

Effective against micro-organisms, up to fungal spore level

## CALYPSO

### SPECIFICATIONS:

Model:	Calypso 18	Calypso 55
Input:	220V	220V
Ampere:	0.2A	0.2A
Frequency:	50Hz	50Hz
Maximum area:	22m <sup>3</sup>	35m <sup>3</sup>
Air flow (nominal figure):	70 Nm <sup>3</sup> / hr	100 Nm <sup>3</sup> / hr
Dimensions (mm):	500 x 160 x 60	1200 x 160 x 60
Weight:	1.2 kg	1.2 kg
Enclosure:	Both Aluminium powder coated	
Source:	Both UVC, 254nm germicidal	
Design Radiation Dose:	Both 3000µW/cm <sup>2</sup> inside box	



Below is a list of Radiation doses required for 90% inactivation of various micro-organisms:

	(W.s / m <sup>2</sup> )
<b>Bacteria:</b>	
• Staphylococcus species:	1800 – 2600
• Streptococcus species:	2000 – 6100
• Shigella paradysenteriae:	1680
• Spirillum rubrum:	4400
• Pseudomonas species:	3500 – 5500
• Escherichia Coli:	3000
• Myobacterium Tuberculosis:	10
<b>Yeasts:</b>	
• Saccharomyces Cerevisiae:	33 – 1 00
<b>Mould Spores:</b>	
• Aspergillus Niger:	3300

### GENERAL USES:

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

Ordering Information:

Trials on the unit by C.S.I.R., Infruitec have proven the units efficiency in controlling both Aspergillus Niger and Botrytis Cinerarea spores. A complete radiation dose table is available.