

MOBILE LABORATORY EXHAUST UNIT



Bench Top Unit

ADCAFU - 01

- Compact design
- Flexible Hose
- Easy adjustment
- Multiple filters



Filter Replacement Indicator



Easy and Simple Filter Replacement.

Model: ADCAFU-01

Dimension (LxWxH)	330mm x 330mm x 420mm
Material	Plate 1.2t with Epoxy Powder Coated
Noise Level	≤55dB
Flow Speed	9m/s
Rated	220V, 50/60Hz, 60W
Weight	17 kg

Filter Spec.



1. Anti-Bacterial Filter ADCWPF-221

2. Carbon Deodorization + Sterilization HEPA Filter ADCHF-2211

* please refer to page 04

Dome Selection

- 150Φmm, 250Φmm, 350Φmm
Non-transparent PP Dome

150Φ Dome



350Φ Dome



Mobile Exhaust Unit

ADCAFU - 02 - MH10/AH13

- Mobile
- Effective
- Captures workplace exhaust and keeps you safe



ADCAFU - 02 - MH10



Model: ADCAFU-02-MH10

Dimension (LxWxH)	420mm x 420mm x 705mm
MH - 10	77Φ x 1000
Material	Plate 1.2t with Epoxy Powder Coated
Noise Level	≤55dB
Flow Speed	9-11m/s
Rated	220V, 60Hz, 120W
Weight	30 kg

ADCAFU - 02 - AH13



Model: ADCAFU-02-AH13

Dimension (LxWxH)	420mm x 420mm x 705mm
AH - 13	80Φ x 1300
Material	Plate 1.2t with Epoxy Powder Coated
Noise Level	≤55dB
Flow Speed	9-11m/s
Rated	220V, 60Hz, 120W
Weight	30 kg

Mobile Exhaust Unit

Dome Selection

- 400Φmm Transparent PC Dome (Standard)
- 400Φmm Non-transparent PP Dome
- 200Φmm PP Dome

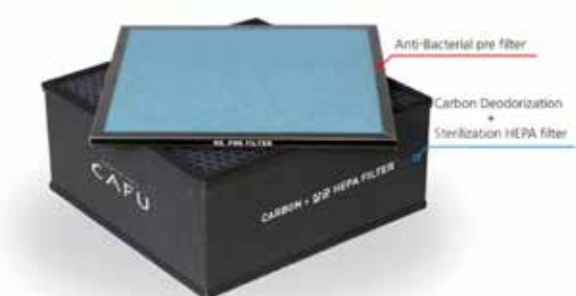
400Φ Dome



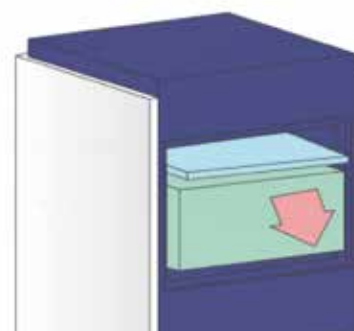
200Φ Dome



Filter Spec.



Easy and Simple
Filter Replacement.



1. Anti-Bacterial Filter

Model Name	ADCWPF-221	ADCWPF-331
Dimension (LxWxH)	220 x 220 x 10T	330 x 330 x 10T
Treatment Material	Dust at incoming area	
Filter Material	Antibacterial treatment through non-woven fabric	
Replacement Period	150 hour	200 hour

2. Carbon Deodorization + Sterilization HEPA Filter

Model Name	ADCHF-2211	ADCHF-3314
Dimension (LxWxH)	220 x 220 x 110T	330 x 330 x 140T
Treatment Material	Toluene, Formaldehyde, Ammonia, etc. 0.3μm Particle Removal, Sterilization	
Filter Material	Activated Carbon+Synthetic Fiber + Sterilization	
Replacement Period	300 hour	400 hour

* The order and replacement cycle of the filter can be changed according to service environment

Test Certificate

Result

1) Bench Top Unit (ADCAFU-01)

Test Catagory	Unit	Test Method	Test Result	Test Environment	
Deodorization Efficiency (Toluene, C ₆ H ₅ CH ₃)	%	(1)	> 99.5	(19±1)°C	(45±5)% R.H
Deodorization Efficiency (Formaldehyde, HCHO)	%	(1)	99	(19±1)°C	(45±5)% R.H
Deodorization Efficiency (Ammonia, NH ₃)	%	(1)	96	(19±1)°C	(45±5)% R.H
Deodorization Efficiency (Acetaldehyde, CH ₃ CHO)	%	(1)	96	(19±1)°C	(45±5)% R.H
Deodorization Efficiency (Acetic Acid, CH ₃ COOH)	%	(1)	96	(19±1)°C	(45±5)% R.H
Deodorization Efficiency	%	(1)	97	(19±1)°C	(45±5)% R.H

(Testes by: Korea Conformity Laboratories)

2) Mobile Exhaust Unit (ADCAFU-02-MH10/AH13)

Test Catagory	Unit	Test Method	Test Result	Test Environment	
Deodorization Efficiency (Toluene, C ₆ H ₅ CH ₃)	%	(1)	> 99.5	(19±1)°C	(45±5)% R.H
Deodorization Efficiency (Formaldehyde, HCHO)	%	(1)	> 99.5	(19±1)°C	(45±5)% R.H
Deodorization Efficiency (Ammonia, NH ₃)	%	(1)	99	(19±1)°C	(45±5)% R.H
Deodorization Efficiency (Acetaldehyde, CH ₃ CHO)	%	(1)	99.5	(19±1)°C	(45±5)% R.H
Deodorization Efficiency (Acetic Acid, CH ₃ COOH)	%	(1)	97	(19±1)°C	(45±5)% R.H
Deodorization Efficiency	%	(1)	99	(19±1)°C	(45±5)% R.H

(Testes by: Korea Conformity Laboratories)

Test Certificate of Disinfection HEPA Filter

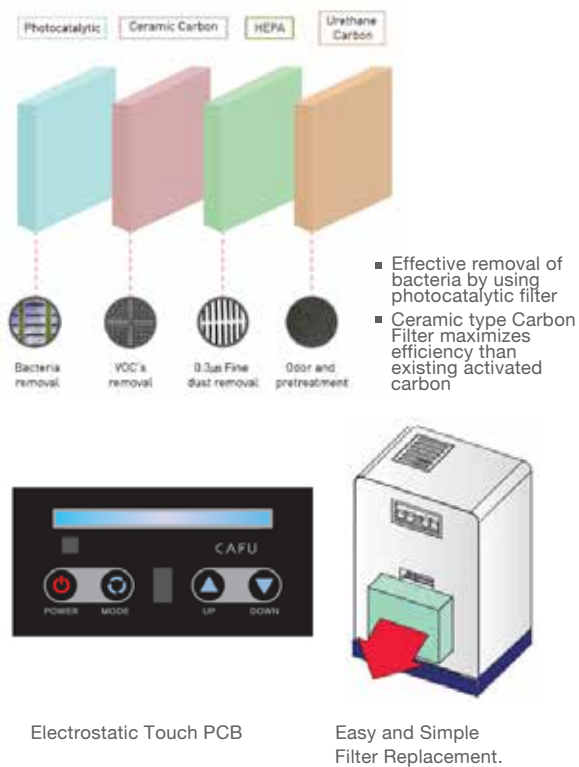
Test Catagory		Unit			Test Method	Test Condition
		Concentration before activation (CFU/m ³)	Concentration after activation (CFU/m ³)	Germ Reduction Rate(%)		
Airborne Microbe Reduction Test	Air Purifier with HEPA Filter	1.3 x 10 ⁴	< 10	99.9	Suggested by Client	(22.9±0.1)°C (50.2±0.2)% R.H

(Testes by: Korea Conformity Laboratories)

Air Sterilizer

ADCAFU - 07

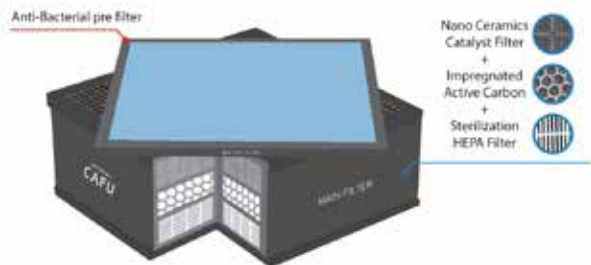
- Effective removal of bacteria
- Odor Removal
- Wireless remote control for remote operation
- Multiple filters



Model: ADCAFU-07

Dimension (LxWxH)	300mm x 250mm x 490mm
Material	Plate 1.0t with Epoxy Powder Coated
Noise Level	≤55dB
Air Volume	150CMH
Rated	12V 5A, 60W
Weight	9 kg

Filter Spec.



1. Anti-Bacterial Filter

Model Name	ADCWPF-471
Dimension (LxWxH)	170 x 140 x 10T
Treatment Material	Dust at incoming area
Filter Material	Antibacterial treatment through non-woven fabric

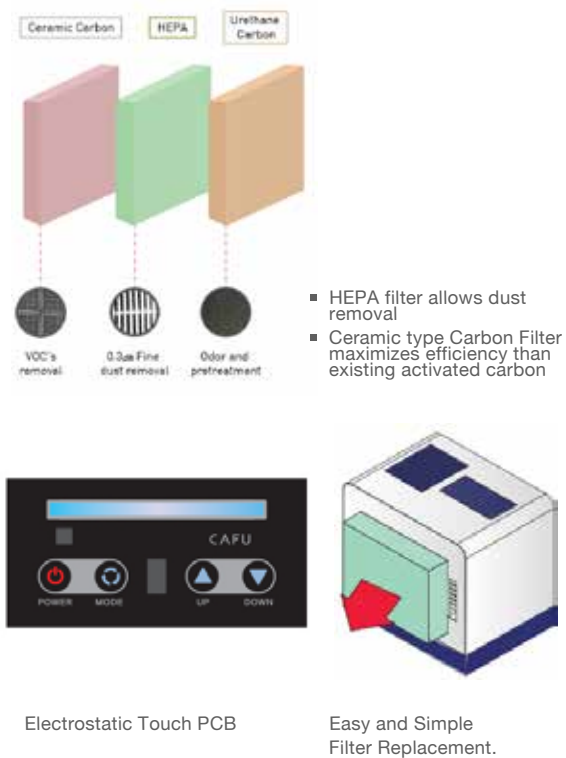
2. Carbon Deodorization + Sterilization HEPA Filter

Model Name	ADCHF-476
Dimension (LxWxH)	170 x 140 x 60T
Treatment Material	Toluene, Formaldehyde, Ammonia, etc. 0.3µm Particle Removal, Sterilization
Filter Material	Ceramics+Impregnated Activate Carbon+ Synthetic Fiber + Sterilization
Replacement Period	300 hour

Toxic Gas Purifier

ADCAFU - 08

- A4 size comparison
- Effectively discharges the source of contamination
- Wireless remote control for remote operation
- Multiple filters



Model: ADCAFU-08

Dimension (LxWxH)	280mm x 210mm x 275mm
Material	Plate 1.0t with Epoxy Powder Coated
Noise Level	≤60dB
Air Volume	150CMH
Rated	12V 5A, 60W
Weight	6 kg

Installation Examples



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