Abstract

Air disinfection device UV Care254 (UV Care254) (1) as shown in Figure 1 by structure the outer body cover is made from UV absorbent material. By the device according to this invention it consists of 3 important parts exhaust fan (2) UV tunnel (3) UV source (4) by the flow of air masses flowing into Disinfection in UV tunnels (3) will flow through the reflector line until the turbulence by the reflector plate (3.1) which is designed to be shaped like a wavy peak. The same size peaks ,the corners of each peak make an angle 130-150 degrees covers the distance from the UV source lamp cap on one side ,so that the air masses that pass through have been thoroughly disinfected with UV rays according to the appropriate duration and amount of UV intensity causing the air masses to flow outside the device as a sterile air mass released from the device to the floor in the room where the equipment is installed. Sterile air released outside the device to the room where the device is installed is sterile air 99% of air masses sterilized by this process. To inhibit the growth of pathogens and prevent the spread of infectious agents to others from the spread of air in a place that is safe from infection according to basic measures. Reduce the contamination of airborne germs or microorganisms that will fall on the surface of contact in places where people interact directly. Reduces the high risk of contracting airborne diseases. When people interact without basic precautions.

Figure 2