LUFUTA

NEWLY PUBLISHED

Smart Control Desktop Air Purifier with PCO

LFT-263AW
(8-Stage Filtration,Ozone Free)
LFT-263BW
(9-Stage Filtration with Ozone)



- **Aroma Box**
- **Intelligent Control & LCD Display**
- **5 adjustable fan speeds**
- **AQI Monitoring**
- **Advanced RCI PCO Cell (TiO2) is Ozone-free**
- **Unique Air Duct Design (Large Air Flow & Low Noise)**
- **Optional Ozone Module for Deeper Cleaning and Disinfection**
- **Prefilter + HEPA Filter**
- **Super High-Density Negative Ion Generator**
- **Safety Lock Rear Cover**
- **Precision Injection Molding Cabinet**



MIRROR

CONTROL PANEL

High-end mirror screen control panel



Stylish Back Panel Grille

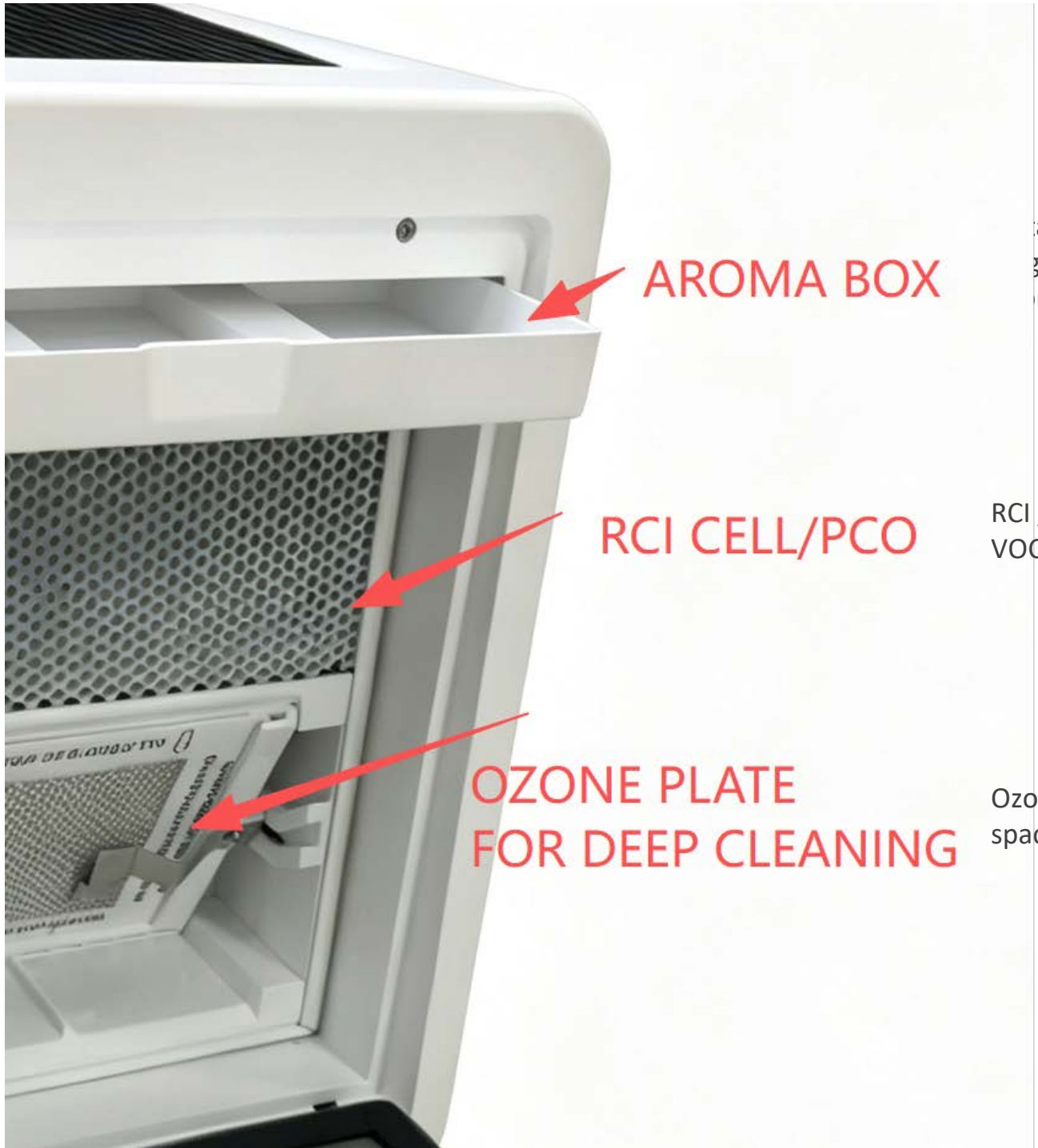
VOC SENSOR



MAGNETS PLUS SAFTY LOCK FOR REAR COVER

Dual safety locks on rear cover to prevent accidentally open





achable aroma box for optional
grance diffusion,applied for
matherapy

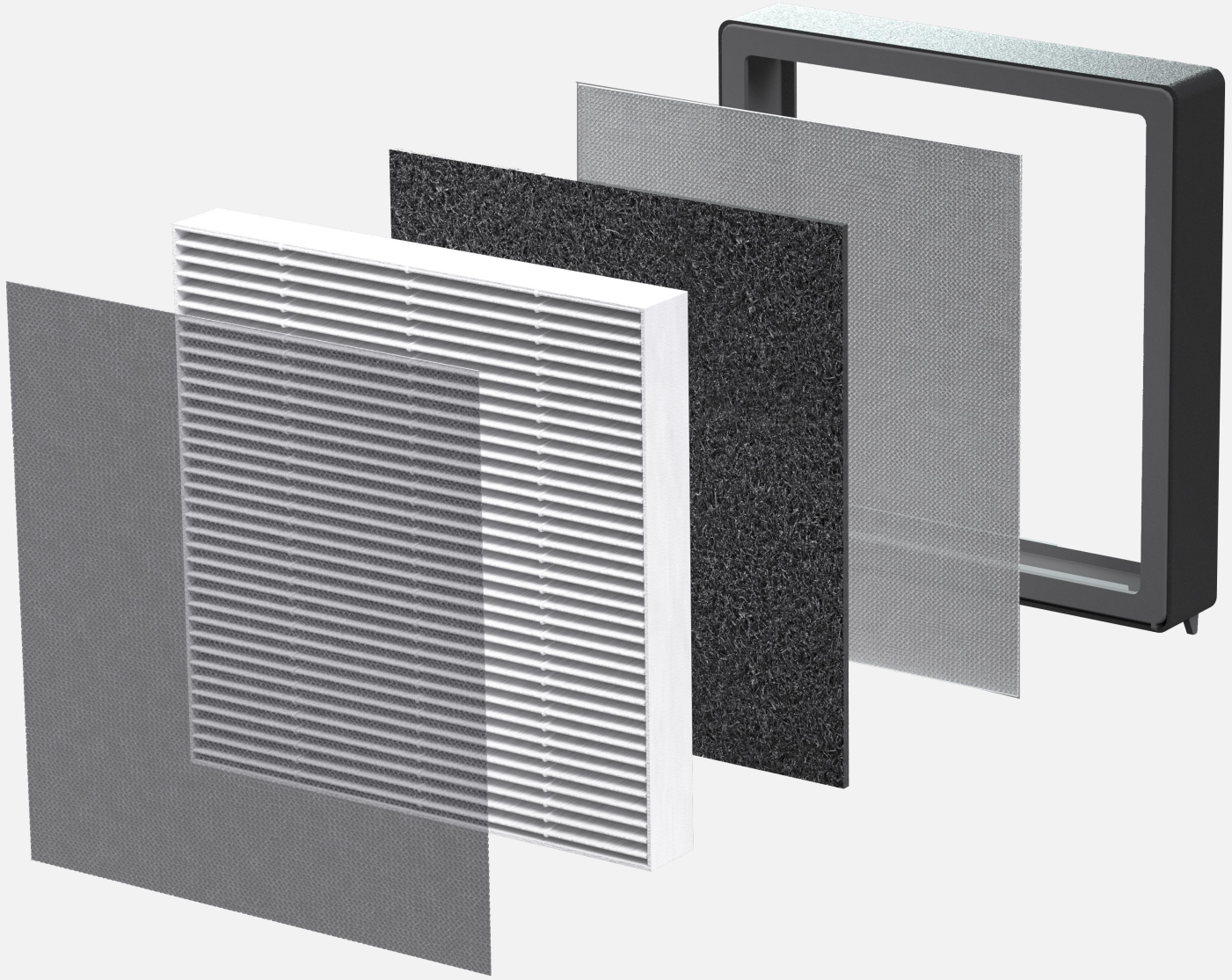
RCI /PCO photocatalytic technology eliminates odors, VOCs and pathogens.

