

# STANDARD FREEZE DRYER

LFFD-A1 Series



## Standard Freeze Dryer LFFD-A1 Series

Standard Freeze Dryer LFFD-A1 series are floor standing units with 3 kg condenser capacity and condenser temperature options of either - 50°C used for drying aqueous specimens or - 80 °C for specimen's containing solvents. Equipped with four to six shelves allowing any shape or size of sample to be freeze dried. Precise vacuum control enables faster freeze drying and reproducible results. Built in oil mist filtration system and vacuum pump oil return device helps in maintenance of vacuum pressure and prevention of oil leakage.

### Features

- Ice condenser capacity is 3 kg / 24 h
- Condenser temperature ( - 50°C / - 80 °C )
- Vacuum pump oil return
- Oil mist filtration system
- Clear acrylic door for easy product viewing during processing
- Easy to clean and anti-corrosion cold trap and operating table
- Display of sample temperature , vacuum curve degree , cold trap temperature curve

### Specifications

Model No.	LFFD-A10	LFFD-A11
Condenser temperature	- 50 °C	- 80 °C
Condenser capacity	3 kg/ 24 h	3 kg/ 24 h
Freeze drying area	0.12 m <sup>2</sup>	0.18 m <sup>2</sup>
Bulk capacity	1.2 L	1.8 L
Vial capacity Φ 12 mm	820 pieces	1220 pieces
Vial capacity Φ 16 mm	460 pieces	680 pieces
Vial capacity Φ 22 mm	244 pieces	348 pieces
Display	LCD touch screen	LCD touch screen
Shelves	4 - 6 shelves	4 - 6 shelves
Shelves dimension	Φ 200 mm	Φ 240 mm
Final Vacuum	< 10 Pa	< 10 Pa
Voltage	220 V / 50 Hz	220 V / 50 Hz
Dimensions	580 x 500 x ( 720 + 430 ) mm	735 x 540 x ( 970 + 430 ) mm
Weight	105 kg	190 kg