

Quality Life begins with your Air Indoor





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** Clearning 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.



4 Filtration Chambers designed by MEDAIR

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 easy to select the most suitable one for her

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 hugiene area.



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 effective to 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 kind 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 Off

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

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 Holiday: Hold up and release machine program Set disconnect the EP filtration chamber



MEDAIR 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

MEDAIR air filtration process

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.



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 flitration process: ElectroMed / MediaMed ChemMed / CarbonMed



MedAir Rigid & Durable

Rigid & Durable machine body by MedAir

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



MedAir Washable Filter

Advance lifetime washable filtration chamber

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



MedAir Selection Guide

Select the most suitable model for you

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



1000 Hrs Performance Test

1000 hrs. continuous working without drop

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



MedAir Warranty Scheme

5 Years Warranty provided by MEDAIR



MedAir Treatment Unit

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

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



MedAir Service Capacity

Extreme large services area by MedAir

The silent and powerful fan of MEDAIR 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 MEDAIR



MedAir Silent Design

Although MedAir with high air flow, we Silent

Speed Lowest > Speed Highest Speed: 1 > 2 > 3 > 4 > 5db: 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. MEDAIR bring you a reliable and confience air treatment machine



MedAir Programming

Easy set up the program for your own style

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



MedAir Q&A

ore about MedAir Treatment Unit

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



PM2.5 Real Time Monitoring Real Time monitoring of PM7.5 Level in the area

The advance and professional design of PM2.5 Level real time

monitoring device by MEDAIR



Specification / Models	601 504	MEDAIR MEDAIR ElectroMed ElectroMed 601 504	MEDAIR MEDAIR MediaMed MediaMed 601 504	MEDAIR MEDAIR ChemMed ChemMed 601 504	MEDAIR MEDAIR CarbonMed CarbonMed 601 504		
Service area available (ft.2) *10 ft.2 height	601 504	700 - 900 ft.2 500 - 600 ft.2	600 - 800 ft.2 400 - 500 ft.2	700 - 900 ft.2 500 - 600 ft.2	600 - 800 ft.2 400 - 500 ft.2		
Speed Control: 1,2,3,4,5,Auto	601 504	YES YES	YES YES	YES YES	YES YES		
Air Flow Rate m3/hr (cfm) Speed 1 – 5 (S1 – S5)	601 504	S1: 150 (90) / S2: 280 (167) / S3: 390 (227) / S4: 560 (334) / S5: 680 (406) . S1: 120 (72) / S2: 190 (113) / S3: 290 (173) / S4: 400 (239) / S5: 500 (299)					
Service area with best performance recommend ft.2	601 504	S1: < 80 / S2: 190 / S3: 2	400 / S4: < 580 / S5: < 700 290 / S4: < 410 / S5: < 500				
Number of Air Change per hour (ACH) provide	601 504	5 Air Change per hour in 5 Air Change per hour in					
Remote Controller / Air Monitoring Sensor / Safety Door Lock	601 504	YES YES					
Programming Setting	601 504	YES. Refer to MEDAIR Programming Operation Manual YES. Refer to MEDAIR Programming Operation Manual					
Light Touch LCD Display and Control	601 504	YES. Light touch with finger tip and LCD display with blue light background YES. Light touch with finger tip and LCD display with blue light background					
Machine Cleaning Services Pack	601 504	YES. Full set for each machine YES. Full set for each machine					
Dimension H x W x D (mm)	601 504	990 H x 425 W x 260 D (r 625 H x 430 W x 260 D (r	mm)				
Weight (kg)	601 504	23 15	23 15	23 15	25 16		
Noise (dB)	601 504	S1: < 8 / S2: < 12 / S3: < S1: < 7 / S2: < 10 / S3: <	15 / S4: < 28 / S5: < 45				
Electrical Voltage and Power Cord	601 504	110 - 220V / 50-60 Hz / 1.5 meter length 110 - 220V / 50-60 Hz / 1.5 meter length					
Power consumption (W)	601 504	S1: < 12 / S2: < 28 / S3: S1: < 10 / S2: < 25 / S3:					
Filter Specification / Models	601 504	ElectroMed ElectroMed	MediaMed MediaMed	ChemMed ChemMed	CarbonMed CarbonMed		
Standard Filtration Process Washable Nano-silver Antimicrobial Pre-filter	601 504	YES. Metal constructed Washable and Permanent use YES. Metal constructed Washable and Permanent use					
Photocatalytic TiO2 Filter	601 504	YES. Metal constructed Honeycomb. Washable and Permanent use YES. Metal constructed Honeycomb. Washable and Permanent use					
LED UV Lamp	601 504	YES. Energy saving and	long lifetime LED UV: up to a long lifetime LED UV: up to a	40,000 hours (5 – 10 Years			
Plasma Ion Generation	601 504	YES. 6 x 10(6)cm3 YES. 6 x 10(6)cm3					
Different models individual filtration process							
Electrostatic Preceipitator remove 0.01 um fine duct particle (EP)	601 504	2 EP Chamber 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		

(Note: The above specification may subject to be changed without previous notice).

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)	(10001110)	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

MEDAIR ... the professional one we have