Ozone plate delivers deep disinfection and thorough space purification

9-Stage Purification Technology

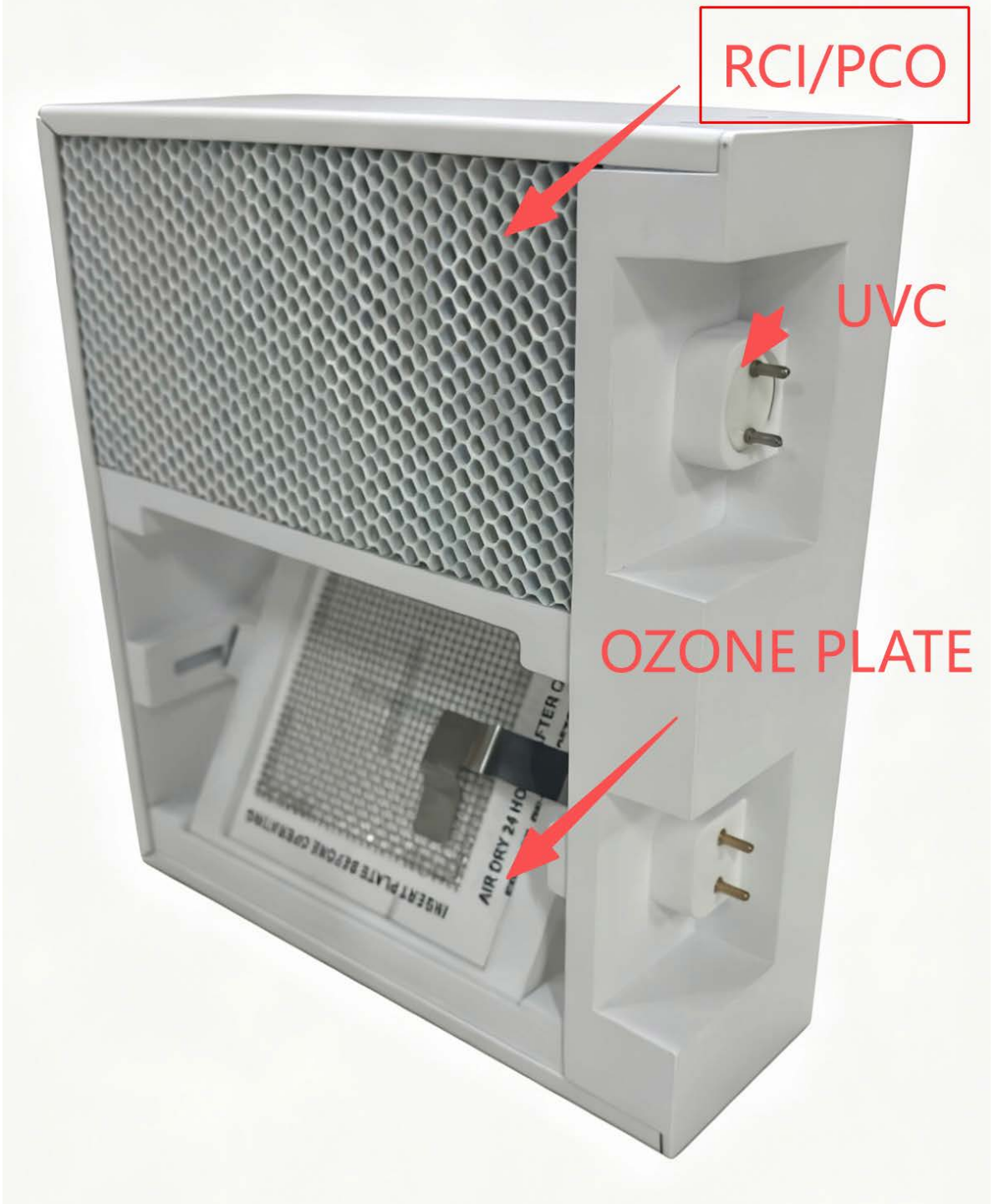


1. Pre-Filter
2. HEPA H13
3. Activated Carbon Cotton
4. Silver Ion
5. Photocatalytic Oxidation (PCO)
6. UV-C
7. Negative Ions
