

style... advance...professional
by **MEDAIR**

medical air
treatment unit

MedAir 



RoHS
COMPLIANT

ISO
9001
QUALITY
ASSURANCE

Medical Air Treatment Unit

MEDAIR Model: 601



MEDAIR Model: 504



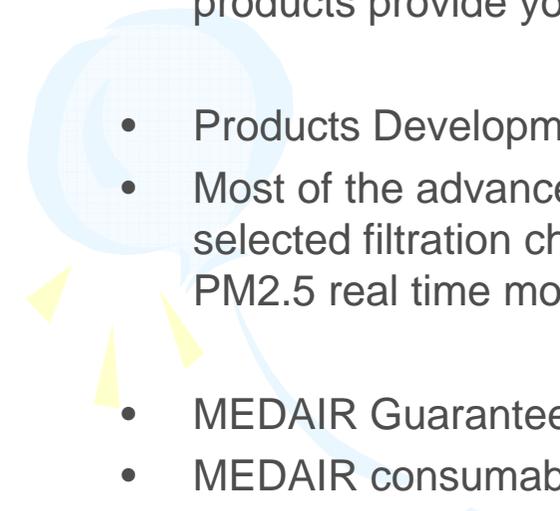
Technology

MedAir





About MEDAIR

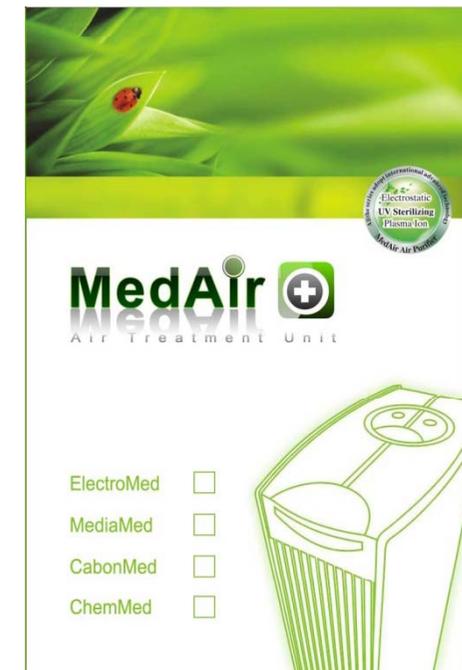
- **Products Research**
 - Over 15 years research and development, our experience products designer and engineer had success to design out an advance medical air treatment unit. Combined with style, environmental, energy & cost saving, this professional and humanization products provide you a reliable and confidence.
 - Products Development
 - Most of the advance technology can be founded in MEDAIR air treatment unit, the selected filtration chamber, humanization control programming, free of consumable, PM2.5 real time monitoring, extreme silent and energy saving design etc...
 - MEDAIR Guarantee and Warranty
 - MEDAIR consumable parts provide guarantee and 5 years machine warranty
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Features and benefits

MedAir **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



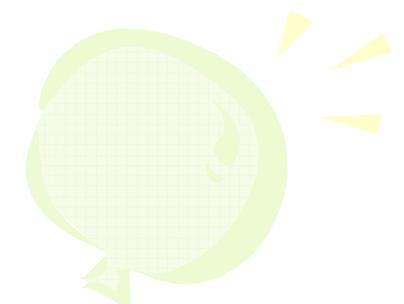
Features and benefits

M  **DEL**
W  **DEF**

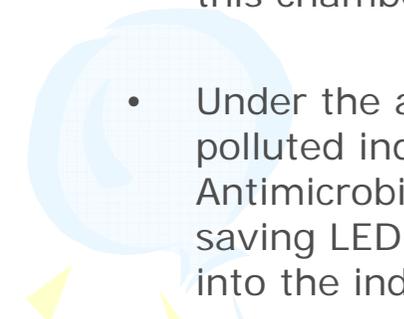


4 Filtration Chambers designed by MEDAIR

601 / 504 ElectroMed	601 / 504 MediaMed	601 / 504 ChemMed	601 / 504 CarbonMed
<p>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.</p> 	<p>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</p> 	<p>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</p> 	<p>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.</p> 



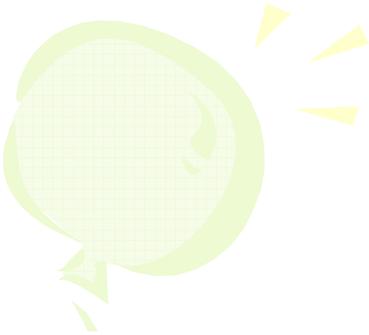
MEDAIR machine

- 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), and also to remove the bad odor and harmful toxic gases (TVOC, HCHO etc...) in air. The EP filtration chamber of ElectroMed is also as the cigarette smoke killer, this chamber can effective to filter out smoke particle down to 0.01um.
 - Under the action of the patented extreme silent Magnetic Induction power fan inside, 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 intelligent air purifier can get rid of Volatile Organic Compounds, formaldehyde, benzene, ammonia, smoke, smell, dust, germs, diseases, pollen and mites in the air and release plasma (+/-) ion and purify the air to improve the functions of lung and heart, sleeping, metabolism and immunity system, which is a necessary health guard of people's life.
 - All MEDAIR Air Treatment Units has been passed with Europe: CE, GS, ROHS, ISO9001, CNAS and IAF
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Medical Air Treatment Unit





