

Air Purifier

We qualify your air quality.

Features:

- Air quality index monitoring system
- Instance display 7 air quality parameters
- Operating area 136 SQ.m or 1460 SQ.ft
- UV-C band life-span counting
- Instance compare Supply and Return air quality
- Energy saving with EC motor
- Dilute CO₂ by intake fresh air and exhaust in one unit



Definition

Device that removes contaminating particles such as dust, pollen, dander and dilute Co2 from the air. Which mainly purpose to improve indoor air quality. Due to the voltage of electrostatic effect to quality of electrostatic air filter. Then BENDIG select media filter such as Hepa, Medium and pre filter as our standard.

Features

We qualify your air quality.

We provide sensor to measure air quality parameter in return and supply air to compare the air purification quality unit provided.

CO2 dilution

As an optional BENDIG air purifier can connect with Fresh air and Exhaust duct work in one unit this bring fresh air indoor to dilute Co2.

7 air quality parameter.

We provide PM2.5, Pm10, HCFC, TVOC, Co2, Temperature, Humidity, both supply and return air

EC-Fan

Motor is Electronic commutate motor or EC fan which categories as above le3 motor. An energy saving motor

UV-C Band life-span counting

Make sure UV-C band replacement time by check life span and reset after replacement.

Technical parameter

Model	Unit	Health-Pak
Air flow range	m ³ /h ft ³ /m	340 - 1700 200 - 1000
Area Coverage*	m ²	136
Power supply		220/1/50
Noise**	dB(A)	15-68
Fan speed		0-10V analog coontroller
Cabinet		Galvanised steel with powder coating
Color code		RAL
Motor		Electronic commutate motor
Max rating	kW	0.78
UV-C	Wx(QTY)	8 x (2)
Dimension	WxHxL (mm.)	710x1300x500
Warranty	Year	1
Service access		Front load

Filter in unit	Efficiency	Classification	Dimension (WxHxD)
Hepa	99.99%	H13	610x305x292
Medium	70-75%	F8	592x295x90
Carbon			592x295x48

Monitoring data	Supply	Return
CO ₂	Yes	Yes
TVOC	Yes	Yes
HCHO	Yes	Yes
PM2.5	Yes	Yes
PM10	Yes	Yes
Temperature	Yes	Yes
Humidity	Yes	Yes
UV Life-span		Yes
Comparare air quality index		Yes

Note: * area calculate base on 5 air change rate
** Noise measure 1 metre distance from unit and without background noise



Touch screen monitor

7" Touch screen monitor for instance display air quality parameter both suction and discharge



Fan speed

Analog fan speed for volume flow adjustment.



UV-C band

UV-C band inside Air purifier with Life-span checking.

