

Technical data:

Trademark	AirQuality MESP
Type of Appliance.....	Portable appliance
Type / Model	KJ400F-01A
Rated Input Voltage(V)	110-240 V~
Rated Frequency (Hz)	50-60 Hz
Rated Power(W).....	55 W
Rated Current (A)	N/A
Principle	Micro Electrostatic

Rating label

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Test result:

The submitted samples were tested as requested and the following results were obtained.

1. Test standard: GB/T 18801-2015: Air cleaner

Test item: CADR (Particles)

Test items and requirements				Test result and note			Verdict
Clause	Item	Unit	Limit value	Rated value	Measured value	Grade	
CADR	Particles	m ³ /h	≥90% of rated value	400	435.2	---	Pass
Cleaning energy efficiency-CEE	Input power	W	--	55	53.4	---	---
	Particles	m ³ /(h·W)	≥90% of rated value	--	8.2	High efficiency	Pass
			≥2.00				Pass
Noise	Noise	dB(A)	66	--	48.6	--	Pass

Note:

1. Test program: at the highest setting.
2. Standard Material List

Standard Material List			
Name	Parameter	Manufacturers	Use this time (√)
Test chamber	3.5mx3.4mx2.5m=30m ³	China Household Electric Appliance Research Institute	√
Hongta tobacco	Flue-cured tobacco, nicotine: 0.8mg, tar: 8mg, carbon monoxide: 9mg	Hongta Tobacco (Group) Co., Ltd.	√



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2.Refer to test standard: GB 21551.3 -2010 Annex A

Test item: air virus removal effect test

Clause	Item	Time	Test No.	Air virus concentration value TCID ₅₀ /m ³	Removal rate(%)
Annex A	H1N1 (A/PR/8/34) MDCK Cell	0(CK)	1	2.44x10 ⁶	
			2	1.94x10 ⁶	
			3	2.44x10 ⁶	
		60 min	1	<97.3*	>99.99
			2	<97.3*	>99.99
			3	<97.3*	>99.99

Note: Natural attenuation was taken into account for the calculation of bacterial removal effectiveness.

*: Limited value of measured equipment.



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3. Test standard: IEC 60335-2-65: 2002+A1:2008+A2:2015, IEC 60335-1: 2010+A1:2013+A2:2016 Clause 32: The ozone concentration measurement during the normal operation.

Ozone concentration test	SUB-CLAUSE: 32	
Compliance is checked by the following test, which is carried out in a room without openings having dimensions of 2.5 m*3.5 m*3.0 m, the walls being covered with polyethylene sheet. The appliance is positioned in accordance with the instructions. Appliances used on a table are placed in the centre of the room approximately 750mm above the floor. The room is maintained at approximately 25 °C and 50% relative humidity. The appliance is supplied at rated voltage for 24h, removable filters being removed if this is more unfavourable. The ozone sampling tube is to be located in the air stream 50 mm from the air outlet of the appliance. The background ozone concentration measured prior to the test is subtracted from the maximum concentration measured during the test. The percentage of ozone in the room shall not exceed 5×10^{-6}. Test voltage: 240 V~		
Result	The percentage background of Ozone concentration of O ³ (before the test):	0.0119x10 ⁻⁶
	The maximum percentage of Ozone concentration of O ³ (during the test):	0.0168x10 ⁻⁶
	The percentage of Ozone concentration produced by product:	0.0049x10 ⁻⁶
	The percentage of Ozone in the room shall not exceed:	5x10 ⁻⁶
	Verdict	Pass
Remark:		



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Photo documents:



General view



General view



General view



Open view

*** End of Report***



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