

Introduction to core technology

AC150-F

2022 REDDOT DESIGN AWARD ENTRIES



Family Series

Think of product line extensions as a low-cost and low-risk way to meet the needs of different segments of consumers, and, by using more sophisticated, low-cost market research, they can differentiate and Target a finer segmented consumer group.



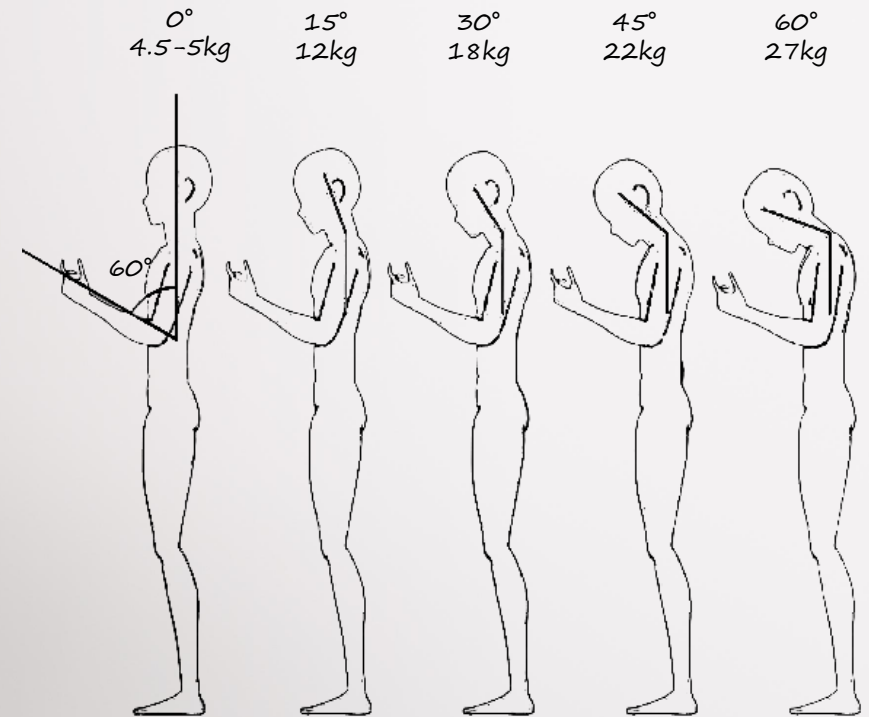


Panel Visual Design

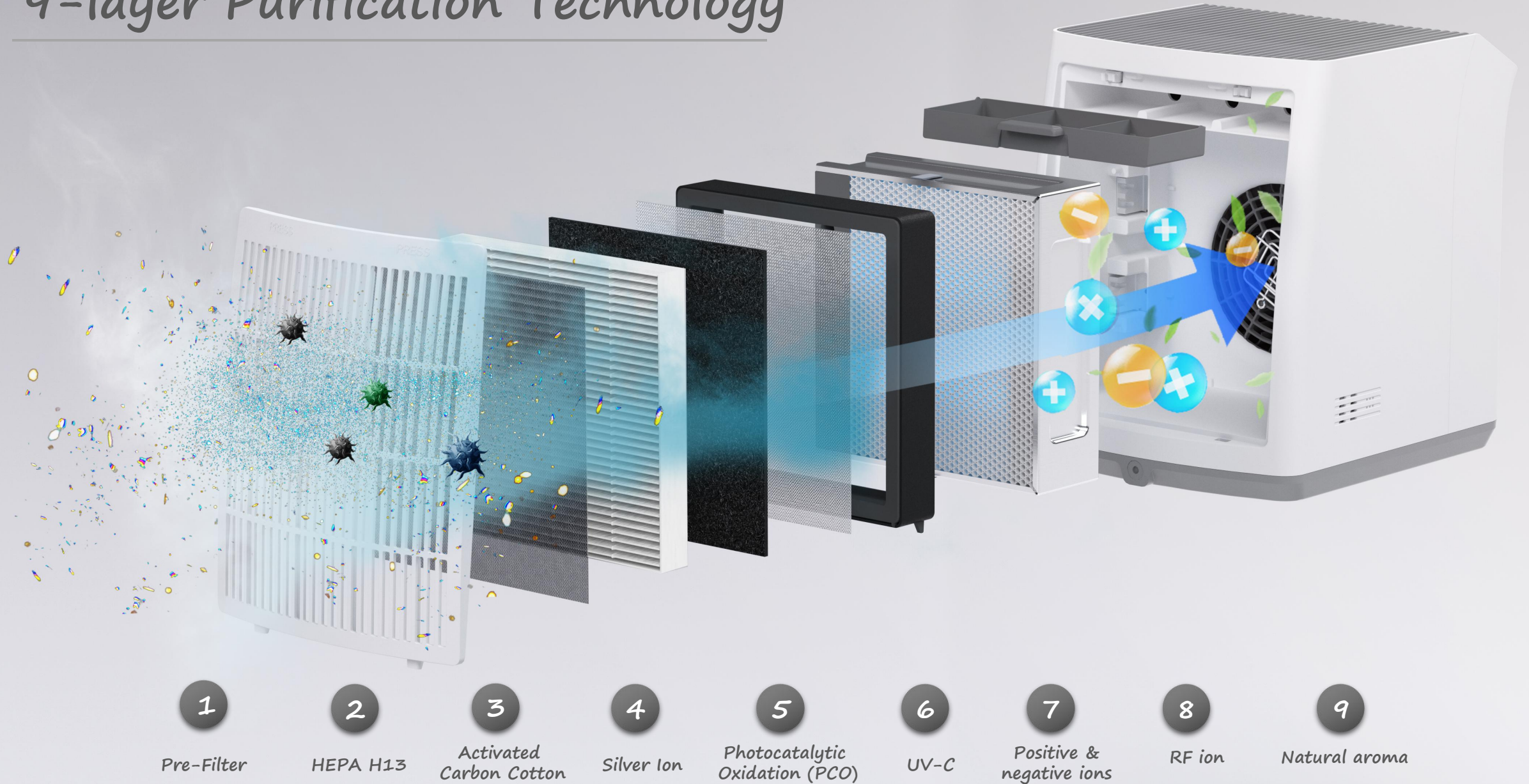
30°

(Optimum Angle of horizontal tilt)

How tired is our cervical spine?

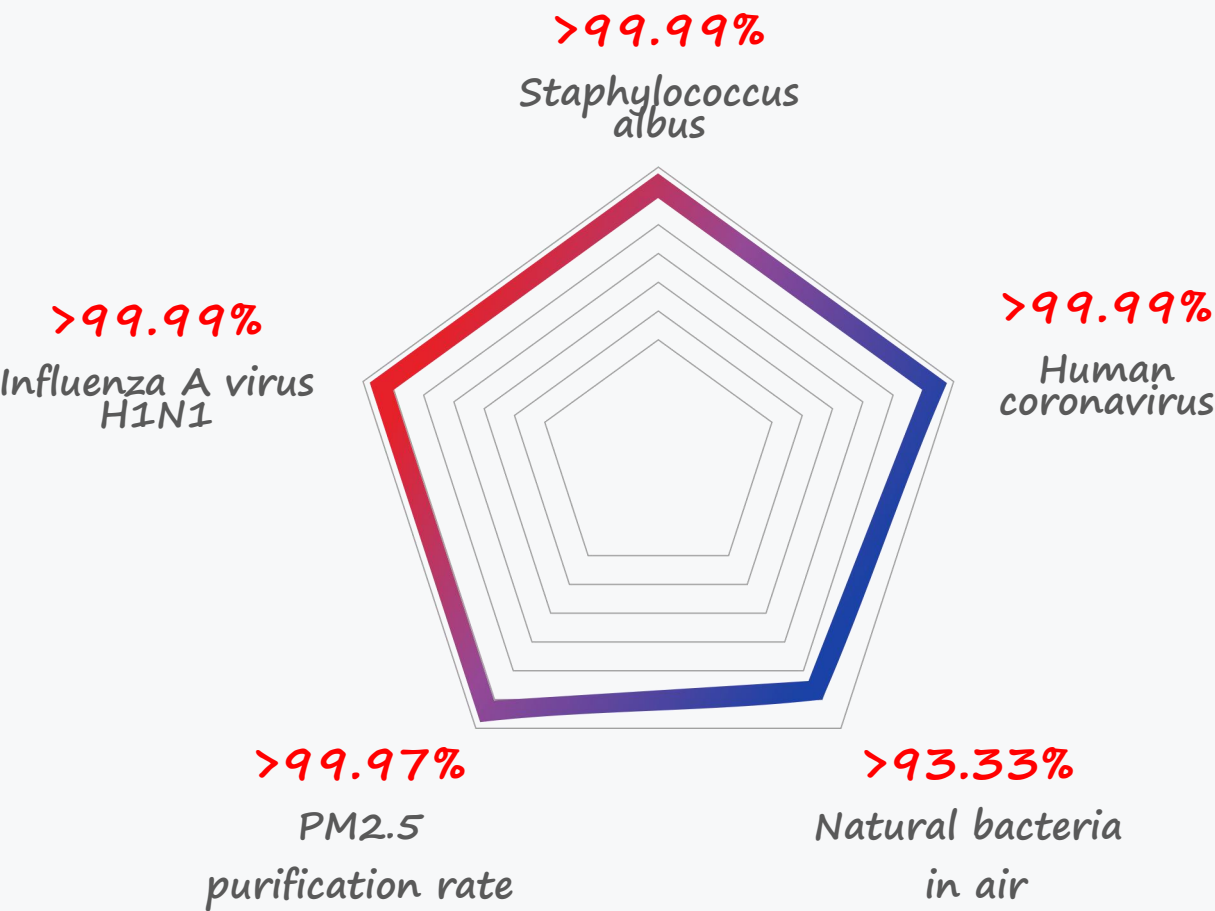


9-layer Purification Technology

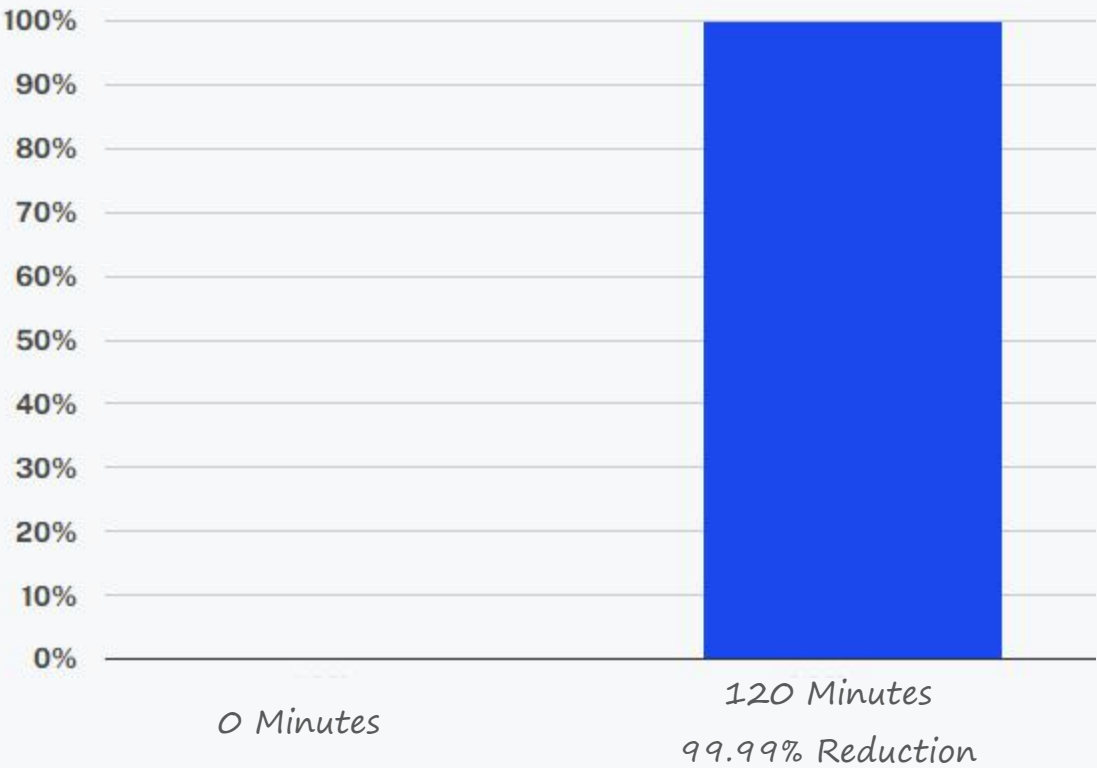


Scientific Test Data

Testing done at Aerosol Research and Engineering Laboratories, a 3rd party unaffiliated laboratory with no connection to rotoair or its affiliates.

