



medical air treatment unit
style... advance... professional



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MedAirTM 

Summary 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, bacteria and virus, PM2.5 and PM10	Focus for fine dust particles size as small as 0.3um or above including pollen, allergy & bacteria, PM2.5 and PM10	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

For more detail of MEDAIR 601 and 504: www.medair.asia > download zone



Chinese Video



English Video



Webpage



Air Treatment Unit
Indoor Air Quality solution specialist

Design for 0.01 and 0.3 um fine dust particle e.g. Smoke
Effective to remove bacteria and virus
Permanent design : Free of consumable parts
Extreme silent, energy saving and environmental
PM2.5 Level Real Time Monitoring
Humanization Programming Control
Cleaning Service Pack included

PM2.5

real time monitoring
medical air treatment unit



GERMANY



MEDAIR intelligent air purifier: 4 advance Air Filtration Chamber design. (ElectroMed, MediaMed, ChemMed, CarbonMed). Not only remove the fine dust particle PM2.5 and PM10 in the air and also effective to kill a variety of microorganisms (bacteria and virus), to remove the bad odor and harmful toxic gases including (TVOC, HCHO Benzene, Ozone etc...) in air. The EP filtration chamber of Electro Chamber is also as the cigarette smoke killer, this chamber can effective to filter out smoke particle down to 0.01um.

MEDAIR standard filtration process: With the patented extreme silent Magnetic Induction fan, polluted indoor air will be draw into the machine through the Nano-silver Antimicrobial Pre-filter, Filtration Chamber, photocatalyst filter (PCO) and energy saving LED UV lamp. Plasma Ion Generator then provide large amount of (+/-) ion into the indoor air and make the environment become more hygiene and fresh finally.



MEDAIR medical air treatment units certificates: CE, GS, ROHS, ISO9001, CCC, CNAS and IAF.

Specification / Models

	601	MEDIAIR ElectroMed 601	MEDIAIR MediaMed 504	MEDIAIR ChemMed 601	MEDIAIR ChemMed 504	MEDIAIR CarbonMed 601	MEDIAIR CarbonMed 504
Service area available (ft.2) * 10 ft.2 height	601 700 - 900 ft.2 504 500 - 600 ft.2			600 - 800 ft.2 400 - 500 ft.2		600 - 800 ft.2 400 - 500 ft.2	
Speed Control: 1,2,3,4,5,Auto	601 YES 504 YES			YES YES		YES YES	
Air Flow Rate m3/hr (cfm)	601 S1: 150 (90) / S2: 280 (167) / S3: 390 (227) / S4: 560 (334) / S5: 680 (406) 504 S1: 120 (72) / S2: 190 (113) / S3: 290 (173) / S4: 400 (239) / S5: 500 (299)						
Service area with best performance recommend ft.2	601 S1: < 100 / S2: 280 / S3: 400 / S4: < 580 / S5: < 700 504 S1: < 80 / S2: 190 / S3: 290 / S4: < 410 / S5: < 500						
Number of Air Change per hour (ACH) provide	601 5 Air Change per hour in 544 ft.2 504 5 Air Change per hour in 400 ft.2						
Remote Controller / Air Monitoring Sensor / Safety Door Lock	601 YES 504 YES						
Programming Setting	601 YES. Refer to MEDIAIR Programming Operation Manual 504 YES. Refer to MEDIAIR Programming Operation Manual						
Light Touch LCD Display and Control	601 YES. Light touch with finger tip and LCD display with blue light background 504 YES. Light touch with finger tip and LCD display with blue light background						
Machine Cleaning Services Pack	601 YES. Full set for each machine 504 YES. Full set for each machine						
Dimension H x W x D (mm)	601 990 H x 425 W x 260 D (mm) 504 625 H x 430 W x 260 D (mm)						
Weight (kg)	601 23 504 15		23 15		23 15		25 16
Noise (dB)	601 S1: < 8 / S2: < 12 / S3: < 28 / S4: < 42 / S5: < 50 504 S1: < 7 / S2: < 10 / S3: < 15 / S4: < 28 / S5: < 45						
Electrical Voltage and Power Cord	601 110 - 220V / 50-60 Hz / 1.5 meter length 504 110 - 220V / 50-60 Hz / 1.5 meter length						
Power consumption (w)	601 S1: < 12 / S2: < 28 / S3: < 38 / S4: < 50 / S5: < 65 504 S1: < 10 / S2: < 25 / S3: < 32 / S4: < 42 / S5: < 50						

Filter Specification / Models

	601 504	ElectroMed ElectroMed	MediaMed MediaMed	ChemMed ChemMed	CarbonMed CarbonMed
<u>Standard Filtration Process</u>					
Washable Nano-silver Antimicrobial Pre-filter	601 YES. Metal constructed Washable and Permanent use 504 YES. Metal constructed Washable and Permanent use				
Photocatalytic TiO2 Filter	601 YES. Metal constructed Honeycomb. Washable and Permanent use 504 YES. Metal constructed Honeycomb. Washable and Permanent use				
LED UV Lamp	601 YES. Energy saving and long lifetime LED UV: up to 40,000 hours (5 - 10 Years) 504 YES. Energy saving and long lifetime LED UV: up to 40,000 hours (5 - 10 Years)				
Plasma Ion Generation	601 YES. 6 x 10(6)/cm3 504 YES. 6 x 10(6)/cm3				
<u>Different models individual filtration process</u>					
Electrostatic Preceptor remove 0.01 um fine dust particle (EP)	601 2 EP Chamber 504 1 EP Chamber				
True HEPA Filter remove 0.3 um fine ducts particle	601 504		2 True HEPA 1 True HEPA		
Honeycomb Chemical Catalytic Al. Filter	601 504			2 Chemical Filter 1 Chemical Filter	
Honeycomb Activated Carbon Filter	601 504				2 Carbon Filter 1 Carbon Filter



All MEDAIR air purifier 601 and 504 series are designed with standard filtration process: Washable Pre-filter, Photocatalytic Filter, LED UV Lamp and Plasma Ion Generator. To suit for different indoor environment needs and focusing for specific air pollutants remove purpose, MEDAIR are specially design with 4 different power filtration chambers into the machine. Customer can easily select the most suitable one for her.

4 Filtration Chambers designed by MEDAIR

MEDAIR 504 Electro Chamber filtration chamber

Chamber designed with MEDAIR Metal type Electrostatic Precipitator Filter (EP). Need no consumable filter replace. High CADR can provide. High efficiency to remove PM2.5 and PM10 fine dust particles. Effective to remove cigarette smoke particle at 0.01 um. Powerful to kill bacteria and virus. The best choice for extreme hygiene area.



504 Electro Chamber

MEDAIR 504 Media Chamber filtration chamber

Chamber designed with MEDAIR True HEPA Filter, which can remove 99.97% of 0.3 um fine dust particles. Under the international standard requirement, HEPA Filter is a must to design into a HVAC system of hospital. HEPA filter has been proof can effectively remove fine dust particle and airborne bacteria.

504 Media Chamber



MEDAIR 504 Chem Chamber filtration chamber

Chamber designed with MEDAIR Honeycomb Metal Catalytic Chemical Filter. Effective to remove most common indoor gas pollutants e.g. TVOC, HCHO, benzene, ammonia and smoke smell etc... Long functioning capacity with long replacement lifetime. High air flow capacity for large area use.

504 Chem Chamber



MEDAIR 504 Carbon Chamber filtration chamber

Chamber designed with heavy duty MEDAIR Honeycomb Activated Carbon Filter. Powerful and efficient to absorb strong chemical gas and bad odor. Effective for all kinds of common indoor chemical and odor. Suit for who request strong and fast air purification. High air flow capacity for large area use.

504 Carbon Chamber



MEDAIR Programming
With the style and advance design, MEDAIR light touch display and control panel bring you convenience to set up the machine operation program with your own style and needs.

