



VERTICAL AUTOCLAVE LD-LVA-A1 SERIES

Vertical Autoclave LD-LVA-A1 Series is top loading vertical pressure steam sterilizer with chamber capacity of 35, 50, 75, 100, 120, 150 L, working sterilization temperature and pressure of 134°C and 0.22 MPa respectively. Designed with four wheels (castors) at base for easy movement of the unit. The standard 02 pcs of stainless steel baskets to keep the sterilization material load. The chamber is constructed of long lasting 304 grade stainless steel with superior corrosion resistance property. The vertical autoclave units are equipped with dual scale numerical pressure gauge to indicate temperature and pressure of the system. It works on electric heating or direct heating by immersing copper tubes of heating elements.

Features

- ▶ Top loading sterilizing unit, whole body constructed of Stainless steel
- ▶ Door design (with lock) adopted with silicone rubber seal to prevent steam leakage
- ▶ Automatically shut off with beep alarm after sterilization
- ▶ Manual water loading system
- ▶ Casters for easy movement of whole unit
- ▶ Double scale indication pressure gauge
- ▶ Provision to set sterilization time and temperature with the help of knobs
- ▶ Indicator light to indicate working status of the sterilization process, provide auto protection against over temperature, over pressure
- ▶ Safe, reliable and user-friendly operation mode
- ▶ Two stainless steel sterilizing baskets for loading material for sterilization
- ▶ Equipped with safety valve, electronic circuit safety system, emergency exhaust switch
- ▶ Complies with international standards

Applications

Vertical autoclave used in pharmaceutical industry, medicine and health care industry, Biotechnology, Microbiology for effective sterilization of glassware's, biological materials, culture media and others.

Specifications

Model No.	LD-LVA-A10	LD-LVA-A11	LD-LVA-A12
Capacity	35 L	50 L	75 L
Chamber Dimension	318 x 450 mm	340 x 550 mm	400 x 600 mm
Working Sterilization Temperature	134 °C		
Working Sterilization Pressure	0.22 MPa		
Time Range	0 to 60 mins		
Maximum Working Pressure	0.23 MPa		
Sterilization Temperature Range	105 to 134 °C		
Heat Average	±1 °C		
Power Consumption	2.5 kW	3.0 kW	4.5 kW

Power Supply	AC 220 V, 50 Hz		
External Dimension	450 x 450 x 1010 mm	510 x 470 x 1130 mm	560 x 560 x 1130 mm
Packing Dimension	570 x 570 x 1150 mm	590 x 590 x 1280 mm	650 x 650 x 1280 mm
Net Weight	56 kg	68 kg	80 kg
Gross Weight	72 kg	88 kg	100 kg
Sterilization Basket	Standard 02 Baskets For extra baskets charges applied		

Model No.	LD-LVA-A13	LD-LVA-A14	LD-LVA-A15
Capacity	100 L	120 L	150 L
Chamber Dimension	440 x 650 mm	480 x 660 mm	510 x 740 mm
Working Sterilization Temperature	134 °C		
Working Sterilization Pressure	0.22 MPa		
Time Range	0 to 60 mins		
Maximum Working Pressure	0.23 MPa		
Sterilization Temperature Range	105 to 134 °C		
Heat Average	±1 °C		
Power Consumption	4.5 kW	6.0 kW	6.0 kW
Power Supply	AC 220 V, 50 Hz		
External Dimension	560 x 560 x 1250 mm	600 x 640 x 1140 mm	670 x 690 x 1130 mm
Packing Dimension	680 x 680 x 1370 mm	730 x 730 x 1270 mm	760 x 760 x 1270 mm
Net Weight	85 kg	100 kg	110 kg
Gross Weight	110 kg	125 kg	140 kg
Sterilization Basket	Standard 02 Baskets For extra baskets charges applied		