



***VERTICAL AUTOCLAVE  
LVA-D1 SERIES***

## Vertical Autoclave LVA-D1 Series

Vertical Autoclave LVA-D10 is a class N-type top-loading vertical pressure steam sterilizer, with hand wheel type, quick to open door structure. It offers a chamber capacity of 35 L, working sterilization temperature and pressure of 134°C and 0.22 MPa respectively. Designed with four wheels (castors) at the base for easy movement of the unit. The standard 02 pcs of stainless steel baskets to keep the sterilization material load. The 304-grade stainless steel with superior corrosion resistance property is used as a construction material for the autoclave. It works on electric heating or direct heating by immersing copper tubes of heating elements. It is possible to customize autoclave with an optional drying system, according to the request.

Vertical Autoclave LVA-D11 is a class N-type top-loading vertical pressure steam sterilizer, with hand wheel type, quick to open door structure. It offers a chamber capacity of 50 L, working sterilization temperature and pressure of 134°C and 0.22 MPa respectively. Designed with four wheels (castors) at the base for easy movement of the unit. The standard 02 pcs of stainless steel baskets to keep the sterilization material load. The 304-grade stainless steel with superior corrosion resistance property is used as a construction material for the autoclave. It works on electric heating or direct heating by immersing copper tubes of heating elements. It is possible to customize autoclave with an optional drying system, according to the request.

Vertical Autoclave LVA-D12 is a class N-type top-loading vertical pressure steam sterilizer, with hand wheel type, quick to open door structure. It offers a chamber capacity of 75 L, working sterilization temperature and pressure of 134°C and 0.22 MPa respectively. Designed with four wheels (castors) at the base for easy movement of the unit. The standard 02 pcs of stainless steel baskets to keep the sterilization material load. The 304-grade stainless steel with superior corrosion resistance property is used as a construction material for the autoclave. It works on electric heating or direct heating by immersing copper tubes of heating elements. It is possible to customize autoclave with an optional drying system, according to the request.

Vertical Autoclave LVA-D13 is a class N-type top-loading vertical pressure steam sterilizer, with hand wheel type, quick to open door structure. It offers a chamber capacity of 100 L, working sterilization temperature and pressure of 134°C and 0.22 MPa respectively. Designed with four wheels (castors) at the base for easy movement of the unit. The standard 02 pcs of stainless steel baskets to keep the sterilization material load. The 304-grade stainless steel with superior corrosion resistance property is used as the construction material for the autoclave. It works on electric heating or direct heating by immersing copper tubes of heating elements. It is possible to customize autoclave with an optional drying system, according to the request.

## FEATURES

- Stainless steel body structure, with hand wheel type structure to quickly open the door
- Door safety lock system
- Digital LCD display with touch keypad
- Auto discharge the cool air, and steam discharging automatically after sterilization
- Automatic shutdown with beep sound as sterilization completes
- Class N-type Autoclave, Optional drying system, can be equipped according to the request
- Two stainless steel sterilizing baskets as a standard accessory
- Auto power cut in case of water shortage
- Self-inflating type seal is used to prevent leakage
- Over-temperature & over pressure auto-protection
- Easy to operate, safe, and reliable

## APPLICATIONS

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

## SPECIFICATION

Model no.	LVA-D10	LVA-D11
Capacity	35 L	50 L
Chamber Volume	318×450 mm	340×550 mm
Working Sterilization Temperature	134°C	
Working Sterilization Pressure	0.22 MPa	
Time Range	0 to 99 mins	
Maximum Working Pressure	0.23 MPa	
Sterilization Temperature Range	105 to 134°C	
Heat Average	≤ ± 1°C	
Power Consumption	2.5 kW	3 kW
Power supply	AC 220 V, 50 Hz	
Overall Dimension	480×450×1010 mm	510×470×1130 mm
Packing Dimension	570×550×1150 mm	590×590×1280 mm
Net weight	56 kg	68 kg
Gross weight	72 kg	88 kg

Model no.	LVA-D12	LVA-D13
Capacity	75 L	100 L
Chamber Volume	400×600 mm	440×650 mm
Working Sterilization Temperature	134°C	
Working Sterilization Pressure	0.22 MPa	
Time Range	0 to 99 mins	
Maximum Working Pressure	0.23 MPa	
Sterilization Temperature Range	105 to 134°C	
Heat Average	≤ ± 1°C	
Power Consumption	4.5 kW	4.5 kW
Power supply	AC 220 V, 50 Hz	
Overall Dimension	560×560×1120 mm	540×560×1250 mm
Packing Dimension	650×630×1280 mm	680×630×1370 mm
Net weight	80 kg	85 kg
Gross weight	100 kg	110 kg

## STANDARD ACCESSORIES

Accessory no.	Name	Material	Quantity
1	Basket	Stainless steel	02 pcs

## OPTIONAL ACCESSORIES

- Drying System