- Set time for machine On
- Select UV Lamp On/Off
- Select Clock On/Off
- Select Plasma Ion On/Off
- Cleaning Reminder
- Set max. 4 period of time to On/Off within 24 hours
- Check out machine operated time
- Check out PM2.5 Level

- Set time for machine Off
- Select UV Lamp On/Off
- Clock setting
- Select fan speed 1,2,3,4,5 Auto
- Detect air quality and speed up machine automatically
- Memory the program setting
- Program Hold/stop: Hold up and release machine program
- Set disconnect the EP filtration chamber



LED UV Lamp and
Plasma Ion +/-
Generator

4 empower filtration chamber:
Electro Chamber / Media Chamber /
Chem Chamber / Carbon Chamber

Nano-silver
antimicrobial
washable

Purified air
delivery out

Power fan

TiO2 PCO Filter

Pollutant air
draw in

MEDIAIR air filtration process

MEDIAIR Standard Filtration Process:

Washable Pre-filter; Nano-silver Antimicrobial & Lifetime design. To remove medium to large size dust particle, as the 1st step of filtration process.

TiO2 PCO Photocatalytic Filter: Function by LED UV lamp along with a substance, called catalyst that reacts with the UV light. They are intended to destroy gaseous pollutants by converting them into harmless products

LED UV Lamp: Lifetime design. Extreme low energy consume, 40% saving than traditional UV lamp and 5-8 times lifespan longer. This LED UV is designed to function with the TiO2 PCO photocatalytic filter mainly.

Plasma Ion Generator: Lifetime design. To create its own fresh and clean bio-climate in your home or office is based on the same plasma technology originally invented by renowned scientist, Albert Einstein. This bio-climate is rich in active oxygen molecules so your environment feels as clean as the air in nature: high on the mountain tops & forest, near a waterfall.



MedAir Services Pack

Full set Service Kit for customer self clean

Customer can clean up their machine more easily and effectively



MedAir Research

Experience, Research and Development

4 kinds of filtration chamber for different air pollutants removal needs are designed by our experience IAQ engineer



MedAir Advance Filtration Process

ER, HEPA, PCO, Carbon, Catalyst, Ultraviolet, Plasma Ion

4 different models provide different focusing air filtration process:
ElectroMed / MediaMed
ChemMed / CarbonMed



MedAir Rigid & Durable

Rigid & Durable machine body by MedAir

Heavy grade plastic machine body, it make MEDIAIR machine more durable and reliable.



MedAir Washable Filter

Advance lifetime washable filtration chamber

Lifetime filtration chamber MEDIAIR 601 / 504 ElectroMed. The metal chamber provide you Free of consumable parts replacement E.g. HEPA Filter



MedAir Selection Guide

Select the most suitable model for you

To identify your needs, customer can easy to choose the most suitable model by MEDIAIR Selection Guide



1000 Hrs Performance Test

1000 hrs. continuous working without drop

Supported by safety and performance testing certificates and reports. MEDIAIR bring you a reliable and confidence air treatment machine



MedAir Warranty Scheme

Customer confidence is a must

5 Years Warranty provided by MEDIAIR



MedAir Treatment Unit

24 Hours / 7 Days / 365 Days ... non-stop

With energy saving and safety design make MEDIAIR machine are available for non-stop operation



MedAir Service Capacity

Extreme large services area by MedAir

The silent and powerful fan of MEDIAIR make the machine to serve for large area : 601 up to 900 ft. / 504 up to 600 ft.2



MedAir Touch Control

Touch control panel for monitoring and control

The style and Advance light touch LCD display and control panel are designed by MEDIAIR



MedAir Silent Design

Although MedAir with high air flow, we Silent

Speed Lowest > Speed Highest

Speed: 1 > 2 > 3 > 4 > 5

db: 8 > 12 > 28 > 42 > 50

The most silent one on market



MedAir Cert. and Report

Safety and performance test by MedAir

Supported by safety and performance testing certificates and reports. MEDIAIR bring you a reliable and confidence air treatment machine



MedAir Programming

Easy set up the program for your own style

Unlike other common machine's program. MEDIAIR humanization programming are designed for user can set up her own style program



MedAir Q&A

Learn more about MedAir Treatment Unit

MEDIAIR Q&A would let you know more about the machine feature, performance and application etc.,



PM2.5 Real Time Monitoring

Real Time monitoring of PM2.5 Level in the area

The advance and professional design of PM2.5 Level real time monitoring device by MEDIAIR

Quality Life

begins with your Air Indoor

MEDAIR ... the professional one we have