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Comparison between Air Filter products and Infralia Air Disinfecting Technology

	Air filter devices	Infralia Air Disinfection devices
Working principle	The recirculation of particles is blocked by the filter screen, and the bacteria or micro-organisms are not directly killed. Some devices can break down some micro-organisms, but such filters are expensive	High-intensity ultraviolet irradiation on the air flow, using a safe physical method to completely kill bacteria and micro-organisms in the air flow
Efficiency	When the equipment stops working and does not generate negative pressure, the captured microbial bacteria may return to the space	Permanently removes bacterial micro-organisms from the room
Installation	Most of them stand on the floor, occupying effective indoor floor space, and a small part is installed on the wall	Floor Standing, Wall Mounting, Ceiling Mounting
Maintenance Cost	The filter needs to be replaced every 3-6 months, and the cost is about 1/10 to 1/7 of the sales price of the machine, and the cost is extremely high	Replacement the UV lamp module every 2 to 3 years, and the cost is extremely low
Working	Efficiency decreases with filter life until the filter fails, and the efficiency equals zero	Constant power, continuous sterilizing effect
Disinfecting Effect	Every time the window is opened for ventilation, it is equivalent to the failure of disinfection and requires another re-work.	Kill in one single pass, permanently removes bacterial micro-organisms from the room
Other.	Particle monitoring technology cannot monitor bacteria or micro-organisms, only the number of floating particles	No monitoring, use safe physical methods to completely kill bacteria and micro-organisms in the air flow



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