

***Vapour Hydrogen Peroxide Generator
LVHG-A10***



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Vapour Hydrogen Peroxide Generator LVHG-A10 is specially designed device for sterilization in enclosed spaces such as isolation room, isolator, transfer passageway, blending machine, biosafety cabinets and in small clean room. It takes the advantages of the hydrogen peroxide has better sporicidal efficiency in gas state than the liquid state at room temperature and then generated free hydroxyl groups are this to attack cell components, including lipids, proteins and DNA organization, which achieves the requirement of complete sterilization.

Features

- △ Fast sterilization cycle, cost-effective
- △ Hydrogen peroxide has excellent material compatibility for validation
- △ Secure under the room temperature and atmospheric pressure
- △ Connected to materials of imported silicone tube and aseptic bayonet
- △ Designed by dehumidification function to adjust, control humidity and temperature
- △ Adopts data online printing function with colour touch screen display
- △ Stearothermophilus killing capability is 10⁶ by broad-spectrum sterilization
- △ Alarm function interface
- △ Good compatibility of hydrogen peroxide and gas material

Application

Vapour Hydrogen Peroxide Generator is applicable in hospitals, monitoring technologies and pharmaceutical companies sterilize fungi, bacteria, viruses and spores.

Specification

Model	LVHG-A10
Injection rate	0 to 20 ml/min
Air flow	≤ 500 L/min
Decontamination area	≤ 20 m ³
Temperature	≤ 100 °C
Sterilizing agent	35 % or 50% food grade hydrogen peroxide solution
Killing rate	Ability to kill stearothermophilus spores reaches 10 ⁶
Noise	≤ 70 dB
Dimension	780 × 716 × 920 mm
Electrical supply	AC 220 ± 22 V 50 Hz ± 1 Hz
Power	2500 W
Weight	100 kg