

## Test Results Report

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Removal performance test of PM2.5 particulate matters in the air using Airvida L1  
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May 9<sup>th</sup>, 2016

Messrs. 鴻辰通訊股份有限公司

We hereby report the test result on the above captioned test requested.

Description

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Report No. 216S-755  
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If you have any question, please contact the following office.

FAR INFRARED ASSOCIATION  
4-9-11 MINAMISENBA, CHUOKU, Osaka 542-0081 Japan

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### Test item:

To check the removable performance of the PM2.5 particulate matters in the air when Airvida L1 is used which is offered to test.

Test sample: Airvida L1

### Test condition:

- 1) Test date May 2<sup>nd</sup>, 2016
- 2) Test environment Room temperature 21°C Humidity 41%
- 3) Measurement instrument Product of DYDOS CORPORATION; DC110 Pro-B type

### Test method:

We put the PM2.5 particulate matters of the concentration of 64,000 pieces/280cc in the box of 60L (50cmx40cmx30cm), and measured the concentration as a time elapses and the measurement result was used as a blank test. Next, we set Airvida L1 in the standing condition at the center in the box, put in the PM2.5 particulate matters of the concentration as mentioned above, measured the concentration as a time elapses and then carried out the comparative verification.

By setting the initial concentration at 100% as a numerical value to display, we carried out the comparative verification in percent figures that PM2.5 is decreasing.

Test Result:

Removal performance test result of PM2.5 by using Airvida L1

	Lapse time				Removal rate
	Initial concentration	10 min. later	20 min. later	30 min. later	
Airvida L1	100	28.1	3.6	0.1	99.9
Blank test	100	89.3	84.5	75.4	24.6

(Unit: %)

Conclusion:

When AirvidaL1 is used which has been offered to test, the removal rate of PM2.5 reached 99.9% after 30 minutes passed. Meanwhile, it stopped at 24.6% in the case of the blank test. According to this result, it is indicated that Airvida L1 has an appreciable effect in removing PM2.5 in the air.

This test result is only the result by the regular closed space test, and it is not the verification test in the actual use space (Please clearly express this fact in brochures).

Removal performance test result of PM2.5

