

Embedded Plasma Sterilizer GQP-Q75



BEYOK
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|----------------------|------------------------------------|
| Installation Method: | Embedded / pipe type |
| Suitable air volume: | 9500 CFM / 16000 m³/h |
| Applicable area: | 600 m² |
| Voltage: | AC220V / AC110V |
| Power: | 200 W |
| Shell material: | Sheet metal |
| Plasma tube: | 5pcs*520mm (20.5") |
| Noise: | ≤20 dB |
| Product dimension: | 640*260*260 mm (25.2"*10.2"*10.2") |
| Net weight: | 11.8 kg |

BEYOK GQP- series plasma air sterilizer (Plasma Purifier) uses high-voltage electric field plasma technology to induce air discharge to generate millions of ion clusters similar to nature, and actively collide with harmful substances such as bacteria and viruses in the air to ionize, puncture cell membranes, DNA, and proteins, causing them to rapidly rupture and lose their activity until they are killed and decomposed. It is widely used in air handling systems with multiple scenarios in families, people gathering in commercial public places, or public transportation systems.

Features:

- Uses a plasma generator with high-efficiency low-temperature asymmetric plasma technology (Plasma Generator)
- Select appropriate modules and installation structures based on various scenarios
- Optional built-in time cycle control circuit, mobile phone control, automatic cycle work

Principle:

- Plasma Air Technology is to use a specific high-voltage electric field to drive the inner and outer electrodes of the discharge tube to work, induce air discharge around the discharge tube, and generate millions of high-energy ion clusters similar to the natural forest environment.
- These millions of charged high-energy ions actively attack viruses and bacteria, break down cell membranes, DNA or proteins, and rapidly rupture and lose their activity until they are killed and decomposed to kill bacteria.
- Electrically charged high-energy ion clusters react with harmful organic substances in the air to generate electrochemical reactions that decompose large molecular clusters into small molecular clusters, and even generate harmless carbon dioxide and water under oxidation reactions.

Application:

- Commercial places: schools, hospitals, enterprises, factories, supermarkets, hotels, entertainment venues, buses, public toilets
- Ventilation systems: Air supply and exhaust systems embedded in small air handling systems, such as fan coil units, HVAC, and other ventilation systems

Product series:

| Name | Model | Input voltage | Power | Air volume | Plasma tube | Product dimension |
|----------------------------|----------|---------------|-------|------------|--------------|-------------------|
| Embedded Plasma Sterilizer | GQP-Q74 | AC220V/110V | 100 W | 400 m2 | 1*PG-CD37520 | 640*260*270 mm |
| Embedded Plasma Sterilizer | GQP-Q74B | AC220V/110V | 100 W | 400 m2 | 2*PG-CD37520 | 280*280*647 mm |
| Embedded Plasma Sterilizer | GQP-Q75 | AC220V/110V | 200 W | 600 m2 | 4*PG-CD37520 | 640*260*260 mm |
| Embedded Plasma Sterilizer | GQP-Q78 | AC220V/110V | 200 W | 800 m2 | 8*PG-CD37520 | 640*260*270 mm |

Size View:

