07HRFNX-QRD0 was same as MSAFBU-09HRDN8-QRD0GW, except for model name.

Unit	Model		Rated voltage	Rated power (W)	Rated current (A)
Outdoor unit	One drives two (Maximum)	M2OG-14HFN8-Q	220-240 V; 50 Hz	2650 W	11,5 A
		M2OD-18HFN8-Q		2850 W	13,0 A
	One drives three (Maximum)	M3OF-21HFN8-Q		3300 W	15,5 A
		M3OF-27HFN8-Q		3600 W	17,5 A
One drives four (Maximum)	M4OE-28HFN8-Q	4150 W	19,0 A		

Note: The indoor unit combination shall be strictly according to the manufacturer's specification.

After review, full tests were arranged as following:

Outdoor unit		Equipped with indoor unit
One drives two (Maximum)	M2OG-14HFN8-Q	MSAFBU-07HRDNX-QRD0GW + MSAFBU-09HRDN8-QRD0GW
One drives two (Maximum)	M2OD-18HFN8-Q	MSABAU-09HRFN8-QRD0GW + MSABBU-12HRFNX-QRD0GW
One drives three (Maximum)	M3OF-21HFN8-Q	MCA3I-07HRFNX-QRD0 + MCA3I-09HRFN8-QRD0 + MCA3U-12HRFNX-QRD0W
One drives three (Maximum)	M3OF-27HFN8-Q	MSAFBU-09HRDN8-QRD0GW + MSAFBU-12HRDN8-QRD0GW + MSAFCU-18HRFNX-QRD0GW
One drives four (Maximum)	M4OE-28HFN8-Q	MSABAU-09HRFN8-QRD0GW + MSABDU-18HRFNX-QRD0GW x 4

**Amendment 11:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2018-11-13 to include the following modifications, which were considered technical modifications:

1. Add alternative IPM, details see table 24.1;

After reviewing, no test considered necessary.

**Amendment 12:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2016-12-09 to include the following modifications, which were considered technical modifications:

1. Add alternative indoor unit MTIU-07HWFN8-QRD0W, MTIU-09HWFN8-QRD0W, MTIU-12HWFN8-QRD0W. MTIU-07HWFN8-QRD0W, MTIU-09HWFN8-QRD0W and MTIU-12HWFN8-QRD0W were the same, except the evaporator, condensator and model name.

Unit	Model	Rated voltage	Rated power (W)	Rated current (A)
Indoor unit	MTIU-07HWFN8-QRD0W	220-240 V; 50 Hz	170 W	1,0 A
Indoor unit	MTIU-09HWFN8-QRD0W	220-240 V; 50 Hz	180 W	1,1 A
Indoor unit	MTIU-12HWFN8-QRD0W	220-240 V; 50 Hz	---	---

Note: The indoor unit combination shall be strictly according to the manufacturer's specification.

After review, full tests were arranged as following:

Outdoor unit		Equipped with indoor unit
One drives five (Maximum)	M5OD-42HFN8-Q	MTIU-07HWFN8-QRD0W, MTIU-09HWFN8-QRD0W, MTIU-12HWFN8-QRD0W*3

**Amendment 13:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2016-12-09 to include the following modifications, which were considered technical modifications:

1. Change the refrigerant mass of M2OG-14HFN8-Q, detail see the marking plate.

After reviewing, M2OG-14HFN8-Q equipped with MSAFBU-07HRDNX-QRD0GW and MSAFBU-12HRDN8-QRD0GW subjected to test of clause 10, 11 and 13.

**Amendment 14:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2019-02-10 to include the following modifications, which were considered technical modifications:

1. Add alternative fuse, see table 24.1

After reviewing, the alternative component was selected for clause 19.11.

**Amendment 15:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2019-02-26 to include the following modifications, which were considered technical modifications:

1. Add alternative indoor unit **MTIU-18HWFNX-QRD0W** and **MCA3U-18HRFNX-QRD0W**

The new model MCA3U-18HRFNX-QRD0W was same as original model MCA3U-18HRFN8-QRC8W, except for the main controller and model name.

2. Add a new construction of indoor air-outlet (vertical swing) for optional with model A, C, D, detail see 24.1.

After reviewing, the new construction has construction check, full tests were arranged as following:

Outdoor unit		Equipped with indoor unit
One drives four (Maximum)	M4OB-36HFN8-Q	MTIU-18HWFNX-QRD0W + MTIU-12HWFNX-QRD0W + MTIU-09HWFNX-QRD0W
One drives two (Maximum)	M2OC-18HFN8-Q	MCA3U-18HRFNX-QRD0W + MCA3I-07HRFNX-QRD0

**Amendment 16:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2019-03-06 to include the following modifications, which were considered technical modifications:

1. Add outdoor chassis heater and crankshaft heater for model C: M4OB-36HFN8-Q, B-M4OB-36HFN8-Q and model D: M5OD-42HFN8-Q, B-M5OD-42HFN8-Q.

