



LCIE

TEST REPORT N°: ABUV-ESH-P20100632B-1-A7

Supplement "A7" to test report No.: ABUV-ESH-P20100632B-1-A6 dated on 2023-02-01

EMC TEST REPORT

To :	Qingdao Haier Air Conditioner General Corp. Ltd	Fax :	--
Attn :	--	Email :	--
Address :	No.1 Haier Road, Hi-Tech Zone, Qingdao 266101, P.R. China		
Cc :	--	Fax/Email :	--
Attn :	--		
This document includes : 5 pages		Test date :	--

FACTORY NAME:	Qingdao Haier Air Conditioner Electric Co., Ltd.	 
ADDRESS :	Haier industrial Park, No.236, Qianwangang Road, Qingdao Eco-tech Development Zone, Qingdao 266555, China.	
PRODUCT :	Split type air conditioner	
TRADE MARK :	Haier, FUJIPLUS⁺, Troñic, OLEFINI, SIGMA, E.C.A., VIESSMANN	
TYPE REFERENCE :	Refer to the Clause 3.1	
RATED VOLTAGE :	AC 220-240V, 50Hz	
RATED INPUT POWER:	Refer to the Clause 3.1	
PROTECTION CLASS :	I	
TESTS REALISED :	--	
STANDARDS USED(DATE) :	EN IEC 55014-1:2021 EN IEC 55014-2:2021 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A1:2019+A2:2021	
CLAUSES EXAMINED :	All Clauses Relevant.	
All the tests done in this report are subcontracted to Qingdao Profound Testing Technology Service Co.,Ltd		
CONCLUSION :		The sample do satisfy the clauses examined .
Test done by:		Approved by:
Name : Tony MAO Title : Project Engineer Date : Apr. 03, 2023		Name : Daniel SUN Title : Product Line Manager Date : Apr. 03, 2023
This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/ and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.		

LCIE China Company Limited 必维欧亚电气技术咨询服务(上海)有限公司	Building 4, No. 518, Xin Zhuan Road, CaoHejing Songjiang High-Tech Park, Shanghai, CHINA	Tel: +86 21 6195 7000 Fax: +86 21 6195 7001 Email: BVLCIEMKT@bureauveritas.com
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1 TESTING PROGRAM

The tests have been carried out according to the requirements of the following standards:

Emission standard EN IEC 55014-1:2021

- Measurement of the disturbance voltage levels.
- Measurement of the discontinuous disturbance levels.
- Measurement of the disturbance power levels.
- Measurement of the radiated disturbance levels.
- Measurement of the magnetic field levels.

Immunity standard EN IEC 55014-2:2021

- Immunity to electrostatic discharges - publication IEC 61000-4-2.
- Immunity to fast transients/bursts - publication IEC 61000-4-4.
- Immunity to conducted disturbances induced by radio-frequency fields - publication IEC 61000-4-6.
- Immunity to radiated radio-frequency electromagnetic field with amplitude modulation - publication IEC 61000-4-3.
- Immunity to surges - publication IEC 61000-4-5.
- Immunity to voltage dips - publication IEC 61000-4-11.
- Immunity to voltage interruptions - publication IEC 61000-4-11.

Emission standard EN IEC 61000-3-2:2019+A1:2021

- Measurement of the harmonic currents.

Emission standard EN 61000-3-3:2013+A1:2019+A2:2021

- Measurement of the voltage fluctuations and flickers.

Special Comment :	Refer to the Clause 3.1
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2 HISTORY OF FAILURE

None.

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3 EQUIPMENT CHARACTERISTICS**3.1 Model list**

220-240V~, 50Hz, Class I, IPX4 for outdoor unit, IPX0 for indoor unit, Max. pressure: 4,3MPa, T1				
Model No.	Rated power input	Rated current input	Refrigerant	Trade Mark
AS18PDAHRA (Indoor unit) with 1U18MEGFRA (Outdoor unit)	2,5kW	11,3A	R32/0,90kg	Haier
AS50PDAHRA (Indoor unit) with 1U50MEGFRA (Outdoor unit)	2,5kW	11,3A	R32/0,90kg	
AS18TDDHRA (Indoor unit) with 1U18MEGFRA (Outdoor unit)	2,5kW	11,3A	R32/0,90kg	
AS50TDMHRA-C (Indoor unit) with 1U50MEMFRA-C (Outdoor unit)	2,5kW	11,3A	R32/0,90kg	
AS50TDDHRA-CLC (Indoor unit) with 1U50MEGFRA (Outdoor unit)	2,5kW	11,3A	R32/0,90kg	
FP-18HT/21 (Indoor unit) with FP-18HTD/21 (Outdoor unit),	2,5kW	11,3A	R32/0,90kg	FUJIPUS⁺⁺ AIR CONDITIONER SYSTEM
AS18NDDHRA (Indoor unit) with 1U18MEGFRA (Outdoor unit)	2,5kW	11,3A	R32/0,90kg	Haier
AS50TDDHRA-TU (Indoor unit) with 1U50MEMFRA-TU (Outdoor unit)	2,5kW	11,3A	R32/0,90kg	
AS50PDAHRA-TU (Indoor unit) with 1U50MEGFRA-TU (Outdoor unit)	2,5kW	11,3A	R32/0,90kg	
AS24TDRHRA (Indoor unit) with 1U24MRAFRA (Outdoor unit)	2,5kW	11,3A	R32/0,90kg	
AS24PDAHRA (Indoor unit) with 1U24WEGFRA (Outdoor unit)	2,9 kW	13,0A	R32/1,10kg	
AS68PDAHRA (Indoor unit) with 1U68WEGFRA (Outdoor unit)	2,9 kW	13,0A	R32/1,10kg	

