



PureHub
air purifier

PureHub 700

State-of-the-art ALL in ONE intelligent air purification device

ONE device with MULTIPLE advanced air purification technologies

• High Air Volume • High Purification Efficiency • Highly Customizable



Patented Technology

Patented bi-polar ion technology to decompose virus, bacterial and air pollutants trapped in fan or filter compartments.

Selection of Filters



- **Activated Carbon**
Remove VOC (volatile organic compounds), odors and other gaseous pollutants from the air
- **Activated Alumina**
Effectively absorbs formaldehyde at a higher absorption rate than that of the activated carbon
- **Zeolite**
One of the few natural minerals capable of absorbing, decomposing and catalyzing so as to destroy the biological structure of pathogens
- **Water Catalyst**
Make use of the moisture in the air as catalyst to provide round-the-clock decomposition and protection coating of formaldehyde, odor and pathogens
- **HEPA H14 Filter**
Captures 99.995% of particulate matters, pathogens, and pollutants with sizes larger than or equal to 0.3 micron

Extraordinary User Experience

Operating under noise level as low as at 35 dBA only, plus tailor-made accessories for either wall- or ceiling-mounted installation creates almost invisible yet incredible user experience

Wall-mounted



Ceiling-mounted

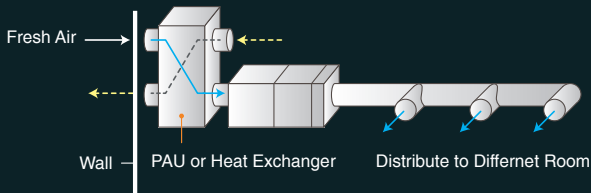


Color Selection: Slate White / Slate Blue

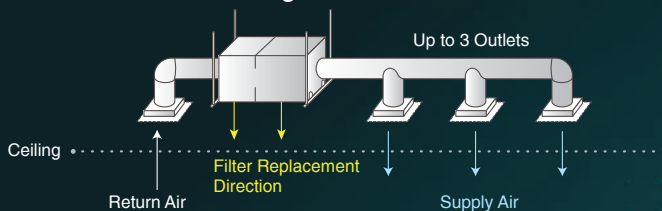
Add-on Features on top of Air Purification

Designed for purifying air for both AHU and/or indoor air circulation, and serving as an air pressure device to make variation of indoor air pressure to fulfill different air quality criteria of the premises

Fresh Air Purification



In-line Duct Configurations Internal Circulation



Real-time Monitoring with IOT Features

Touch screen panel with real-time readings of PM0.3, PM2.5, CO2, TVOC, temperature and humidity. Capable to connect to Wifi for performing remote control by mobile apps and/or transfer data to the building management systems (BMS)



Specification of PureHub Air Purifier Main Unit

Unit Dimension (Not Include Flange)	550 (Long) x 510 (Wide) x 310 (Thickness) mm		
Unit Dimension (Include Flange)	690 (Long) x 510 (Wide) x 310 (Thickness) mm		
Fan Speed	Low	Middle	High
Air Flow Rate CMH	210CMH	330CMH	790CMH
PM2.5 CADR CMH	200CMH	320CMH	770CMH
Static Pressure	90Pa	260Pa	480Pa
Sound Level (Sound Power)	43dBA	51dBA	65dBA
Sound Level (Average Sound Pressure)	31dBA	40dBA	54dBA
Power	80W	130W	150W
Power Input	220V 50Hz		
0.3 µm Particles MPPS Efficiency (SGS Report)	>=99.95%		
0.01 µm Particles MPPS Efficiency (SGS Report)	>99.99%		
CE (LVD and EMC)	Approved (SGS Report)		
Net Weight	28kg		
HEPA (Standard)	H13 Grade MPPS Efficiency (According EN1822) >99.9%@0.3 µm		
HEPA (Optional)	H14 Grade MPPS Efficiency (According EN1822) >99.99%@0.3 µm		
HEPA (Optional)	E10 Grade MPPS Efficiency (According EN1822) >85.0%@0.3 µm		
Pre-Filter (Standard)	F9 Grade Efficiency (According EN779) Em>95%@0.4 µm		
Pre-Filter (Optional)	F7 Grade Efficiency (According EN779) Em>80%@0.4 µm		
Gas Filter 1 (Optional)	4 in 1 Gas Phase Filter Active Carbon + Alumina + Air Catalyst + Zeolite		
Gas Filter 2 (Optional)	2 in 1 Gas Phase Filter Active Carbon + Alumina		
Gas Filter 3 (Optional)	3 in 1 Gas Phase Filter Active Carbon + Air Catalyst + Zeolite		
Gas Filter 4 (Optional)	Gas Phase Filter Active Carbon + F7 Grade		

Specification of PureHub's Control Panel

Dimension		88 x 88 x 46mm
Screen Size		4 inch Capacitive Type LCD
Panel Type		Ture Color 480 x 480
Sensor	Particle PM2.5	Laser Type
	CO2	Infra-Red Type
	TVOC	Semi-conductor Type
	Temperature	Bandgap Type
	Humidity	Capacitive Type
Wi-Fi Connection		Wi-Fi IEEE802.11/b/g/n 2.4GHz
Wire Connection		RS-485
Power		220V 50Hz

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