MEDAIR provide



MedAir Services Pack

Full set Service Kit for customer self clean



MedAir Maintenance Scheme

Full maintenance and repairing scheme for customer



MedAir Research

Experience, Research and Development



MedAir Warranty Scheme

Customer confidence is a must



MedAir Advance Filtration Process

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



1000 Hrs Performance Test

1000 hrs. continuous working without drop



MedAir Silent Design

Although Med Air with high air flow, we Silent



MedAir Treatment Unit

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



MedAir Washable Filter

Advance lifetime washable filtration chamber



MedAir Service Capacity

Extreme large services area by Med Air

MEDAIR Provide



MedAir Touch Control

Touch control panel for monitoring and control



MedAir Cert. and Report

Safety and performance test by MedAir



MedAir Selection Guide

Select the most suitable model for you



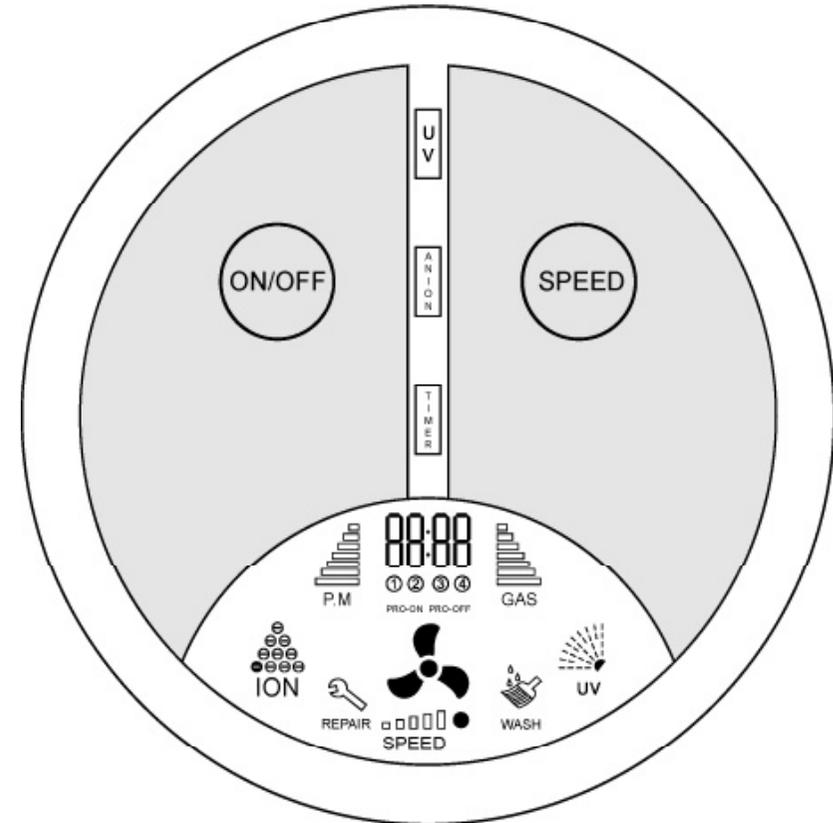
MedAir Programming

Easy set up the program for your own style



PM2.5 Real Time Monitoring

Real Time monitoring of PM2.5 Level in the area



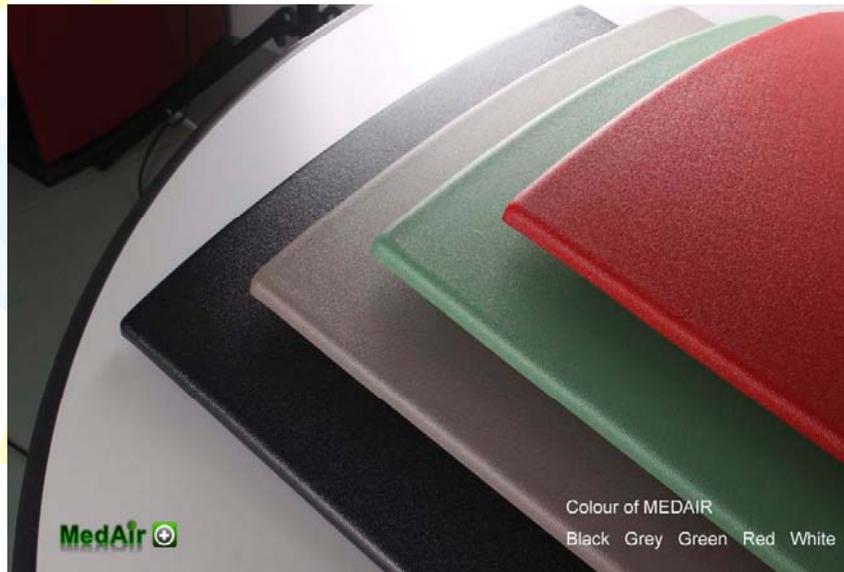
MEDAIR Programming

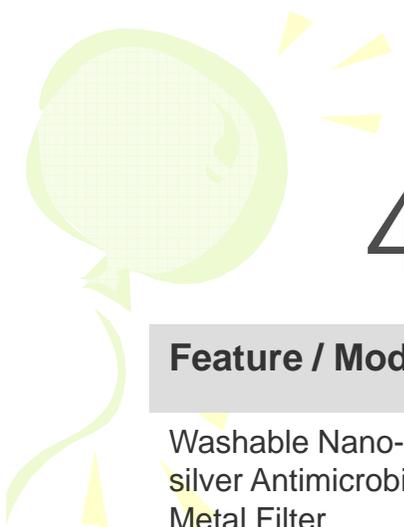
With the style and advance design, MEDAIR light touch display and control panel bring you convenience to set up the machine operation program with your own style and needs



