

### [Features]

- Super energy-saving and muting-DC inverter vent fan.
- Including CO2 and PM2.5 sensor with intelligent linkage.
- 600 CMH high air volume, energy-efficient.
- The removal rate of PM2.5 is over 99%. (According to TAF laboratory test report, not removal rate of filter)
- Dual purpose of ventilation system, it is not only air purifier but also the best equipment which can draw in fresh air.
- The sensor is also a Bluetooth remote control which can switch between manual and automatic, and wind speed (high/middle/low).
- Color LCD display can display the value of CO2/PM2.5, and it also link and control positive pressure ventilation to start-stop, and on top of that, it reminds to replace filters screen in Chinese.
- The web browser of sensor has the functions of speed control with manual/automatic and start-stop value setting.
- Optional window fittings, quick - install in 3 minutes.
- The sensor can choose Bluetooth and cloud platform( include data record), and it manages 100 sets of G6S at the same time.
- Snap-fit design, quick - install extension tube and window fittings.
- With scheduling automatic start-stop.
- With power-off protection.
- The sensor can control up to 4 pcs of positive pressure ventilation.
- The UV sterilamp is optional.



《The Schematic of Sterilamp》

[Applications] Hospital、School、Office、Factory、Market、Gym、Home, etc.

### [Optional Code]

Code1 - Code2 - Code3 - Code4 - Code5

Cod1	Color	Code2	SD Battery	Code3	Power	Code4	Sterilamp	Code5	communication
B	Black	N	None	110V	110VAC	N	None	N	RS-485
W	White	B	Have	220V	220VAC (Standard)	BT	Sterilamp	BT	BT-Mesh

## [ Specifications ]

Power	◆AC input : 110V(60Hz) / 220V(60Hz) ◆Power consumption : 13 W
Air volume (CADR)	≥ 600 CMH
Static pressure	290Pa
Noise	The lowest noise <38 dB
Filter rating	H12 HEPA filter ( 0.3μm removal rate 98% ) / Pre-filter
Air intake/outlet	6 inch of round tube*1
Communication	RS-485 Modbus RTU/BT Mesh
Removal rate	PM2.5 removal rate 99%
Dimension	38.5 x 36 x 40 /cm (LxWxH)
Weight	≤16 kg
Material	Galvanized steel/ Baking paint
Certificate	CE · TAF Laboratory Accreditation · TAF corrosion protection Accreditation

G6S Three-speeds Air Volume/Noise / Electric quantity			
Speed	Air volume (CMH)	Noise (dB)	Power consumption (W)
High	620	51.8	67
Middle	400	41	25
Low	230	37.1	13

Sensors Principle	Range	T90	Operating temperature	Resolution	Accuracy	Environmental equilibrium time
CO <sub>2</sub> (Infrared)	0~10,000ppm	<120 S	0~50°C	1ppm	±30ppm ±3% of Reading	10sec
PM2.5 (IR LED)	0~1,000μg / m <sup>3</sup>	<90 S	-10°C~65°C	0.1 μg/ m <sup>3</sup>	±10μg/ m <sup>3</sup> ±5% of Reading	5min