

Annex: Test Results of Air Purifiers Test

Air purifier model which did not performed as claimed



Brand: Panasonic		
Item: Air Cleaner		
Model No: F-PMF35A		
Time frame	Total Bacteria Count (cfu/m ³ of air)	Total Yeast and Mould Count (cfu/m ³ of air)
0 minute	650	470
60 minutes	60	100
Reduction Rate (%)	90.77	78.72
Claim (%)	>99	>99

The model from Panasonic did not perform as advertised, with the test results failing to match up to their claims. For the total bacteria count test, the difference between the claims and results was 8.23%.

For the total yeast and mould count, the difference between the claims and results was 16.28%.

Results of Total Bacteria Count Test

No	Brand	Item	Model	Reduction Rate (%)
1	Novita	Air Cleaner with Built-in Ionizer	NAP 101	99.39
2	Sharp	Ion Plasmacluster Air Purifier	FU-Z31E	96.69
3	Olee Ioncare	HEPA Air Purifier w/ Hygrothermograph & Mood Light	GH2173	95
4	Panasonic	Air Cleaner	F-PMF35A	90.77
5	Hitachi	Air Purifier	EP-A3000	85.83
6	Mistral	Air Purifier with Handheld Vacuum	AV1	83.64
7	Maier	Gemini Bio-HEPA Air Purifier	MHI-6330	73.5

The model from Novita performed the best, with the level of bacteria being reduced by 99.39% and the model from Maier performed the worst, with the level of bacteria being reduced by 73.5%.

Results of Total Yeast & Mould Count Test

No	Brand	Item	Model	Reduction Rate (%)
1	Maier	Gemini Bio-HEPA Air Purifier	MHI-6330	87.14
2	Panasonic	Air Cleaner	F-PMF35A	78.72
3	Olee Ioncare	HEPA Air Purifier w/ Hygrothermograph & Mood Light	GH2173	76.6
4	Novita	Air Cleaner with Built-in Ionizer	NAP 101	74.51
5	Sharp	Ion Plasmacluster Air Purifier	FU-Z31E	68.75
6	Hitachi	Air Purifier	EP-A3000	58.97
7	Mistral	Air Purifier with Handheld Vacuum	AV1	50

The model from Maier performed the best, with the level of yeast and mould being reduced by 87.14% and the model from Mistral performed the worst, with the level of bacteria being reduced by 50%.