4 models

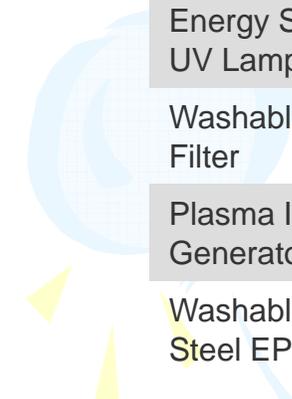
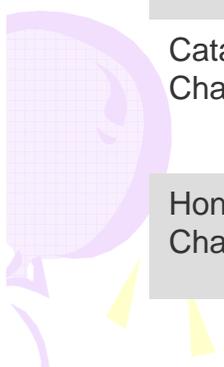
ElectroMed / MediaMed / ChemMed / CarbonMed





4 models of MEDAIR

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

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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

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Allergy and Pollen remove

Very Effective. Allergy and Pollen size from few um to over 10um

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Normal Effective. For some of them when over 10um

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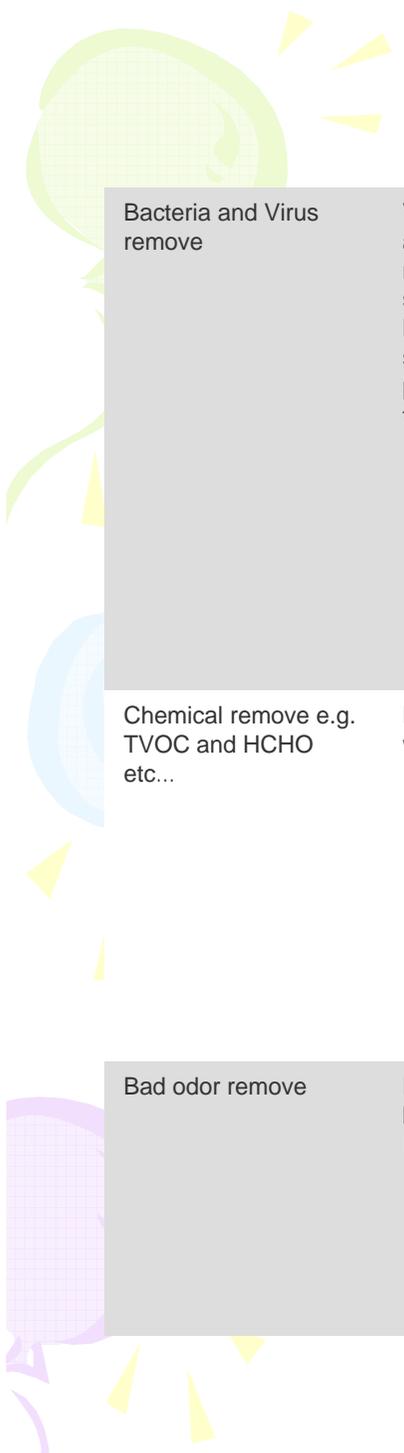
Smoke remove

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

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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



Learning Centre
... more about air purifier



- To let user can learn more about air purifier including technology, theory and feature, teach user how to read an air purifier, compare and evaluate the machine etc... MEDAIR learning center issue and update different paper of IAQ and air purifier related regularly.
- www.medair.hk



The End

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By MEDAIR