8. Aroma Box
9. Ozone Plate



TURE HEPA 99.97%

TRUE HEPA with 4 stages purification to
removes 99.97% of particles



PHOTOCATALYTIC OXIDATION

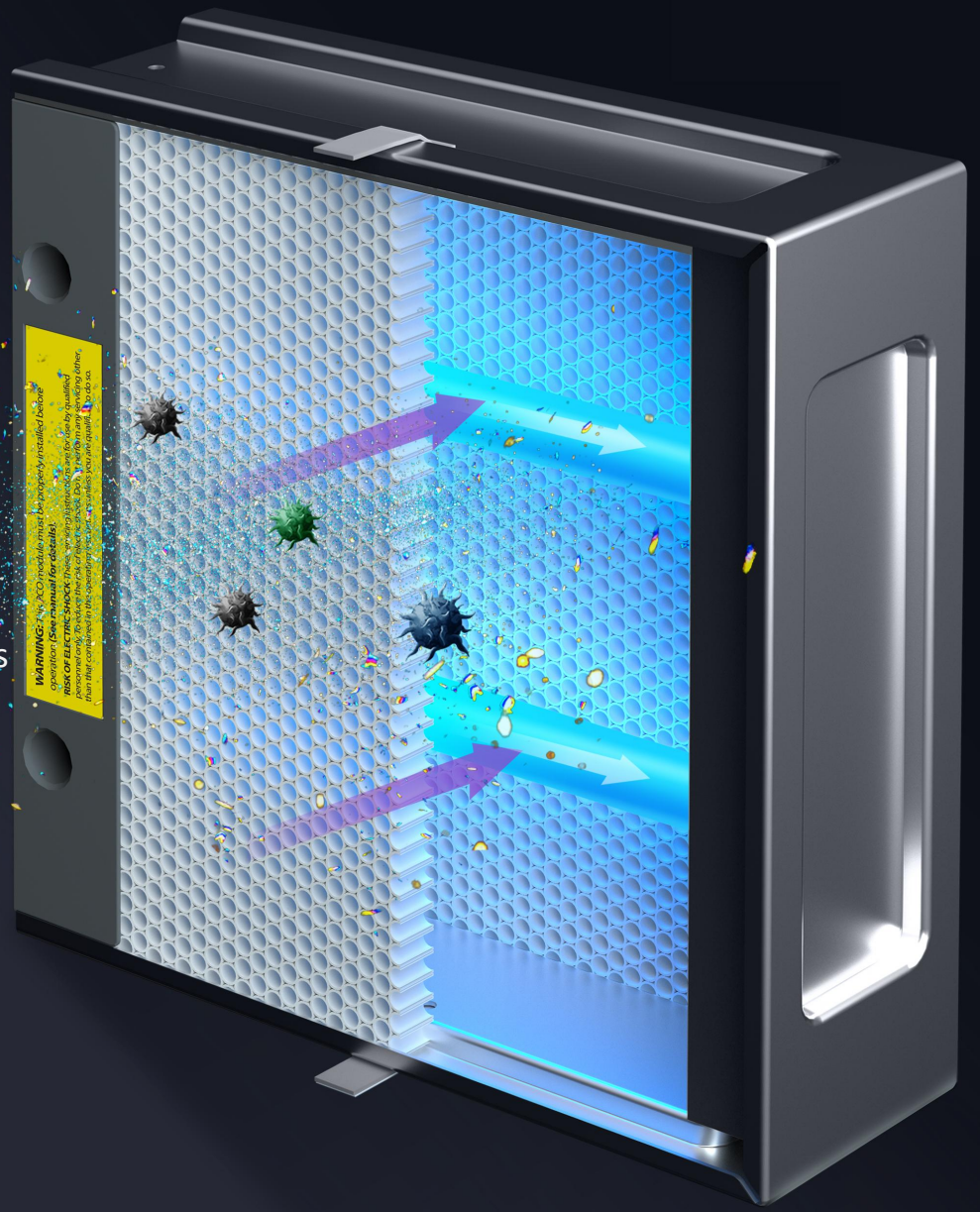
Pull out the PCO module directly, easy to replace parts without any tools

