

## Plasma Ion Generator PG-N20



Install Method:	Matching / Built-in
Suitable air volume:	100-500 m3/h
Voltage:	DC12V/24V
Power:	3W
Application area:	20-30 m2
Case Material:	Flame retardant plastic
Ion Tube:	1*PG-CD1080
Filter:	None
Size:	2.4**1.2**3.3" (60*30*83 mm)
Net Weight:	80g

BEYOKozone PG-N series plasma generator (Plasma Generator) uses a high-voltage electric field to convert the electrons in the atomic particles in the air into charged ions to simulate the air environment in the natural forest, and interact with bacteria and bacteria in the air. Viruses, pollutants and other impact ionization to decomposition and elimination, significantly improve indoor air quality, effectively and quickly remove and decompose various harmful pollutants.

### Features:

- The corona micro-discharge is generated by the high voltage between the electrodes, which ionizes the surrounding air and generates a large amount of high-efficiency plasma
- The power drive consists of a transformer, a drive circuit, a control circuit and is packaged in a case
- Output load consists of tubular dielectric and electrode package

### Work Principle:

- Plasma air ionization technology uses a specific high-voltage electric field to induce air discharge around the discharge tube to generate high-energy ion clusters similar to the natural forest environment.
- Millions of charged high-energy ion groups actively attack viruses and bacteria, break down cell membranes, DNA or proteins, and rapidly rupture and lose activity until they are killed and decomposed to kill bacteria. Oxidative decomposition of organic matter into harmless substances

### Application:

- Air purifiers, exhaust fans, air conditioners, car purifiers, humidifiers...
- Air sterilizer, ventilation system sterilizer...

### Size View:

