



# AOM AC – Series

## Ceiling Mounted Electronic Air Cleaner

- 1** Air Inlet Grille prevents larger objects, like insects, from entering the air cleaner.
- 2** Pre-Filter serves as a protective shield for the electronic cell by trapping large dust particles
- 3** Electronic Cell performs electrostatic precipitation function by filtering particles with microscopic size as small as 0.01 micron (over 95% efficiency)
- 4** Activated Carbon effectively removes odor in a process known as chemical adsorption
- 5** The process of photocatalysis on Titanium Dioxide (TiO<sub>2</sub>) generates free radicals (hydroxyl radicals) to decontaminate the air
- 6** Ultraviolet Germicidal Irradiation is a disinfection method that uses a UV light to kill microorganisms
- 7** The suction fan draws airborne pollutants such as allergens, bacteria, dust, microscopic organisms, mold, and Volatile Organic Compounds into the air cleaner for treatment/removal



### 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.



AC-605DR



AC-680R



AC-1000R

## Technical Specifications

Model	AC-605DR	AC-680R	AC-1000R
Size(mm)	580 x 580 x 345	580 x 580 x 345	580 x 1,170 x 345
Weight(kg)		22	43
Power Consumption(W)		60	120
Coverage Area(sqm)	80	70	130
Filtration Efficiency	0.3 µm at 99.7%		
Noise Level(dBA)		49 (Hi) 45 (Med) 40 (Low)	52 (Hi) 47 (Med) 42 (Low)
Anti-Microbial Efficacy	99.99% (JIS Z 2801:2000)		
Purification Method	Pre-Filter, ESP, Activated Carbon Filter, UV+TiO2		
Airflow(CHM)	1,200 (Hi) 850 (Med) 450 (Low)	1,020 (Hi) 680 (Med) 425 (Low)	1,780 (Hi) 1,440 (Med) 860 (Low)

# Trusted by Industry Leaders

