

MEDAIR

601 and 504

model comparison table

Summary Table of MEDAIR 4 Models



Feature / Models	ElectroMed	MediaMed	ChemMed	CarbonMed
Washable Nano-silver Antimicrobial Metal Filter	Permanent	Permanent	Permanent	Permanent
Energy Saving LED UV Lamp	Permanent	Permanent	Permanent	Permanent
Washable PCO Metal Filter	Permanent	Permanent	Permanent	Permanent
Plasma Ion Generator	Permanent	Permanent	Permanent	Permanent
Washable Stainless Steel EP Chamber	Permanent (Never Replace)			
True HEPA Chamber (Replace)	Around 1 – 1.5 year (12 Hrs per day)			
Catalytic Chemical Chamber (Replace)	Around 2 – 3 Years (12 Hrs per day)			
Honeycomb Carbon Chamber (Replace)	Around 0.5 – 1 Year (12 Hrs per day)			
Empower Air Purification Chamber Feature	Focus for fine dust particles size as small as 0.01um or less including smoke and virus	Focus for fine dust particles size as small as 0.3um or above including pollen, allergy & bacteria	Focus for toxic chemical gas including TVOC & HCHO etc... and also bad odor. For where pollutant source is continuously	Focus for wide range of chemical gas and strong odor. For request purify in extreme short period of time
Fine Dust Particles remove	Very effective (The smaller the particles, the better performance will be got under (EP) theory e.g. 0.01um, 0.001um...). The smaller in size, the less in weight, then more easy be attract by EP chamber	Very effective for particles > 0.3um. HEPA is one of the international standard, this standard is measure at 0.3um only	Effective for PM10 or above by pre-filter, PCO Filter and Plasma Ion Generation into the room air. The (-) charge of plasma ion will help to make fine particle become large and finally drop down on floor	Effective for PM10 or above by pre-filter, PCO Filter and Plasma Ion Generation into the room air. The (-) charge of plasma ion will help to make fine particle become large and finally drop down on floor
PM2.5 and PM10 remove	Very effective. The wide effective functioning range of EP make ElectroMed is powerful for remove PM2.5 and PM10.	Very effective. The particles size of PM2.5 and PM10 is larger than HEPA 0.3um, so MediaMed is effective	Effective for PM10 or above by pre-filter, PCO Filter and Plasma Ion Generation into the room air.	Effective for PM10 or above by pre-filter, PCO Filter and Plasma Ion Generation into the room air.
Allergy and Pollen remove	Very Effective. Allergy and Pollen size from few um to over 10um	Very Effective. Allergy and Pollen size from few um to over 10um	Normal Effective. For some of them when over 10um	Normal Effective. For some of them when over 10um

Smoke remove	Very Effective. Smoke particle may small as from 0.01um to few um. At the same time, harmful chemical from smoke will be removed by PCO filter and Plasma Ion	Normal Effective. For some smoke size may over 0.3um. At the same time, harmful chemical from smoke will be removed by PCO filter and Plasma Ion	Not effective on particles remove but the ChemMed chemical filter is very effective for remove smoke created a thousands harmful chemical substance.	Not effective on particles remove but the CarbonMed carbon filter is very effective for absorb smoke created a thousands harmful chemical substance.
Bacteria and Virus remove	Very effective for both bacteria and virus. Most bacteria size may over few um, most virus size may small as 0.1, 0.2um or less. We should understand the smaller the size, the better performance will be got under theory of EP	Very effective for bacteria and part of virus. HEPA can direct filter out most bacteria and particle >0.3um, part of airborne virus may stick with dust particles, then they may also be filter out by HEPA finally	Normal effective for bacteria and virus by internal Nano-silver Antimicrobial Filter, PCO Filter and Plasma Ion Generation. Bacteria & virus will be direct kill when contact with the pre-filter and PCO filter. Plasma Ion will further kill them all in room	Normal effective for bacteria and virus by internal Nano-silver Antimicrobial Filter, PCO Filter and Plasma Ion Generation. Bacteria & virus will be direct kill when contact with the pre-filter and PCO filter. Plasma Ion will further kill them all in room
Chemical remove e.g. TVOC and HCHO etc...	Normal Effective. Chemical gas will be remove by PCO filter & Plasma Ion generation	Normal Effective. Chemical gas will be remove by PCO filter & Plasma Ion generation	Very effective. ChemMed chemical chamber is specially design for continuous chemical gas and bad odor remove	Very effective. CarbonMed carbon chamber is specially design for absorb wide range of heavy chemical gas and bad odor
Bad odor remove	Normal Effective. Bad odor will be remove by PCO filter & Plasma Ion generation	Normal Effective. Bad odor will be remove by PCO filter & Plasma Ion generation	Very effective. Bad odor will continuous be oxidized by the catalytic chemical chamber	Very effective. Strong & bad odor will be absorb by the carbon chamber in one pass immediately

