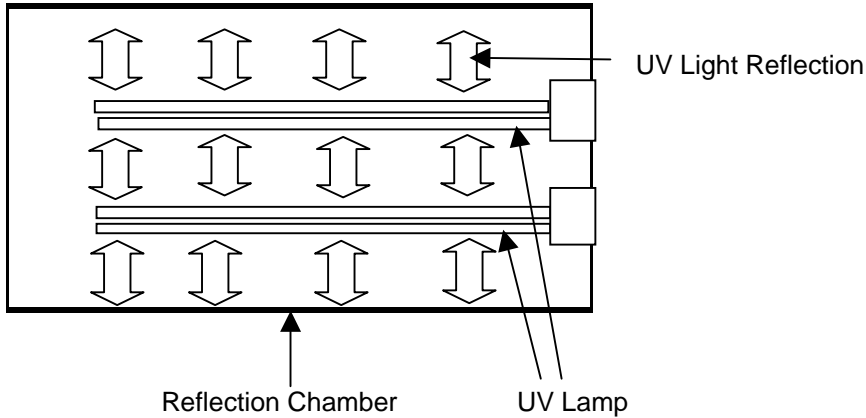


"innoclean" 400 & 300 Series UV Light Reflection Chamber



1/. What's the function of UV Light Reflection Chamber

The Reflection Chamber worked as a media to increase the "Intensity" of UV light, means that it can increase the power for killing of bacteria & virus.

2/. Feature of the UV Light Reflection Chamber of "innoclean"

It can ensure that all air pass through the chamber with have a even UV Intensity to treat the air, it can increase the "One Pass Killing Efficiency" of the air purifier.

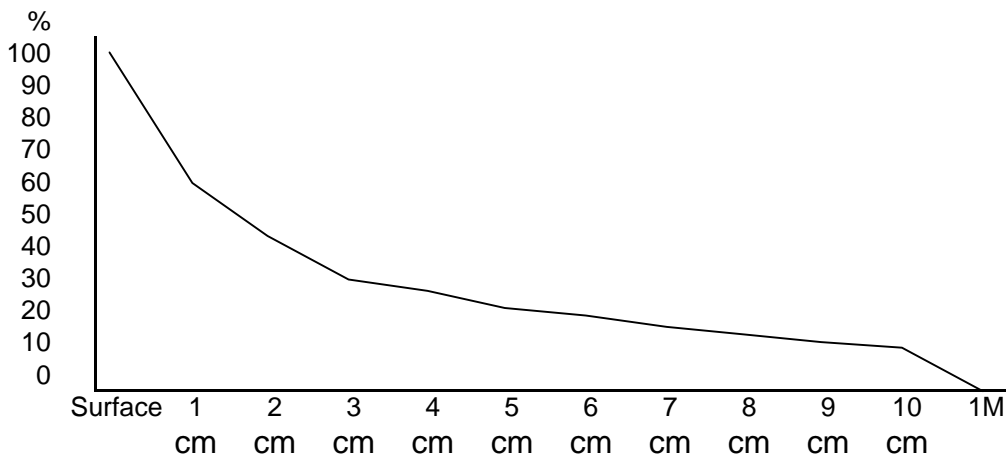
3/. What's the difference of a air purifier with and without using reflection.

If 2 air purifiers with same power of UV lamp installed, the total bacteria & virus kill efficiency of the air purifier with using reflection theory will have much times better than the air purifier without using reflection theory.

4/. How "innoclean" with UV Light Reflection Chamaber better than others.

We should know that the further away from the surface of the UV lamp, the less intensity (Power) and the less efficiency the UV lamp output is:

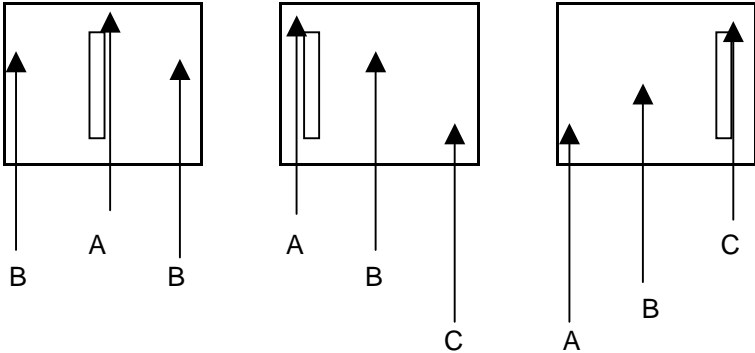
All UV lamp on market will have the same feature as above. The following is the table show the intensity (power) decrease rate with distance.



The output intensity (power) of the UV lamp decrease as follows:

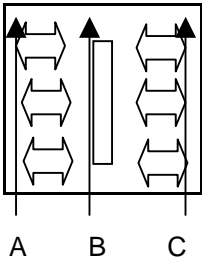
- 1 cm away from the UV lamp, will lost 40% of the intensity.
- 2 cm away from the UV lamp, will lost 60% of the intensity.
- 3 cm away from the UV lamp, will lost 70% of the intensity.
- 1 Meter away from the UV lamp, will nearly lost All of the intensity.

If a air purifier installed a UV lamp without reflection:



Point A will have best efficiency; Point B will have normal efficiency; Point C will have less efficiency

If a air purifier installed a UV lamp with reflection - "innoclean"



Point A, B, C will have even efficiency and also much times increased of the the intensity by reflection.