

Ultra-Violet Light Air Sanitation System

CALYPSO SERIES

Why use Ultra-violet light to sterilize?

- All micro-organisms incorporate, amongst other things nucleic acid. Since nucleic acids absorb the impinging radiation energy, a photochemical process is triggered off which damages the reproductive apparatus of the microorganisms and thus kills them.
- Photo catalytic Nanotechnology is now being utilized to clean and purify indoor air. Titanium dioxide (TiO₂) - when charged by the ultra-violet photons - produces a powerful oxidizing agent called Hydroxyl which destroys airborne germs and pollutants in the air.
- The Calypso Range was developed with a specific air flow to eradicate the highest resistant micro-organisms such as Botrytis and Aspergillus Niger in cold rooms and small areas.
- The maximum radiation absorption of the nucleic acids is the maximum emission range of the Airzone Air Purifiers making them safe to use for many applications.



GENERAL USE:

- | | | |
|--------------------|----------------------|--------------------------------------|
| • Gyms | • Offices | • Homes |
| • I.C.U | • Surgeries | • Hospital wards |
| • Doctors' rooms | • Shopping centres | • Chicken sheds |
| • Fruit/veg stalls | • Cold storage rooms | • Cheese, wine & meat maturing rooms |



The Calypso Models

- Calypso 18 (12V and 220V)
- Calypso 55 (220v)
- Calypso 220 (220v)
- Calypso Ceiling Disc (220V)

Ordering Information:

