



TEST REPORT

Reference No..... : WTD22F02015874G
Applicant..... : Martin Industries Ltd.
Address..... : Unit 8. Milton Business Centre. Wick Drive. New Milton. Hampshire.
BH25 6RH, The United Kingdom.
Manufacturer..... : Martin Industries Ltd.
Address..... : Unit 8. Milton Business Centre. Wick Drive. New Milton. Hampshire.
BH25 6RH, The United Kingdom.
Product Name..... : Air Purifier
Model No..... : AXP-200, AXP-400, AXP-800, AXP-1200, AXP-1600
Ratings..... : 100-240V~, 50-60Hz
Standards..... : BS EN 60704-1:2010+A11:2012
Date of Receipt sample..... : 2022-01-14
Date of Test..... : 2022-01-17 to 2022-01-20
Date of Issue..... : 2022-02-11
Test Report Form No..... : WST-133188-01A
Test Result..... : See below

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

Prepared By:

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Approved by:

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Jerry Mu / Manager



List of test items:

No.	Test Items	Requirement + Test	Result
1	Noise Test	BS EN 60704-1-2010+A11-2012	See below
<p>Subcontract Whether parts of tests for the product have been subcontracted to other labs: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, list the related test items and lab information: Test items: -- Lab information: --</p>			
<p>Remarks:--</p>			

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Speed mode :	1				
Test voltage (V) :	230				
Temperature (°C) :	20.8 / 21.2				
Relative humidity (%) :	63.2 / 62.9				
Atmospheric pressure (kPa) :	100.7 / 100.5				
Background sound pressure level (dB(A)) :	17.0				
Model	AXP-200	AXP-400	AXP-800	AXP-1200	AXP-1600
Microphone position	Data/dB(A)				
1	21.5	22.4	22.5	22.0	20.5
2	21.6	21.3	20.8	20.4	20.6
3	21.4	22.0	21.2	21.4	20.3
4	21.8	21.2	21.5	21.9	21.7
5	20.3	20.5	20.6	20.0	19.6
6	20.6	19.4	20.9	19.9	19.9
7	20.2	19.1	19.5	19.0	19.2
8	20.2	19.0	20.0	18.9	19.2
9	19.5	20.1	19.4	19.6	20.1
Lpm (the averaged sound pressure level)	20.9	20.7	20.8	20.5	20.2
Lw (sound power level)	33.9	34.2	34.8	35.1	35.3
<p>Note:</p> <ol style="list-style-type: none"> $S = 2 (2bc + 2ac + 2ab)$ 9 key microphones were taken measurement. 					



Speed mode :	2				
Test voltage (V) :	230				
Temperature (°C) :	20.8 / 21.2				
Relative humidity (%) :	63.2 / 62.9				
Atmospheric pressure (kPa) :	100.7 / 100.5				
Background sound pressure level (dB(A)) :	17.0				
Model	AXP-200	AXP-400	AXP-800	AXP-1200	AXP-1600
Microphone position	Data/dB(A)				
1	29.5	30.5	32.6	32.6	34.8
2	28.7	30.2	30.9	33.9	29.7
3	27.9	31.4	31.8	33.8	33.8
4	28.1	30.3	32.6	32.6	37.0
5	26.5	29.2	29.8	29.8	28.7
6	25.7	27.7	28.7	30.7	29.1
7	26.9	27.3	28.1	30.1	27.1
8	23.1	27.2	29.4	29.9	27.4
9	33.0	28.8	29.3	29.3	28.1
Lpm (the averaged sound pressure level)	28.5	29.4	30.6	31.8	32.1
Lw (sound power level)	41.6	42.9	44.6	46.4	47.3
<p>Note:</p> <ol style="list-style-type: none"> 1. $S = 2(2bc + 2ac + 2ab)$ 2. 9 key microphones were taken measurement. 					



Speed mode :	3				
Test voltage (V) :	230				
Temperature (°C) :	20.8 / 21.2				
Relative humidity (%) :	63.2 / 62.9				
Atmospheric pressure (kPa) :	100.7 / 100.5				
Background sound pressure level (dB(A)) :	17.0				
Model	AXP-200	AXP-400	AXP-800	AXP-1200	AXP-1600
Microphone position	Data/dB(A)				
1	32.5	37.4	41.1	42.5	42.4
2	31.9	35.2	38.7	39.2	41.7
3	32.1	36.0	40.3	40.0	41.3
4	32.3	36.9	41.2	42.2	43.2
5	30.7	35.0	37.5	38.2	39.1
6	31.3	33.8	37.0	39.8	39.6
7	30.5	34.2	36.1	39.3	39.1
8	30.6	33.4	37.3	38.5	38.6
9	30.4	34.3	36.6	39.0	40.2
Lpm (the averaged sound pressure level)	31.4	35.3	38.8	40.1	40.8
Lw (sound power level)	44.5	48.8	52.8	54.7	56.0
Note: 1. $S = 2(2bc + 2ac + 2ab)$ 2. 9 key microphones were taken measurement.					



