

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.

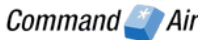
## Technical Specifications

| 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 $\mu$ m at 99.7%                                                                  |                                                                                             |
| Noise Level(dBA)        | 50 dBA (Hi)<br>47 dBA (Med)<br>36 dBA (Low)                                           | 51 dBA (Hi)<br>47 dBA (Med)<br>41 dBA (Low)                                                 |
| Anti-Microbial Efficacy | 99.99% (JIS Z 2801:2000)                                                              |                                                                                             |
| Purification Method     | Pre-Filter, ESP, Activated Carbon Filter, UV+TiO <sub>2</sub>                         |                                                                                             |
| Airflow(CHM)            | 765 CMH or 450.3 CFM (Hi)<br>586 CMH or 344.9 CFM (Med)<br>315 CMH or 185.4 CFM (Low) | 2,000 CMH or 1,177.2 CFM (Hi)<br>1,200 CMH or 706.3 CFM (Med)<br>600 CMH or 353.1 CFM (Low) |

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