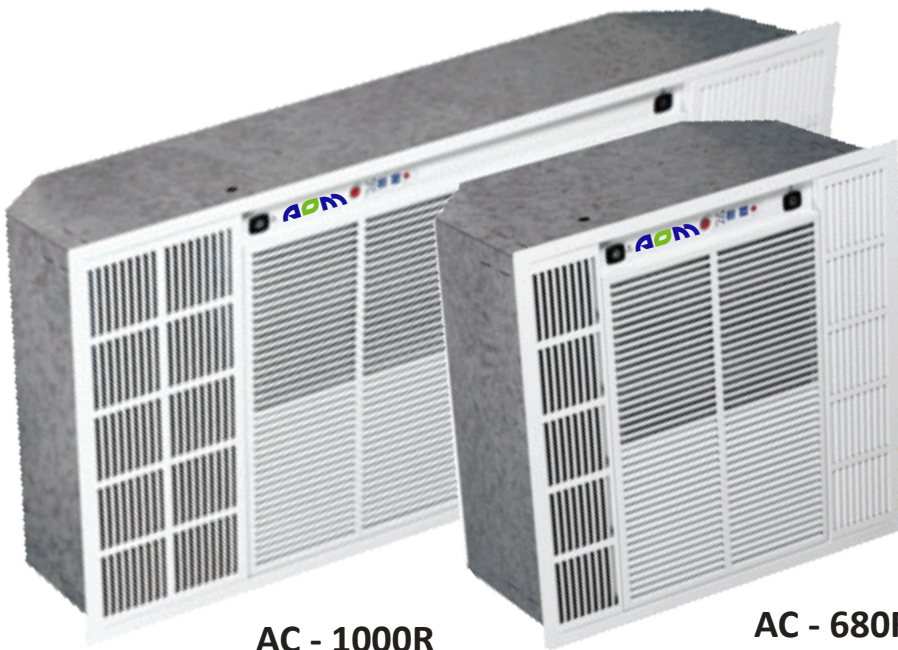




Care for the air you breathe

AOM AC - Series

Ceiling Mounted Electronic Air Cleaner



AC - 1000R

AC - 680R



AC - 605R

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)

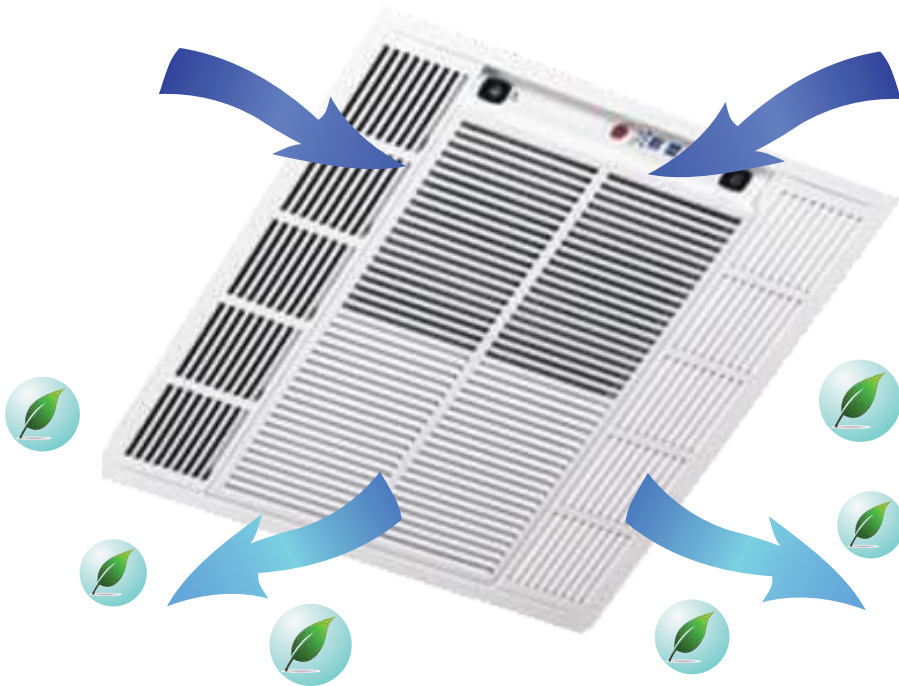
4 Activated Carbon effectively removes odor in a process known as chemical adsorption



5 The process of photocatalysis on Titanium Dioxide (TiO₂) generates free radicals (hydroxyl radicals) to decontaminate the air

6 Ultraviolet Germicidal Irradiation is a disinfection method that uses short wavelength (254 nm) to kill micro-organisms

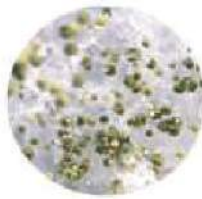
7 The suction fan draws airborne pollutants such as dust, microscopic organisms, bacteria, virus, allergens, mold and volatile organic compounds (VOCs) into the air cleaner for treatment/removal



Bacteria



Virus



Pollen



Mold



Smoke



Dust



V. O. C



Haze

Model	AC - 605DR	AC - 680R	AC - 1000R
Size (mm)	580 x 580 x 345	580 x 580 x 345	1170 x 580 x 345
Power supply	AC 220V, 50Hz/60Hz	AC 220V, 50Hz/60Hz	AC 220V, 50Hz/60Hz
Power consumption (W)	61	61	120
Purification methods (dimensions in mm)	Pre-filter, electronic cell, carbon filter, photocatalyst TiO ₂ , UV-C	Pre-filter, electronic cell, carbon filter, photocatalyst TiO ₂ , UV-C	Pre-filter, electronic cell, carbon filter, photocatalyst TiO ₂ , UV-C
Purification efficiency	0.3µm at 99.97%	0.3µm at 99.97%	0.3µm at 99.97%
Fan speed (m ³ /h)	Low: 450, Medium: 850, High: 1200	Low: 450, Medium: 700, High: 1000	Low: 900, Medium: 1400, High: 1800
Noise level (dB)	Low: 40, Medium: 45, High: 49	Low: 40, Medium: 45, High: 49	Low: 42, Medium: 47, High: 52
Area coverage (m ²)	80	70	130
Timer (hr)	1, 2, 4, 8	1, 2, 4, 8	1, 2, 4, 8
Weight (kg)	22	22	43
Type	Ceiling surface mounted/ drop mounted	Ceiling flush mounted	Ceiling flush mounted



Installation of AOM AC - Series Ceiling - Mounted Air Cleaner