Speed mode :	4				
Test voltage (V) :	230				
Temperature (°C) :	20.8 / 21.2				
Relative humidity (%) :	63.2 / 62.9				
Atmospheric pressure (kPa) :	100.7 / 100.5				
Background sound pressure level (dB(A)) :	17.0				
Model	AXP-200	AXP-400	AXP-800	AXP-1200	AXP-1600
Microphone position	Data/dB(A)				
1	35.5	42.6	47.7	50.4	50.5
2	37.6	46.4	48.7	52.9	52.2
3	34.5	41.1	47.4	49.5	50.2
4	34.2	41.2	45.6	47.3	46.9
5	32.9	39.9	44.6	46.3	45.8
6	33.4	38.6	44.6	46.0	44.7
7	32.6	38.2	43.1	44.9	45.2
8	32.7	38.2	43.5	45.5	45.8
9	31.8	38.4	42.1	45.1	46.0
Lpm (the averaged sound pressure level)	34.3	41.4	45.8	48.4	48.3
Lw (sound power level)	47.4	54.9	59.8	63.0	63.5

Note:

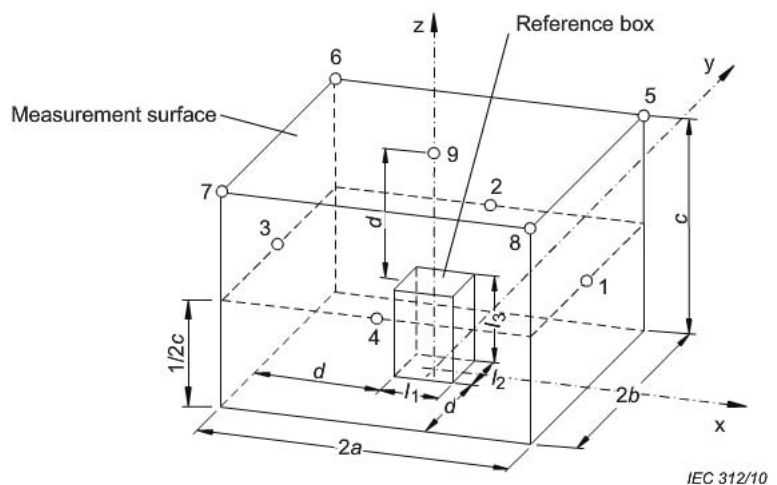
1. $S = 2(2bc + 2ac + 2ab)$
2. 9 key microphones were taken measurement.

Co-ordinates of microphone positions:

N°	x	y	z
1	a	0	0,5c
2	0	b	0,5c
3	-a	0	0,5c
4	0	-b	0,5c
5	a	b	c
6	-a	b	c
7	-a	-b	c
8	a	-b	c
9	0	0	c

Measurement surface area:

$$S = 2(2bc + 2ac + 2ab)$$



IEC 312/10



Photo Documentation:



Photo 1-- AXP-200



Photo 2-- AXP-400



Photo 3 -- AXP-800



Photo 4 -- AXP-1200

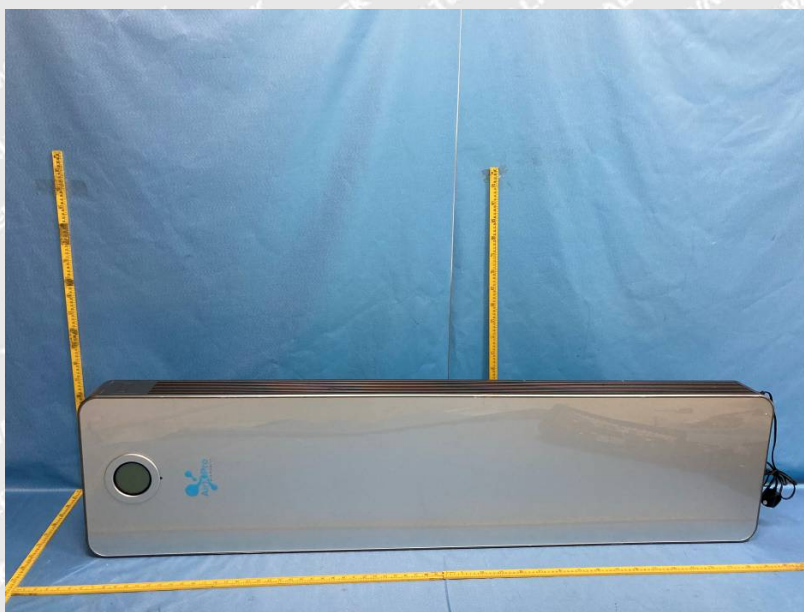


Photo 5 -- AXP-1600

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Equipment Used during Test :

Equipment	Model/Type	Due Date
Semi-anechoic Laboratory room	4.5m×5.8m×2.8m	2023-10-30
Sound level meter	AMA6290M	2022-07-18
Sound Level Calibrator	AWA6221A	2022-07-05
Power Meter	PF9808B	2022-03-01
Temperature, Humidity, Tmospheric-pressure gauge	622	2022-07-09
Measured tape	3m	2022-03-01

===== End of Report=====

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