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TRK24INVDMEI (Indoor unit) with TRK24INVDMEO (Outdoor unit)	2,2kW cooling 2,3kW heating	10A cooling 10,5A heating	R32/0,90kg	Tronic
OLE-24DIH (Indoor unit) with OLE-24DIH (Outdoor unit)	2,2kW cooling 2,3kW heating	-	R32/0,90kg	OLEFINI
AS24PDAHRA (Indoor unit) with 1U24MRAFRA (Outdoor unit)	2,5kW	11,3A	R32/0,90kg	Haier
AS68PDAHRA (Indoor unit) with 1U68MRAFRA (Outdoor unit)	2,2kW	10,0A	R32/0,90kg	
AS68RDAHRA (Indoor unit) with 1U68MRAFRA (Outdoor unit)	2,2kW	10,0A	R32/0,90kg	
AS24TDRHRA (Indoor unit) with 1U24WEGFRA (Outdoor unit)	2,9 kW	13,0A	R32/1,10kg	
AS68TDRHRA (Indoor unit) with 1U68WEGFRA (Outdoor unit)	2,9kW	13,0A	R32/1,10kg	
AS68TDRHRA-C (Indoor unit) with 1U68WEGFRA-C (Outdoor unit)	2,9kW	13,0A	R32/1,10kg	
AS68TDRHRA-CLC (Indoor unit) with 1U68WEGFRA-C (Outdoor unit)	2,9kW	13,0A	R32/1,10kg	
AS68TDRHRA-THC (Indoor unit) with 1U68WEGFRA-C (Outdoor unit)	2,9kW	13,0A	R32/1,10kg	
SGM18INVDHDI (Indoor unit) with SGM18INVDHDO (Outdoor unit)	2,0kW cooling 2,5kW heating	8,9A cooling 11,3A heating	R32/0,90kg	SIGMA
ESA1518A100 (Indoor unit) with ESB1518A100 (Outdoor unit)	2,50kW	11,3A	R32/0,90kg	E.C.A.®
ESA1418A100 (Indoor unit) with ESB1418A100 (Outdoor unit)	2,50kW	11,3A	R32/0,90kg	E.C.A.®
Vitoclima 200-S/HE W2050MDH3 (Indoor unit) with Vitoclima 200-S/HE OSW2050MDH3 (Outdoor unit)	2,0kW cooling 2,5kW heating	-	R32/0,90kg	VIESSMANN

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SGM24INVDHDI (Indoor unit) with SGM24INVDHDO (Outdoor unit)	2,9kW	13,0A	R32/1,10kg	SIGMA
ESA1524A100 (Indoor unit) with ESB1524A100 (Outdoor unit)	2,9kW	13,0A	R32/1,10kg	E.C.A. [®]
Vitoclima 200-S/HE W2068MDH3 (Indoor unit) with Vitoclima 200-S/HE OSW2068MDH3 (Outdoor unit)	2,9kW	-	R32/1,10kg	VIESSMANN
AS68RDAHRA-TU (Indoor unit) with 1U68MRAFRA-TU (Outdoor unit)	2,3kW	11,5A	R32/0,90kg	Haier

Other aspects:

Added new models, which were marked in "**Bold**" in above model list. The new models AS68RDAHRA-TU (Indoor unit) with 1U68MRAFRA-TU (Outdoor unit) are similar as original corresponding model AS24PDAHRA (Indoor unit) with 1U24MRAFRA (Outdoor unit) except the model name. After evaluation, no necessary test needed. All test results can refer to history report ABUV-ESH-P20100632B-1-A6.

4 CONCLUSION

The apparatuses Split type air conditioner and models Refer to the Clause 3.1 are in compliance with the requirements of the standards EN IEC 55014-1:2021, EN IEC 55014-2:2021, EN IEC 61000-3-2:2019+A1:2021 and EN 61000-3-3:2013+A1:2019+A2:2021.

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