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Product Name :

Air Sterilisation Unit

Product Code :

SLE/SAH/37



Description :

Air Sterilisation Unit (Product Code: SLE/SAH/37) is a compact, mobile UV-C air steriliser used to treat the air inside enclosed rooms such as classrooms, staff rooms, waiting areas and offices where many people gather. Five UV-C tubes inside the unit treat up to 800 m³ of air per hour, sized for a room of about 80 m³, and it runs from a standard 220-240 V supply on smooth castors. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Operating principle	Air drawn in through side inlets, exposed to UV-C radiation, then returned to the room through the front outlet by an internal fan
Number of UV-C tubes	5 per unit
Air capacity	Up to 800 m³/hr per unit (technical data lists ?800 m³/hr)
Applicable room size	80 m³ per unit; multiple units can be combined for larger spaces
O3 concentration during dynamic sterilisation	?0.1 mg/m³
Sound level	?55 dB
Size (H x W x D)	830 x 425 x 300 mm
Weight	Approximately 25 kg
Power supply	AC 220-240 V, 50/60 Hz; standard 3-pin plug; simple on/off switch
Power consumption	?250 W
Working temperature	-10°C to 40°C
Working humidity	?80%
Atmospheric pressure	60 kPa to 106 kPa
Lamp maintenance	UV lamps require replacing every 5000 hours
Mobility	Smooth castors; sized to pass through doorways
Caution	Use with caution in a potentially explosive atmosphere
Product code	SLE/SAH/37
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is a UV-C Air Sterilisation Unit Used For?

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