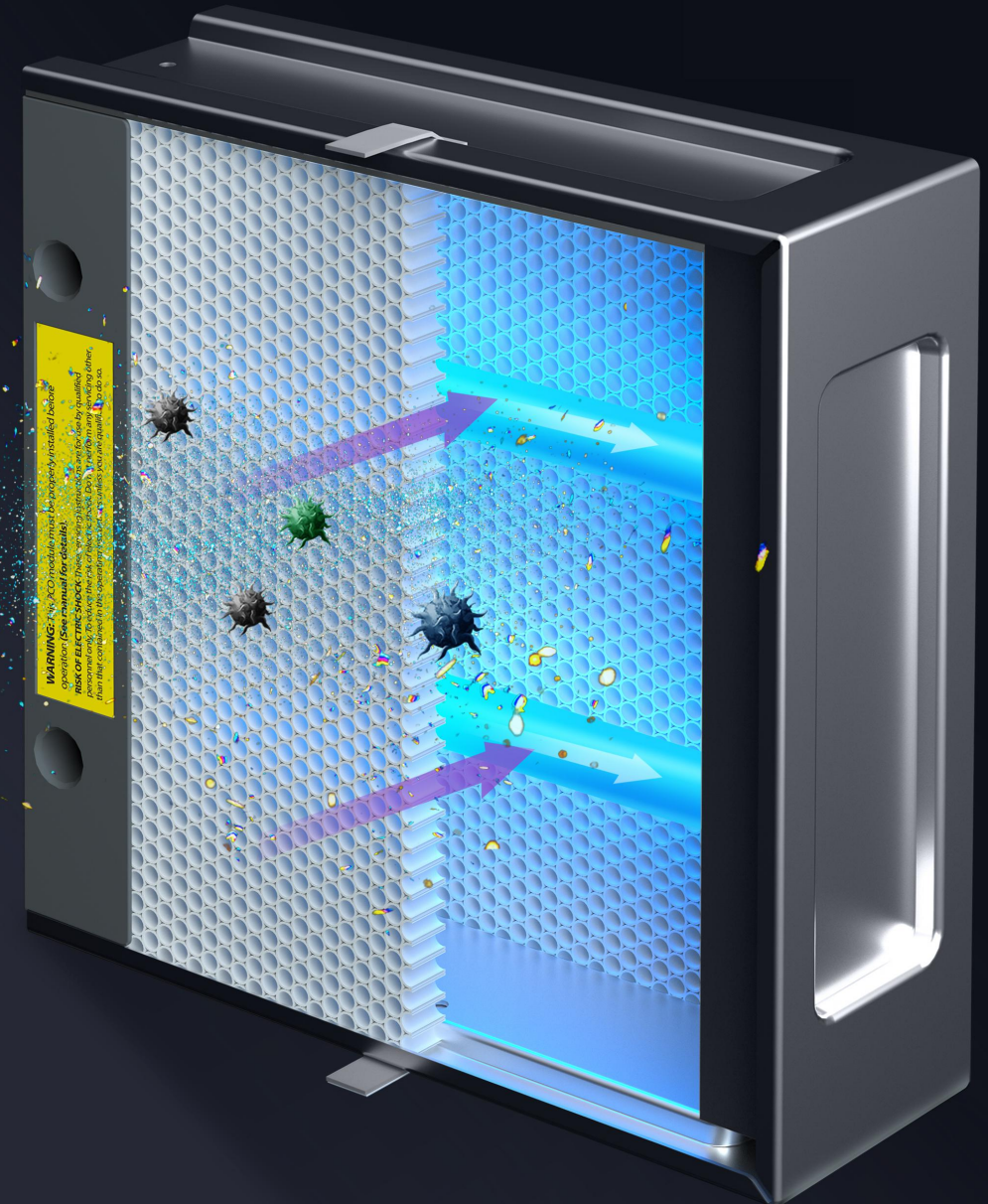


Airborne Virus Reduction



33.6 $\mu\text{W}/\text{cm}^2$ (UV IRRADIATION INTENSITY)

