



Vapour Hydrogen Peroxide Generator LD-LVHG-A10

Labodam Equipment Ltd.

info@labodam.com | www.labodam.com

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Overview

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

Applications:

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

Specifications:

Noise	? 70 dB (A)
Dimension	560 × 720 × 1000 mm
Dehumidizer	Molecular sieve
Ground Wire	In effective connection with ground and ground impedance with no more than 4?
Power Supply	AC 220 V ± 22 V, frequency 50 Hz ± 1 Hz
Working Mode	Continuous
Compressed Air	? 0.4 MPa
Injection rate	0 to 4 g/min
Power Requirement	2500 W
Relative Humidity	? 70% RH
Sterilizing Agent	35 % of food grade hydrogen peroxide solution

Sterilizing Ratio	106 for fat thermophilic spore
Sterilizing Space	? 503
Compressed Air Flow	36 L/min
Environment Temperature	20°C to 40°C
Vaporization Temperature	? 100 °C
Air flow for Sterilization	? 2.4 m ³ /min
Interface of Connected Air	Air pipeline at 8
Capacity of Sterilizing Agent	500 g
Humidity for Dehumidification	? 30 % RH