

TOP PRESS FREEZE DRYER

LFFD-C1 SERIES



Top Press Freeze Dryer LFFD-C1 Series

Standard Freeze Dryer LFFD-C1 series are floor standing units with 3 kg condenser capacity and condenser temperature options of either -55 °C used for drying aqueous specimens or -80 °C for specimen's containing solvents. It provides feasibility of vial lyophilization. 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 (-55°C / -80 °C)
- Vacuum pump oil return
- Oil mist filtration system
- Facilitates connection of different sizes of flasks ranging from 100 ml to 1000 ml
- 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-C10	LFFD-C11
Condenser temperature	- 50 °C	- 80 °C
Condenser capacity	3 kg / 24 h	3 kg / 24 h
Freeze drying area	0.08 m ²	0.12 m ²
Bulk capacity	0.8 L	1.2 L
Vial capacity Φ 12 mm	492 pieces	820 pieces
Vial capacity Φ 16 mm	279 pieces	460 pieces
Vial capacity Φ 22 mm	147 pieces	244 pieces
Display	LCD touch screen	LCD touch screen
Shelves	4 shelves	4 shelves
Shelves dimension	Φ 240 mm	Φ 240 mm
Final Vacuum	< 10 Pa	< 10 Pa
Voltage	220 V / 50 Hz	220 V / 50 Hz
Dimensions	635 x 540 x (970 + 430) mm	630 x 580 x (970 + 540) mm
Weight	125 kg	160 kg