- on
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UV Leakage Intensity

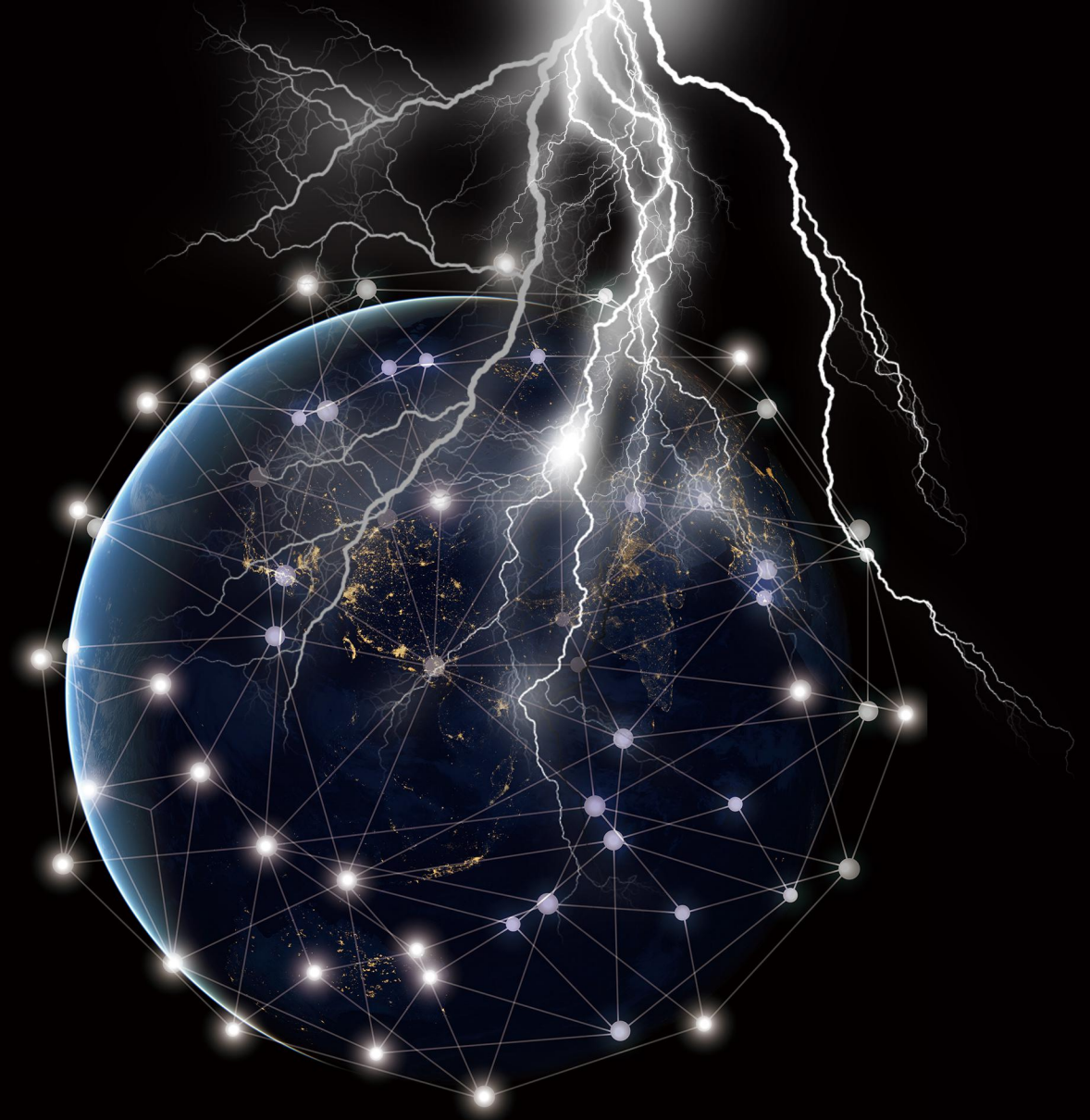
0 $\mu\text{W}/\text{cm}^2$ (30cm around the device)

No UV leakage, in line with European standards.