After reviewing, M5OD-42HFN8-Q subjected to test of clause 19, 29, 30 and Annex N.

**Amendment 17:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2019-04-15 to include the following modifications, which were considered technical modifications:

1. Add alternative transformer, details see table 24.1.

After reviewing, the alternative components subjected to test of clause 17, 30 and Annex N.

**Amendment 18:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2019-05-08 to include the following modifications, which were considered technical modifications:

1. Add new models below which are same as the original models except the model name and the new model have WIFI module.

New model	Original model
MSAB7AU-09HRFNX-QRD0GW	MSABAU-09HRFNX-QRD0GW
MSAB7BU-12HRFNX-QRD0GW	MSABBU-12HRFNX-QRD0GW

After reviewing, the new model subjected to construction check.

**Amendment 19:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2019-06-05 to include the following modifications, which were considered technical modifications:

1. Add **MDV** trade mark for all models;
2. Add a new factory:

Wuhu Maty Air-Conditioning Equipment Co., Ltd.

47 Hengshan Road, Economic and Technological Development Zone, Wuhu, Anhui, China

3. Add new models below, the added new models are same as the original models except the model name.

Original model	New model

MCA3I-07HRFNX-QRD0	MCA3I-07FNXD0
MCA3I-09HRFNX-QRD0	MCA3I-09FNXD0
MCA3U-12HRFNX-QRD0W	MCA3U-12FNXD0
MCA3U-18HRFN8-QRC8W	MCA3U-18HRFNX-QRC8W MCA3U-18FNXC8
MTIU-09HWFN8-QRD0W	MTII-09FNXD0
M2OG-14HFN8-Q	M2O-14FN8-Q
M2OC-18HFN8-Q	M2O-18FN8-Q
M2OC-18HFN8-Q	M2OD-18HFN8-Q
M3OF-21HFN8-Q	M3O-21FN8-Q
M4OE-28HFN8-Q	M4O-28FN8-Q
M3OE-27HFN8-Q	M3O-27FN8-Q
M3OF-27HFN8-Q	M3OF-27HFN8-Q
M4OB-36HFN8-Q	M4O-36FN8-Q
M5OD-42HFN8-Q	M5O-42FN8-Q

After reviewing, no test considered necessary.

**Amendment 20:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2019-06-05 to include the following modifications, which were considered technical modifications:

1. Add alternative outdoor fan motor for M3OE-27HFN8-Q, B-M3OE-27HFN8-Q, M3O-27FN8-Q, M3OF-21HFN8-Q, M3O-21FN8-Q and M3OF-27HFN8-Q.
2. Add alternative step motor, fuse, varistor, PCB, internal wire, X2 capacitor and electrolytic capacitor, details see table 24.1.

After reviewing, M3OF-27HFN8-Q subjected to test of clause 10, 11, 13, 19, 23, 29, 30, Annex E and Annex N.

**Amendment 21:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2019-06-13 to include the following modifications, which were considered technical modifications:

1. Add a new indoor unit MTIU-18HWFN8-QRD0W;

After reviewing, M3OF-27HFN8-Q equipped with indoor unit MTIU-18HWFN8-QRD0W (x2) subject to full test.

**Amendment 22:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2019-07-20 to include the following modifications, which were considered technical modifications:

1. Add new indoor unit: MSMABU-09HRDN8-QRD0GW, MSMACU-18HRFNX-QRD0GW(GA), MSMADU-24HRFNX-QRD0GW(GA).

After reviewing, M4OB-36HFN8-Q equipped with MSMABU-09HRDN8-QRD0GW, MSMACU-18HRFNX-QRD0GW(GA), MSMADU-24HRFNX-QRD0GW(GA) subjected to full tests.

**Amendment 23:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2019-08-08 to include the following modifications, which were considered technical modifications:

1. Add a new indoor unit: MSMABU-12HRDN8-QRD0GW

After reviewing, M4OB-36HFN8-Q equipped with MSMABU-12HRDN8-QRD0GW, MSMACU-18HRFNX-QRD0GW(GA), MSMADU-24HRFNX-QRD0GW(GA) subjected to full tests.

