

Product Datasheet

SafeAIR SASUV Germicidal Surface Sterilisers: (SASUV18/55/95)



General Specifications

SASUV18/55/95

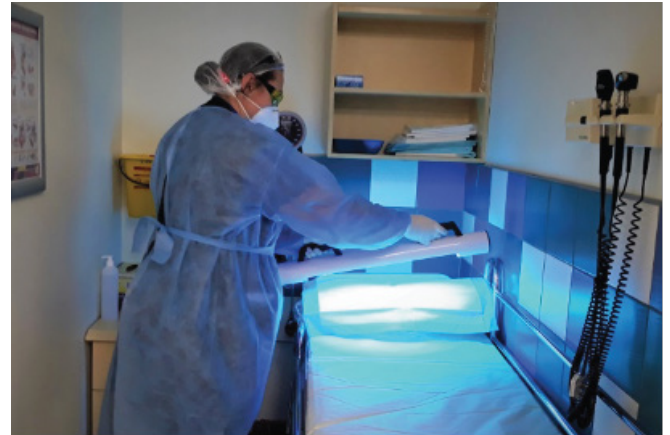
Model & Order Code	SASUV18	SASUV55	SASUV95
Unit Size in mm L x W x H	412 X 76 X 123	712 X 76 X 123	712 X 76 X 312
Unit Weight KG	1.1 Kg	1.79 Kg	1.85 Kg
Unit Structure	Powder Coated Aluminium	Powder Coated Aluminium	Powder Coated Aluminium
Application	Sterilisation	Sterilisation	Sterilisation
Lamps (Nom) Volts, Watts, Amps	60V - 18W 0.37A	60V - 18W 0.37A	60V - 18W 0.37A
Lamp Base - 4 Pin	2G11	2G11	2G11
Lamp Life	9000hrs	9000hrs	9000hrs
Lifetime Depreciation	15%	15%	15%
Hg Content	4.4mg	4.4mg	4.4mg
UV-C Radiation @ 100hr	5.5w	17w	27w
$\mu\text{W}/\text{cm}^2$ at 1 Meter	51	156	250

Classification: UV Germicidal Surface Sterilisers

NB - Pictures, models and criteria are subject to change without notice.

Main Benefits

- ✓ SafeAir Sterilisers have high UV-C output and kill pathogens in seconds.
- ✓ Available in 18w and high output 55w and 95w models.
- ✓ Germicidal 254nm UV-C lamp.
- ✓ 9,000 hours lamp life (5-10 years depending on use/day).
- ✓ Easy lamp change without dismantling housing.
- ✓ Lightweight aluminium powder coated housing.
- ✓ Easy to use with on/off switch and safety remote control.
- ✓ Anti-vibration lamp holder.
- ✓ Designed and manufactured in South Africa.
- ✓ Includes UV Safety Glasses, face shield and gloves.
- ✓ Special lamp glass filters the 185 nm ozone-forming radiation.
- ✓ Protective inside coating ensures almost constant UV output for the complete lifetime of the lamp.
- ✓ Shatterproof lamp sleeve for safety in the event of lamp breakage.



Lamp Intensity & UV-C Dose	SASUV18	SASUV55	SASUV95
$\mu\text{W}/\text{cm}^2$ at 1m (Lamp Intensity)	51	156	250
UV-C Dose / 1 min at 1meter	3060	9360	15000
$\mu\text{W}/\text{cm}^2$ at 250mm (Lamp Intensity)	204	624	1000
UV-C Dose / 15 sec at 250mm	3060	9360	15000
$\mu\text{W}/\text{cm}^2$ at 125mm (Lamp Intensity)	408	1248	2000
UV-C Dose / 7.5 sec at 125mm	3060	9360	15000
$\mu\text{W}/\text{cm}^2$ at 62.5mm (Lamp Intensity)	816	2496	4000
UV-C Dose / 4 sec at 62.5mm	3264	9984	16000



Always avoid exposure to germicidal UV rays which are harmful to eyes and skin, operator must ensure area is clear of people, animals and plants and must wear UV glasses, face shield and gloves.



Always disconnect power to UV equipment when doing maintenance or replacing lamps.