Ozone Concentration

0.014 mg/m³ (30m³ experimental space)

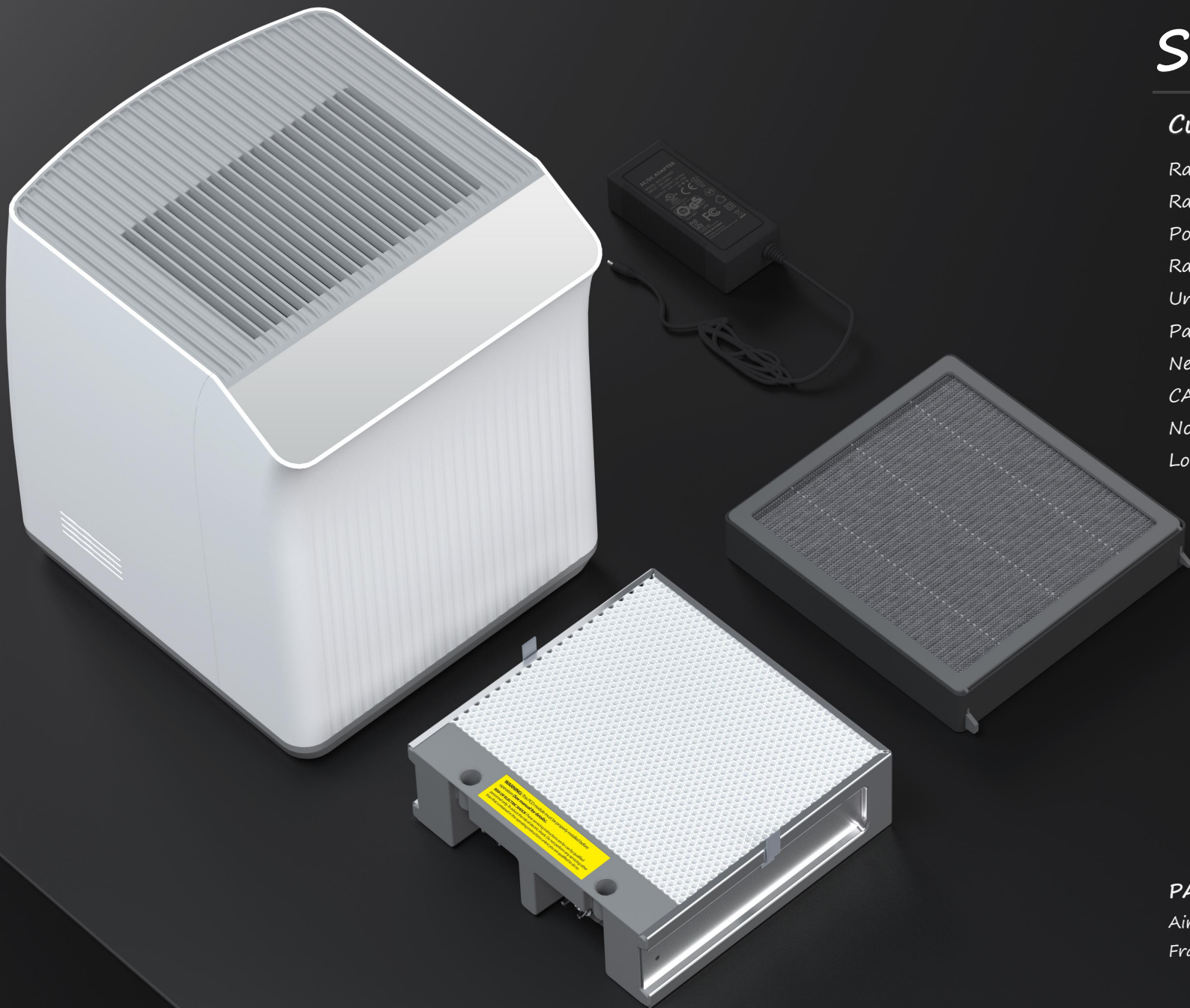
*It has obvious purification effect and is
harmless to human body.*





RF Radiotechnique

In AC150-F equipment, the main function of the antenna is to expand the sending area of positive and negative ions, and actively capture bacteria in the air to achieve a more effective killing effect.



Specification AC150-F

Current Product 10"

Rated Voltage	100-240V~
Rated Frequency	50/60 Hz External Power Supply
Power Adapter	DC24V 2.75A
Rated Power	53W
Unit Size	25x25.5x30.3cm (9.8"x10"x11.9")
Packing Size	36.5x33x46.5cm (14.3"x13"x18.2")
Net Weight	3.94kg (8.67pounds)
CADR PM	230m ³ /h (135ft ³ /min)
Noise SPL	46dB
Loading Qty	555 / 20'FT, 1135 / 40'HQ

PACKING LIST

Air Purifier*1 / PCO Purification Module*1 / Composite Filter*1 /
Fragrance Box*1 / Power Adapter*1 / Power Cord*1/