





LCIE

TEST REPORT N°: ABUV-ESH-P21111265B-1-A3

Supplement "A3" to test report No.: ABUV-ESH-P21111265B-1-A2 dated on 2022-09-13

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 : 4 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 :	Single split type room air conditioner	
TRADE MARK :	Haier, HEC, Tronic, OLEFINI, CANDY	
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
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CLAUSES EXAMINED :	All Clauses Relevant.
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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

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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, Max work pressure: 4,3MPa, outdoor unit: IPX4, T1					
	Model No.	Rated power input	Rated current input	Refrigerant	Trade Mark
Series 1	AS09THRHR (indoor unit) with 1U09YERFRA (outdoor unit)	1,2kW	5,3A	R32/ 0,50kg	Haier
	AS12THRHR (indoor unit) with 1U12YERFRA (outdoor unit)	1,5kW	6,6A	R32/ 0,55kg	Haier
Series 2	HEC25T0-IN (indoor unit) with HEC25T0-OU (outdoor unit)	1,20kW	5,3A	R32/ 0,50kg	HEC
	HEC35T0-IN (indoor unit) with HEC35T0-OU (outdoor unit)	1,50kW	6,6A	R32/ 0,55kg	HEC
Series 3	HSU-09T0R32(DB)-IN (indoor unit) with HSU-09T0R32(DB)-OUT (outdoor unit)	1,20kW	5,3A	R32/ 0,50kg	N/A
	HSU-12T0R32(DB)-IN (indoor unit) with HSU-12T0R32(DB)-OUT (outdoor unit)	1,50kW	6,6A	R32/ 0,55kg	N/A
Series 4	TRK09INVDMEI (indoor unit) with TRK09INVDMEO (outdoor unit)	1,2kW	5,3A	R32/ 0,50kg	Tronic
	TRK12INVDMEI (indoor unit) with TRK12INVDMEO (outdoor unit)	1,5kW	6,5A	R32/ 0,55kg	Tronic
Series 5	OLE-09DIH (indoor unit) with OLE-09DIH (outdoor unit)	1,2kW	-	R32/ 0,50kg	OLEFINI
	OLE-12DIH (indoor unit) with OLE-12DIH (outdoor unit)	1,5kW	-	R32/ 0,55kg	OLEFINI
Series 6	CY-09TBIN (indoor unit) with CY-09TBOUT (outdoor unit)	1,20kW	5,3A	R32/ 0,50kg	CANDY
	AS09PHBHRA (indoor unit) with 1U09YERFRA (outdoor unit)	1,20kW	5,3A	R32/ 0,50kg	Haier

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	AS25PHBHRA (indoor unit) with 1U25YERFRA (outdoor unit)	1,20kW	5,3A	R32/ 0,50kg	Haier
	AS25RHBHRA (indoor unit) with 1U25YERFRA (outdoor unit)	1,20kW	5,3A	R32/ 0,50kg	Haier
Series 7	CY-12TBIN (indoor unit) with CY-12TBOUT (outdoor unit)	1,50kW	6,5A	R32/ 0,55kg	CANDY
	AS12PHBHRA (indoor unit) with 1U12YERFRA (outdoor unit)	1,50kW	6,5A	R32/ 0,55kg	Haier
	AS35PHBHRA (indoor unit) with 1U35YERFRA (outdoor unit)	1,50kW	6,5A	R32/ 0,55kg	Haier
	AS35RHBHRA (indoor unit) with 1U35YERFRA (outdoor unit)	1,50kW	6,5A	R32/ 0,55kg	Haier
Series 8	AS25RHBHRA-TU (indoor unit) with 1U25YERFRA-TU (outdoor unit)	1,20kW	5,3A	R32/ 0,50kg	Haier
	AS35RHBHRA-TU (indoor unit) with 1U35YERFRA-TU (outdoor unit)	1,50kW	6,5A	R32/ 0,55kg	Haier

Other aspects:

This report is updated report based on history report ABUV-ESH-P21111265B-1-A2 for adding new model, which were marked in "**Bold**" in above model list are similar as original corresponding model AS09PHBHRA(indoor unit) with 1U09YERFRA(outdoor unit) and AS12PHBHRA(indoor unit) with 1U12YERFRA(outdoor unit) in history report ABUV-ESH-P21111265B-1-A2 except the model name. After evaluation, no necessary test needed. All test results can refer to history report ABUV-ESH-P21111265B-1-A2.

4 CONCLUSION

The apparatuses Single split type room 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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