**Amendment 24:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2019-11-25 to include the following modifications, which were considered technical modifications:

1. Add new indoor unit: MSAGAU-09HRFNX-QRD0GW, MSAGBU-09HRFN8-QRD1GW(GA), MSAGBU-12HRFNX-QRD0GW, MSAGCU-18HRFNX-QRD0GW and MSAGDU-24HRFN8-QRD0GW.

After reviewing, M4OB-36HFN8-Q and M5OD-42HFN8-Q equipped with MSAGAU-09HRFNX-QRD0GW, MSAGBU-09HRFN8-QRD1GW(GA), MSAGBU-12HRFNX-QRD0GW, MSAGCU-18HRFNX-QRD0GW and MSAGDU-24HRFN8-QRD0GW subjected to full tests.

**Amendment 25:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2019-12-05 to include the following modifications, which were considered technical modifications:

1. Add alternative fan motor for M2OC-18HFN8-Q, MSAFBU-09HRDN8-QRD0GW, MCA3I-07HRFNX-QRD0, MCA3I-07FNXD0, MSAFBU-12HRDN8-QRD0GW, MSMABU-09HRDN8-QRD0GW, MSMABU-12HRDN8-QRD0GW.

2. Add alternative transformer and Outdoor chassis heater, details see table 24.1.

After reviewing, M2OD-18HFN8-Q equipped with MSAFBU-12HRDN8-QRD0GW and MSMABU-12HRDN8-QRD0GW subjected to test of clause 10, 11, 13, 15, 16, 17, 19, 29, 30 and Annex N.

**Amendment 26:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2020-01-08 to include the following modifications, which were considered technical modifications:

1. Add alternative Internal wire, x2 capacitor, bridge rectifier and PCB board, detail see table 24.1.

2. Change the main PCB for outdoor unit for models M3OF-27HFN8-Q, M3OF-21HFN8-Q and M4OE-28HFN8-Q, the main PCB layout and circuit principle was all the same as original, except for different accessories.

After reviewing, the alternative components were subjected to test of clause 23.5, 30, Annex E and Annex N.

**Amendment 27:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2020-03-05 to include the following modifications, which were considered technical modifications:

1. Add a indoor unit MZAU-42HWFN8-QD2W which is used for floor heating and domestic hot water. The supplementary heater of MZAU-42HWFN8-QD2W connected to supply mains separately.

MZAU-42HWFN8-QD2W	220 V – 240 V; 50 Hz, supplementary heater: 3100 W; 13,5 A
-------------------	--

After reviewing, M4OB-36HFN8-Q equipped with MZAU-42HWFN8-QD2W, MSAFBU-09HRDN8-QRD0GW, MTIU-18HWFN8-QRD0W, MSAFCU-18HRFNX-QRD0GW subjected to full tests.

**Amendment 28:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2020-03-05 to include the following modifications, which were considered technical modifications:

1. Add alternative indoor fan motor, details see table 24.1.

2. Cancel the earthing wire of power box of MSMADU-24HRFN8-QRD0GW.

After reviewing, M5OD-42HFN8-Q equipped with MSAEDU-24HRFN8-QRD0GW X2 with alternative indoor fan motor ZKFP-58-8-1 (Welling) subjected to test of clause 10, 11, 13, 15, 16, 19, 29 and Annex N.

**Amendment 29:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2020-04-15 to include the following modifications, which were considered technical modifications:



1. Add alternative Bridge Rectifier and IPM, details see table 24.1.

After reviewing, no test considered necessary.

**Amendment 30:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2020-04-16 to include the following modifications, which were considered technical modifications:

1. Add alternative indoor fan motor for MSABAU-09HRFN8-QRD0GW, MSABAU-09HRFNX-QRD0GW, B-MSABAU-09HRFNX-QRD0GW, MSAB7AU-09HRFNX-QRD0GW; MSABBU-12HRFN8-QRD0GW, MSABBU-12HRFNX-QRD0GW, B-MSABBU-12HRFNX-QRD0GW, MSAB7BU-12HRFNX-QRD0GW; MSAEBU-09HRFN8-QRD6GW, MSAEAU-09HRFNX-QRD0GW, MSAEBU-12HRFN8-QRD6GW, MSAEBU-12HRFNX-QRD0GW.

After reviewing, M3OF-21HFN8-Q equipped with MSABBU-12HRFN8-QRD0GW and MSAEBU-12HRFN8-QRD6GW subjected to test of clause 10, 11, 13, 15, 16, 19, 29, 30 and Annex N.

