



 LABTRON

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STANDARD FREEZE DRYER

LBFD-A1 SERIES

Standard Freeze Dryer LBFD-A1 Series

Standard Freeze Dryer LBFD-A1-series are compact table-top 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. 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 (- 55 °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.	LBFD-A10	LBFD-A11
Condenser temperature	- 50 °C	- 80 °C
Condenser capacity	3 kg / 24 h	3 kg / 24 h
Freeze drying area	0.12 m ²	0.18 m ²
Bulk capacity	1.2 L	1.8 L
Display	LCD touch screen	LCD touch screen
Shelves	4 - 6 shelves	4 - 6 shelves
Shelves dimension	Φ 200 mm	Φ 200 mm
Final Vacuum	< 10 Pa	< 10 Pa
Voltage	220 V / 50 Hz	220 V / 50 Hz
Dimensions	565 x 420 x (360 + 430) mm	830 x 680 x (400 + 430) mm
Weight	75 kg	125 kg