

# Standard Freeze Dryer LFFD-A12



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Standard Freeze Dryer LFFD-A12 is a floor standing compressed unit with 3 kg condenser capacity and condenser temperature of  $\leq -56^{\circ}\text{C}$  for sampling's holding diluents. Equipped with 4 to 6 shelves allowing any shape or size of sample to be freeze dried and LCD touchable screen and fabricated in oil mist filtration system and vacuum pump oil return device. Excellent cooling and defrosting mode. It is used in laboratory and small amount production.

### Features

- Long lasting preservation equipment
- Anti-corrosion, anti-external flange and anti-leakage
- Inert material are used to meet GLP requirement
- Console and cold trap are finished with stainless steel
- Hygienic and Reliable usage and operation
- Ice holding capacity and patented gas diversion tools
- Vacuum pump protection function using vacuum pump
- Advanced brand compressors
- High efficiency, long life and low noise operation
- Sample pre-frozen function, large cold trap opening and no inner coil

### Applications

Standard Freeze Dryer has tremendous applications in different field such as medicine, pharmacy, biology research, chemical industry and food production.

## Specification

<b>Model No.</b>	<b>LFFD-A12</b>
Cold Trap Temperature	≤ -56°C
Condenser Capacity	6 kg/ 24 h
Freeze Drying Area	0.27 m <sup>2</sup>
Bulk Capacity	2.7 L
Display	LCD Touch screen
Shelves	4 to 6 pcs
Shelves Dimension	Φ 240 mm
Shelves spacing	47 mm
Final Vacuum	≤ 5 pa
Voltage	220 V / 50 Hz
Pumping Speed	4 L/s
Cooling Mode	Wind cooled
Defrosting Mode	Air cooled
Cold Trap depth	400 mm
Cold Trap diameter	Φ 270 mm
Power	1400 W
Internal Dimension	630 × 580 × 970 mm
External Dimension	820 × 580 × 950 mm
Weight	155 kg

## Optional Accessories

Accessories Number	Accessories Name
1	Cold trap temperature -80°C
2	Vacuum pump anti- returned oil device
3	Cold trap electrical heat defrosting
4	Oil mist filter system
5	Imported vacuum pump
6	Nonstandard customized