**Amendment 31:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2020-06-03 to include the following modifications, which were considered technical modifications:

1. Add new model MSAGBU-12HRFN8-QRD1GW(GA) which is same as MSAGBU-09HRFN8-QRD1GW(GA) except the model name.  
 2. Add alternative relay, X2 capacitor, running capacitor, varistor, fuse and atep motor, details see table 24.1.  
 3. Updated the standard to EN 60335-1: 2012 /A1: 2019 + A2: 2019 + A14: 2019

The added components subjected to test of clause 19, 22, 30 and Annex N.

**Amendment 32:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2020-06-08 to include the following modifications, which were considered technical modifications:

1. Add new model MSAFBU-12HRDNX-QRD0FGW which is same as MSAFBU-12HRDN8-QRD0GW except the model name.

After reviewing, no test considered necessary.

**Amendment 33:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2020-08-19 to include the following modifications, which were considered technical modifications:

1. Add alternative indoor fan motor for MSAGBU-12HRFN8-QRD1GW(GA) and MSAGBU-12HRFN8-QRD0GW  
 2. Add alternative terminal block, detail see table 24.1.

After reviewing, M2OD-18HFN8-Q equipped with MSAGBU-12HRFN8-QRD0GW and MSAGBU-12HRFN8-QRD1GW(GA) subjected to test of clause 10, 11, 13, 15.3, 16, 19.2, 29, 30 and Annex N.

**Amendment 34:**

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2020-08-19 to include the following modifications, which were considered technical modifications:

1. Add new indoor unit and outdoor unit, detail see table as follow:

And new model M5OE-42HFN8-Q can drive one to five indoor units combination specified by manufacturer.

Unit	Model	Rated voltage	Rated power (W)	Rated current (A)
Outdoor unit	One drives four M5OE-42HFN8-Q	220 V – 240 V	4700 W	22,0 A
Indoor unit	MSABBU-09HRFN8-QRD6GW	220 V – 240 V	--	--

	MSABBU-12HRFN8-QRD6GW		--	--
	MSAEBU-09HRFN8-QRD6GW		--	--
	MSAEBU-12HRFN8-QRD6GW		--	--
	MSEPBU-09HRFN8-QRD6GW		--	--
	MSEPBU-12HRFN8-QRD6GW		--	--
	MSEPCU-18HRFN8-QRD0GW		--	--
	MSEPDU-24HRFN8-QRD0GW		--	--
	MSAFBU-12HRDNX-QRD0FGW		--	--

Note: The indoor unit combination shall be strictly according to the manufacturer's specification.

-Model MSABBU-09HRFN8-QRD6GW was same as MSABBU-12HRFN8-QRD6GW.

-Model MSAEBU-09HRFN8-QRD6GW was same as MSAEBU-12HRFN8-QRD6GW

-Model MSEPBU-09HRFN8-QRD6GW was same as MSEPBU-12HRFN8-QRD6GW

After reviewing, test clasued as follow:

OU: M5OE-42HFN8-Q (Welling) equipped with A: IU: MSEPBU-12HRFN8-QRD6GW (ZKFP-20-8-6-7 Welling) B: IU: MSABBU-12HRFN8-QRD6GW (ZKFP-20-8-6-7 Sanjiang) C: IU: MSAEBU-12HRFN8-QRD6GW (ZKFP-20-8-6-7 Tongda) D: IU: MSEPCU-18HRFN8-QRD0GW (ZKFP-30-8-3-10 Welling)	Full tests
OU: M5OE-42HFN8-Q (board-ocean) equipped with A: IU: MSAFBU-12HRDNX-QRD0FGW (YKFG-13-4-38L-4 Welling) B: IU: MSEPCU-18HRFN8-QRD0GW (ZKFP-30-8-3-10 Welling) C: IU: MSEPDU-24HRFN8-QRD0GW (ZKFP-58-8-1-5 Welling)	Full tests
OU: M5OE-42HFN8-Q (board-ocean) equipped with A: IU: MSAFBU-12HRDNX-QRD0FGW (YKFG-13-4-38L-4 board-ocean) B: IU: MSEPCU-18HRFN8-QRD0GW (ZKFP-30-8-3-10 tongda) C: IU: MSEPDU-24HRFN8-QRD0GW (ZKFP-58-8-1-5 board-ocean)	10, 11, 13
OU: M5OE-42HFN8-Q (board-ocean) equipped with A: IU: MSAFBU-12HRDNX-QRD0FGW (YKFG-13-4-38L-4 board-ocean) B: IU: MSEPCU-18HRFN8-QRD0GW (ZKFP-30-8-3-10 tongda) C: IU: MSEPDU-24HRFN8-QRD0GW (ZKFP-58-8-1-5 NIDEC)	10, 11, 13

#### Amendment 35:

The original Test Report Ref. No. GZES160400362001, Dated on 2016-07-04 was modified on 2020-12-11 to include the following modifications, which were considered technical modifications:

-Add alternative indoor fan motor and fuse, details see table 24.1.

