

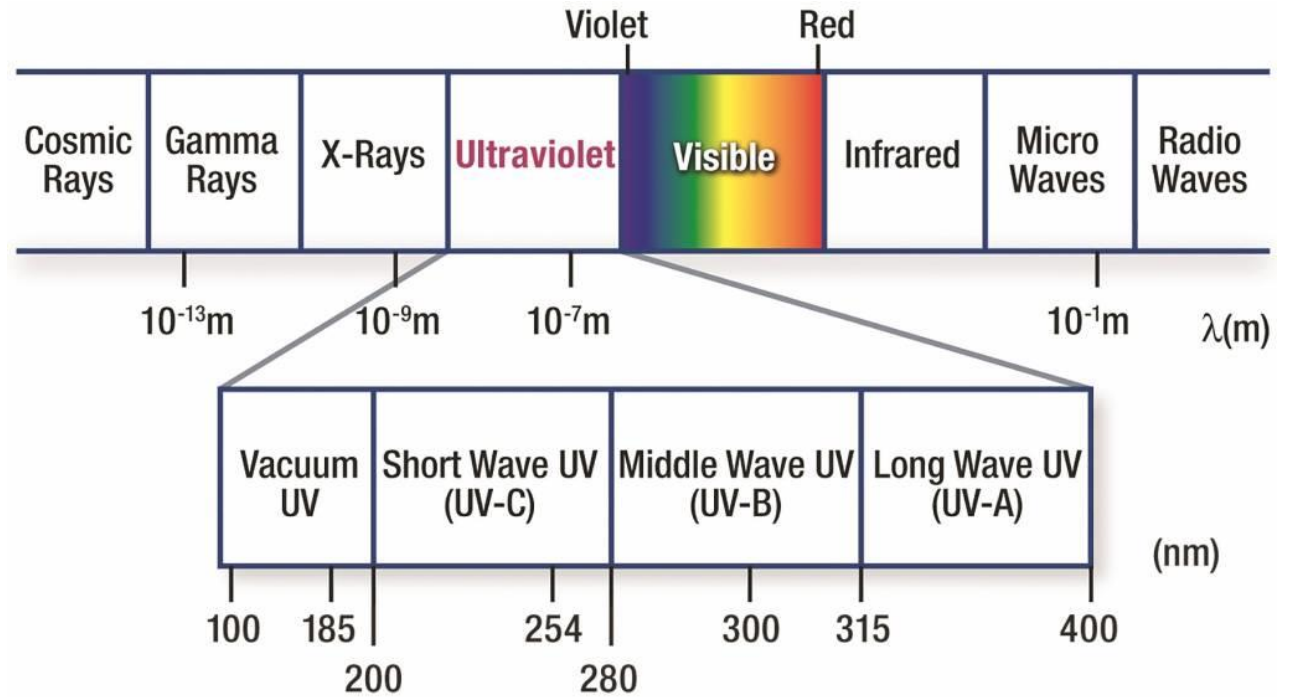
UV-C Technology vs Covid-19

By Harry Williams

Disclaimer:

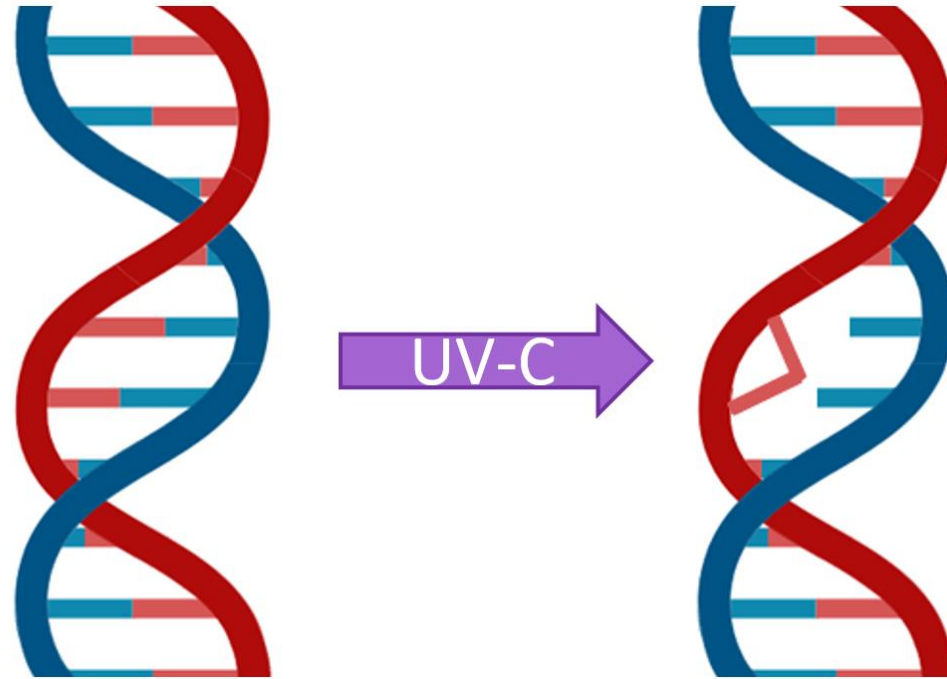
This presentation expresses advice and views based on the available scientific knowledge of COVID-19 available at the time of publication. In many aspects, SARS-CoV-2 information is not complete and some evidence from previous airborne viruses may have been used for best practice recommendations. I am sharing publicly available advice but I and the contributors and all those involved in this presentation exclude all and any liability for any direct, indirect, incidental damages or any other damages that could result from, or be connected with, the use of the information presented in this document.

What is UVC Light?



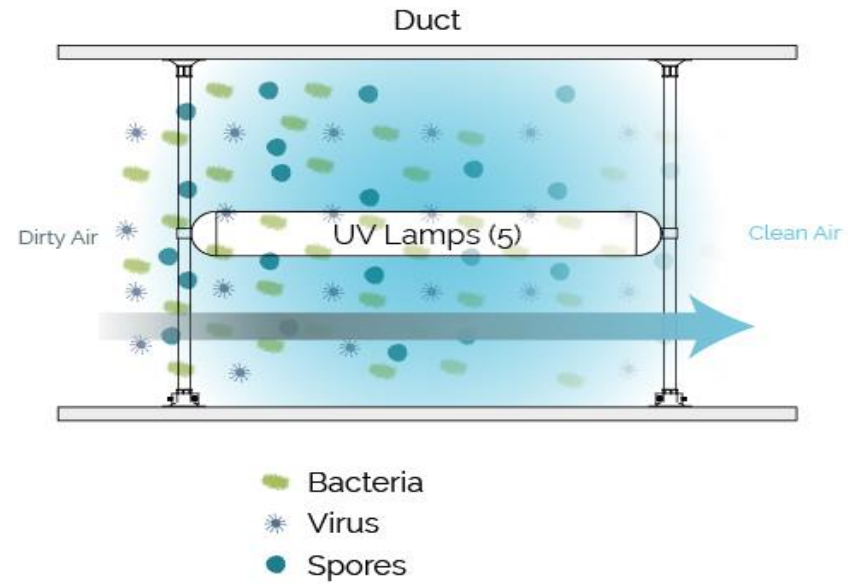
Wavelength (nm)	Practical Use
100-200	Vacuum UV
200-280	UVC – Disinfection and sensing
280-315	UVB- Curing & Medical Applications
315-400	Printing, curing, sensing

How Does UVC Disinfection Work?



UVC Filters

How UV-C Filter Works?



Safety & Validation

Flakt UVC Product:

Disinfect >90% Airborne Virus'

Optimises UV-C light chamber for high dosage

Safety Package Includes:

UVC Resistant viewing windows

Door Contact Switch

Light Traps



UV-C Air Purification Units

How Air Purification Units Work?



Safety & Validation

Luxibel B Air V 2 Device

Findings of a published Scientific research paper:

1. B Air V2 reduces 98% of microorganisms in a $100m^3$ room within 20 hours
2. Effective in eradicating Covid-19
3. Most effective when used in a Mid-Air Disinfection System (MADS)

MADS:

