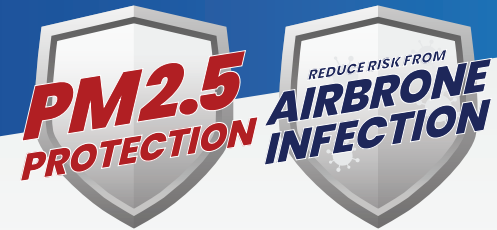


APR 2021 Version

CIG AIR PURIFIER

CEILING MOUNTED

AP450, AP720



Advantages & Benefits :

- Compact design.
- 3-stage high-performance filters.

> Pre-filter (G4, MERV7)

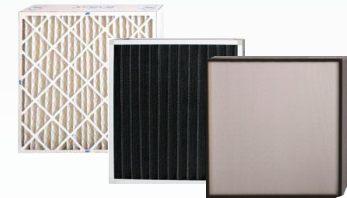
Removes large particles, dust and hair.

> Activated carbon synthetic filter

Effectively removes wide variety of odors.

> U15 ULPA filter (0.12 µm) 2.5x finer HEPA

Removes fine particles PM2.5, PM1 and bacteria and virus.



- UV-C Sterilizer.
- Low-noise, high-efficiency EC-plug fan.
- Quick-mounted structure design.
- Duct adapters at both ends for easy on-site installation.
- Designed for 24/7

Optional :



- Automatic filter status notification
- Upstream and downstream pressure drop detection port.

Application :

Suitable for all kinds of indoor environment, especially for hospitals, schools, airports and commercial buildings. It can be connected to existing fresh air system, mixed (fresh & recirculating) air system and exhaust air system.

*Specification, features, and design are subject to change without notice for further improvements.



Optional



Line OA: @CIGCare



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CIG AIR PURIFIER AP450, AP720

CEILING MOUNTED



Specification	AP450		AP720	
Type	Dimension	Efficiency	Dimension	Efficiency
Pre-Filter	W12xH12xD2 in	En779 ASHRAE ASHRAE 52.1&52.2 (USA) <div> G4 Merv7 (90-92%) (25-30%) </div>	W20xH20xD2 in	En779 ASHRAE ASHRAE 52.1&52.2 (USA) <div> G4 Merv7 (90-92%) (25-30%) </div>
Synthetic Carbon Filter	W12xH12xD2 in	94%	W20xH20xD2 in	94%
ULPA Filter	W12xH12xD3 in	U15 (99.9995%) @ 0.12 µm		
HEPA Filter			W20xH20xD3 in	H14 (99.995%) @ 0.3 µm
Airflow	260 CFM		750 CFM	
External Static	0.3 in. wg.		1 in. wg.	
Fan	High Efficiency EC Motor		High Efficiency EC Motor	
Power	180 W		420 W	
Using area for	22 - 60m ² (2-6 ACH)**		70-210m ² (2-6 ACH)**	
Housing color / Material	White / Electrostatic spraying		White / Electrostatic spraying	
Dimension <small>(Excluding connector and electrical box)</small>	W420 x H420 x D813 mm		W600 x H600 x D913 mm	
Connector Size	10"		16"	
Voltage/Frequency	220V / 50Hz		220V / 50Hz	
Noise	68 dBA (Low noise)		80 dBA (Low noise)	
UVC	UVGI 253.7 nm. (With status LED)		UVGI 253.7 nm. (With status LED)	
Weight	37 Kg.		50 Kg.	

**calculated at the height of 3m.



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