After reviewing, outdoor unit M3OE-27HFN8-Q drives indoor unit MTIU-12HWFN8-QRD0W and MTIU-09HWFN8-QRD0W with alternative fan motor ZKFN-55-8-22 (Welling) subjected to test of clause 10, 11, 13, 15, 16, 19, 29, 30 and Annex N.

This report was based on original SGS Test Report Ref. No. GZES160400362001, dated 2016-07-14 was amended on 2021-03-05 to include the following additions, which were considered technical modifications:

1. Changed applicant and models as following:

Report number	<b>GZES160400362001</b>	<b>GZES210301264331</b>
Applicant's name and address	GD Midea Air-conditioning Equipment Co., Ltd. Lingang Road, Beijiao, Shunde, Foshan, 528311, Guangdong, China	KANION GROUP CO., LIMITED FLAT/RM A 12/F KIU FU COMMERCIAL BLDG NO 53-55 LOCKHART ROAD WAN CHAI HK
Trademark	<b>Midea</b>	<b>KANIONco</b>
Model 1	MSAFBU-09HRDN8-QRD0GW	KWSMI-09IR32HF
Model 2	MSAFBU-12HRDN8-QRD0GW	KWSMI-12IR32HF

Model 3	MSAFDU-24HRFNX-QRD0GW	KWSMI-24IR32HF
Model 4	MSAFDU-18HRFNX-QRD0GW	KWSMI-18IR32HF
Model 5	M5OD-42HFN8-Q	KWSMO-42IR32HF
Model 6	M2OD-18HFN8-Q	KWSMO-18IR32HF
Model 7	M4OB-36HFN8-Q	KWSMO-36IR32HF
Model 8	M3OF-27HFN8-Q	KWSMO-27IR32HF

For necessary testing, see "Summary of testing".

---End of Report---

## VERIFICATION OF COMPLIANCE

No.: LVD GZES2103012643HS

Applicant: KANION GROUP CO., LIMITED  
FLAT/RM A 12/F KIU FU COMMERCIAL BLDG NO 53-55  
LOCKHART ROAD WAN CHAI HK

Manufacturer: Same as applicant

Product Name: Multi-split Type Air-conditioner

Product Description: Split-Type Air-Conditioner

Model No.: See page 2

Trade Mark: **KANIONco**

Rating: See page 2

Protection against Electric Shock: Class I

Degree of Protection: IP24 for outdoor unit

Additional Information: Refrigerant: R32.

Sufficient samples of the product have been tested and found to be in conformity with

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

as shown in the

Test Report Number(s): GZES210301264331

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant harmonized standards under the Low Voltage Directive 2014/35/EU. The CE marking as shown below can be affixed, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that the conditions in annexes III and IV of the Directive are fulfilled.



David Guo  
Senior Technical Manager  
SGS-CSTC



2021-03-31

Copyright of this verification is owned by SGS-CSTC Standards Technical Services Co., Ltd. and may not be reproduced other than in full and with the prior approval of the General Manager. This verification is subjected to the governance of the General Conditions of Services, printed overleaf.

Member of SGS Group (Société Générale de Surveillance)

No.:

LVD GZES2103012643HS

Other information added:

Model No. and rating:

Model	Rated voltage	Rated power (W)	Rated current (A)
KWSMI-09IR32HF	220 V – 240 V; 50 Hz	20,0	--
KWSMI-12IR32HF		20,0	--
KWSMI-24IR32HF		42,0	--
KWSMI-18IR32HF		31,0	--
KWSMO-42IR32HF		4700	22,0
KWSMO-18IR32HF		2850	13,0
KWSMO-36IR32HF		4600	21,5
KWSMO-27IR32HF		3600	17,5



David Guo  
Senior Technical Manager  
SGS-CSTC



2021-03-31

Copyright of this verification is owned by SGS-CSTC Standards Technical Services Co., Ltd. and may not be reproduced other than in full and with the prior approval of the General Manager. This verification is subjected to the governance of the General Conditions of Services, printed overleaf.

Member of SGS Group (Société Générale de Surveillance)