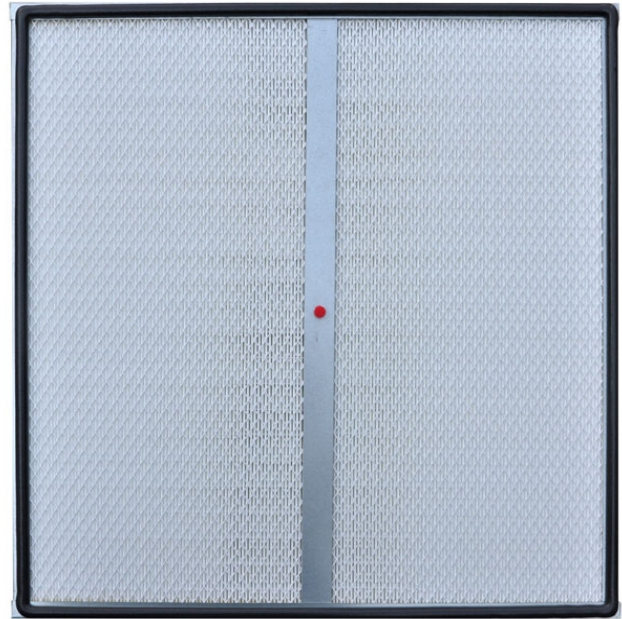


We clean the air you breathe®

## DOP HEPA CEILING MODULE



### DOP HEPA Ceiling Module

provides a low cost easy to install alternative that can create a wide range of clean room environments from class 100,000 to class 1.

HEPA modules are designed to utilize ducted air flow from existing HVAC systems or from remote air supply blower via 10" or 12" duct collars. These sturdy, low maintenance units are constructed of rigid anodized aluminum with a pleated water proof and fire retardant filter pack.

The filter face is protected by a white epoxy steel grille that includes two ports for leak testing and air flow balancing. Units come ready to install into t-grid ceiling systems and are factory sealed to insure HEPA filter efficiency of 99.99% on 0.3 micron particles and larger.

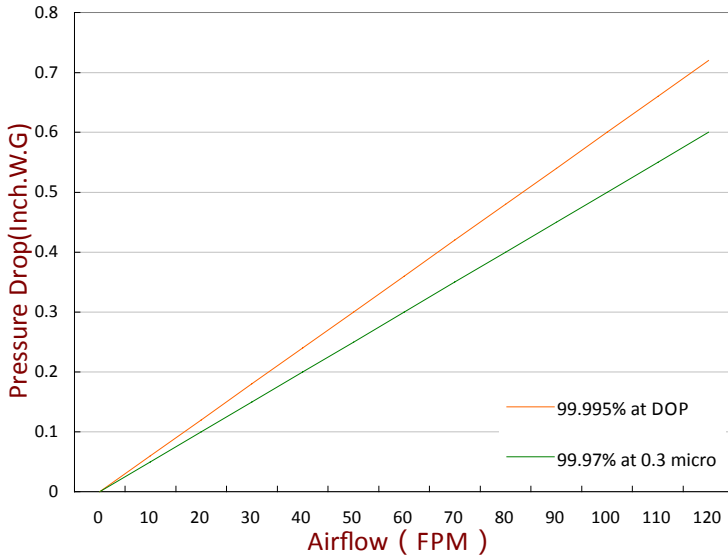
### Features and benefits:

- The HEPA module is designed in integration which prevent the air leakage. It is fast to install and easy to maintain.
- Either a 10" or 12" collar connection. The collar includes an integral continuous raised ridge to assist in securing flexible ducting.
- An adjustable diffusion disc that promotes uniform airflow over the entire filter and allows filter-to-to filter air balancing. Roomside adjustment is accomplished through a port in the center divider. (Optional)
- Bottom side should be well protected by aluminum grille
- The laser equipment scan the filter one by one (MPPS).
- The efficiency is 99.97%-99.995%. (EN1822)
- Filtration efficiency range from :H13~H14(EN1822)

### Application:

- Pharmaceutical
- Aerospace/Government
- Research labs
- Hospital Operation room
- Micro-Electronics
- Optical
- Health Care
- Film
- Food

### Pressure Drop VS.Face Velocity



### Material Spec and Running Condition:

Media	Micro glass fiber
Sealant	Polyurethane(2-K-sealant)
Frame	Aluminum profile / Galvanized Galvanized sheet top plate
Duct	10" or 12" Collar
Humidity:	100%RH
Efficiency	99.97% @DOP

Model	CM-S915	CM-S1220	CM-M305	CM-M484	CM-M610
Specification (WxDxH) .mm	915x610x120	1220x610x120	305x305x150	484x484x150	610x610x150
Airflow (m <sup>3</sup> /h)	1200	1600	260	700	1100
Filtration Area (m <sup>2</sup> )	11.2	14.9	2.5	6.6	10.7
Dust Holding (g)	700	900	150	400 Pa	650
Initial Pressure Drop(Pa)	≤220 Pa	≤220 Pa	≤220 Pa	≤220 Pa	≤220 Pa
Final Pressure Drop(Pa)	400 Pa	400 Pa	400 Pa	400 Pa	400 Pa
HEPA Efficiency	99.99 or 99.997% @0.3μm H13 or H14(EN 1822)				

Model	CM-M915	CM-M1220	CM-L610	CM-L915	CM-L1220
Specification (WxDxH) .mm	915x610x150	1220x610x150	610x610x220	915x610x220	1220x610x220
Airflow (m <sup>3</sup> /h)	1600	2200	1500	2000	2800
Filtration Area (m <sup>2</sup> )	16	21.3	14.9	22.3	29.8
Dust Holding (g)	950	1000	900	1200	1800
Initial Pressure Drop(Pa)	≤220 Pa	≤220 Pa	≤220 Pa	≤220 Pa	≤220 Pa
Final Pressure Drop(Pa)	400 Pa	400 Pa	400 Pa	400 Pa	400 Pa
HEPA Efficiency	99.97 or 99.995% @0.3μm H13 or H14(EN 1822)				



### ZHUOWEI Purification Technology Co., Limited

No.23,ChuangLi Road, ShangSha 2nd Industrial Zone,  
ChangAn Town, Dongguan, China,523850  
Tel: +86 769 8544 0538 Fax: +86 769 8544 0539  
Email: info@zhuowei-filter.com . www.zhuowei-filter.com



© 2013 ZHUOWEI Air Filtration Products

ZHUOWEI has a policy of continuous product research and development and reserves the right to change design and specification without notice.