





## **Specification of ID Series**





Model	Low pollutant coverage (Cu ft)	Med pollutant coverage (Cu ft)	High pollutant coverage (Cu ft)
D-1 8" lamp	10000	5000	1000
D-2 11" U type	20000	10000	2000
D-3 15" U type	40000	20000	4000

## **Dimension:**

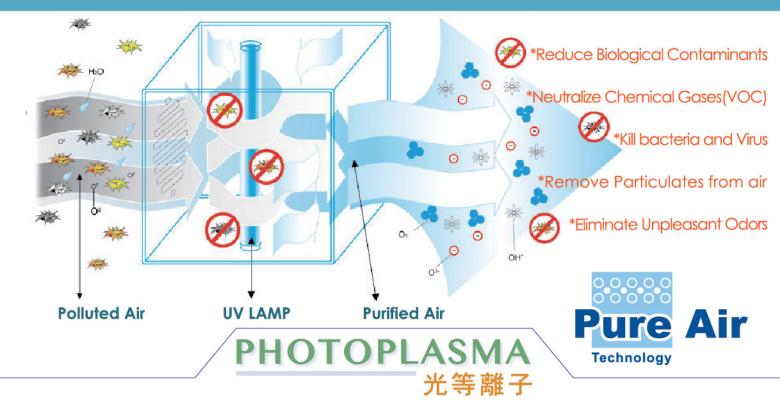
Holder and electronic unit: 10 x 18.3 x 4 cm (W x L x T)

Lamp Size: 8 / 11 / 15 inch (long)

Weight: 0.98 Kg

**Material:** Aluminum Alloy

Electrical: Input 12V DC,AC/DC adaptor 1A-3Amp



Ultraviolet light is useful in the destruction of contaminating organic compounds. Almost all indoor contaminants are organic, such as toxic volatile organic compounds, dust particles like dander, hair, dust mite feces, etc., and biological contaminants like bacteria, viruses and fungi.

Ultraviolet light create a highly energized gaseous state, the plasma, is aggressive and highly reactive and contains excited atoms and molecules, ionized gases, radicals, and free electrons. It can destroy just about all organic contaminants.

## Working principle

The key to the success of the unit's purifying methods is the creation of a cold gas plasma, is an excitation of gas by radio frequency energy – in our case, we excite gases by the energy from ultraviolet light waves.

The plasma, or highly energized gaseous state, is aggressive and highly reactive and contains excited atoms and molecules, ionized gases, radicals, metastable particles, and free electrons. It can destroy a vast array of indoor contaminants.

The contents of our Purifying Plasma include many of the purifying elements previously described, i.e., ozone, oxygen singlets, hydroxyl radicals, and negative ions. When we combine our Purifying Plasma with our ultraviolet light, we can clean the air and surfaces 2000 times quicker than ozone alone and 180 times faster than just ultraviolet light alone.