Photocatalytic Oxidation

33.6 μW/cm² (UV IRRADIATION INTENSITY)

PCO sterilization technology is a generalterm for photo-semiconductor materials with photocatalysis (UVC) function based on nano-scale titanium dioxide (TIO2).Nano-sized titanium dioxide is coated on the surface of honeycomb, under the action of ultraviolet light, it will produce a photocatalytic reaction similar to photosynthesis.

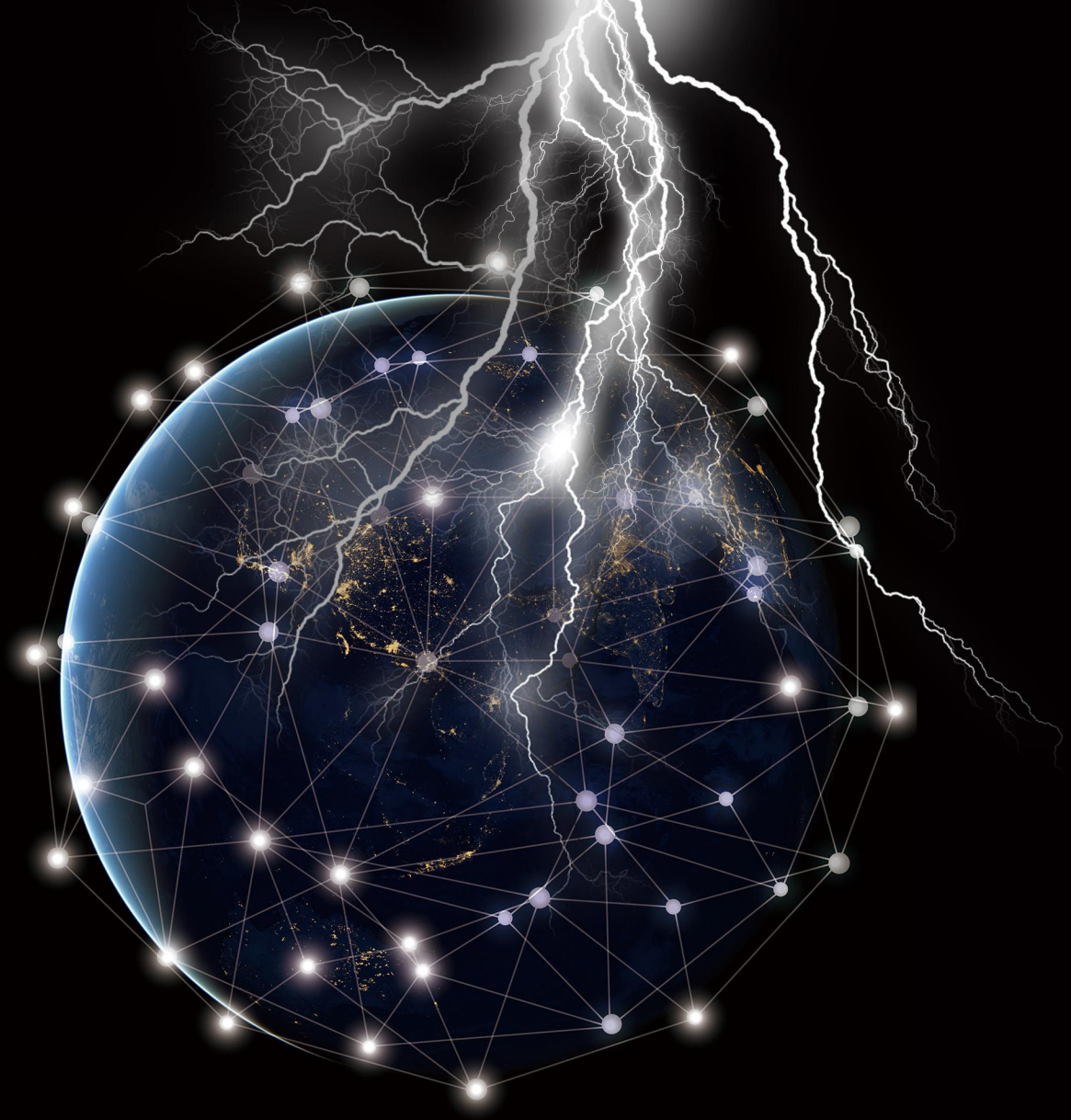
- It producesfree hydroxylgroups and active oxygen with strong oxidizing ability, and has a strong photo-redoxfunction;
- Oxidative decomposition of TVOC and other organic volatiles, and decomposition of organic pollutants into pollution-free water, carbon dioxide and otherharmless substances;
- It can effectively kill a variety of bacteria, and can decompose and harmlessly treatthe toxins released by bacteria orfungi;
- PCO sterilization technology has strong functions such as sterilization, deodorization, mold prevention, and air purification.
- Air volume 135CFM, larger PCO and larger air input.



Ozone Concentration

0.014 ppm (30m³ experimental space)

The perceived concentration of ozone is only 0.02~0.04ppm. At about 0.02ppm, the air will feel very fresh. The refreshing feeling in the air after a thunderstorm is due to the large amount of ozone and negative ions produced by lightning. Some scientists have concluded that if there is no ozone in nature, human beings will suffer many additional disasters, so the evaluation of ozone is "a god-sent purifier".





Key Parameters:

Model:	LFT-263AW ozone-free				LFT-263BW with ozone plate		
Rated Voltage:	DC 24V				DC 24V		
Rated Current:	3.0A				3.0A		
Rated Power:	53W				50W		
Function:	HEPA, UV light, PCO, negative ions, aroma				HEPA, UV light, PCO, negative ions, aroma, ozone		
Sensor:	AQI						
CADR Value:	230 M^3/Hour				230 M^3/Hour		
UV light:	φ15x170mm, 254nm (2PCS)				φ15x170mm, 254nm (1PCS)		
Anion:	≥5x10^6 pcs/cm³				≥5x10^6 pcs/cm³		
Ozone Output:	N.A.				180mg/h		
Applicable area:	150M² or 1500FT²				200M² or 2000FT²		
Noise:	25~45dB				25~45dB		
Max Air Flow:	230CFM						
Fan speed:	Sleep Mode	1st level	2nd level	3rd level	4th level	5th level	
Fan speed(RPM):	600	750	900	1200	1400	1600	
ight/Net Weight:	5.2/3.6kg						
Size of PCO:	207X192X63.5mm						
Product Size/ Package Size:	L285XW245XH310 mm/350X310X380 mm (1PCS/BOX)						
Loading qty (20'GP/40'GP /40'HQ)	650/1300/1600						