

AC-P800R

AC-P509R

## AOM AC - Series

Industrial Portable Air Cleaner

### Air Treatment Process

- 1 Pre-Filter**  
Traps large particulates and dander
- 2 ESP Cell**  
Uses Electrostatic Precipitation (ESP) technology to filter minute particulates down to 0.01 micron
- 3 Activated Carbon Filter**  
Removes odor via chemical adsorption
- 4 Photocatalytic Filter**  
Uses photocatalysis of Titanium Dioxide to create free radicals to decontaminate the air and further reduce odor
- 5 UV Light**  
Uses UV germicidal irradiation to kill bacteria and micro-organisms



### Independently Tested



Proven to conform to stringent safety regulations and deliver effective filtration efficiency.

### 99.99% Anti-Bacterial Efficacy



Achieves 99.99% bacteria removal, meeting the demanding JIS Z 2801:2000 Japanese Standard.

### In-Built Pollution Sensor



Continuously monitors indoor air, automatically adjusting filtration speed based on detected pollution levels.

### Low Noise Production



Features a turbine-type fan for reduced noise, enhanced durability, and lower power consumption.

## Technical Specifications

Model	AC-P509R	AC-P800R
Size(mm)	855 x 432 x 327 mm	690 x 335 x 750 mm
Weight(kg)	26	37
Power Consumption(W)	62	120
Coverage Area(sqm)	70 sqm or 753.5 sqft	150 sqm or 1,614.6 sqft
Filtration Efficiency	0.3 µm at 99.7%	
Noise Level(dBA)	50 dBA (Hi) 47 dBA (Med) 36 dBA (Low)	51 dBA (Hi) 47 dBA (Med) 41 dBA (Low)
Anti-Microbial Efficacy	99.99% (JIS Z 2801:2000)	
Purification Method	Pre-Filter, ESP, Activated Carbon Filter,UV+TiO2	
Airflow(CHM)	765 CMH or 450.3 CFM (Hi) 586 CMH or 344.9 CFM (Med) 315 CMH or 185.4 CFM (Low)	2,000 CMH or 1,177.2 CFM (Hi) 1,200 CMH or 706.3 CFM (Med) 600 CMH or 353.1 CFM (Low)

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