



Floor Model Freeze Dryer

Floor model Freeze Dryer

Floor model Freeze Dryer LFFD-A1 Series

Floor model freeze dryer LFFD-A1 series boasts a 3-4 kg per 24 hour condensing rate. It features CFC-free refrigeration, vacuum drying with low noise compressor for safe and noiseless functioning, corrosion resistant body that is configured strictly following ISO & CE standards. The transparent acrylic drum drying chamber allow users to observe the drying process. It features compact console with casters that make it easy to move and are equipped with graphic LCD display with a clear layout to show the drying curves.

Features

- ❄ Features vacuum freeze drying technology
 - ❄ Graphic LCD display with a clear layout showing the drying curves
 - ❄ Stainless steel construction of condenser, operation panel and shelves
 - ❄ Transparent acrylic drum drying chamber for user to observe the drying process
 - ❄ Condenser features pre-freezing function
 - ❄ Small size and easy to operate
 - ❄ Imported low noise compressor
 - ❄ CFC-free refrigeration
 - ❄ Features nitrogen valve and eutectic test device (optional)
 - ❄ The unit is a compact console with casters that make it easy to move
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Applications

Floor model freeze dryer can be used in laboratory or production to process serum bottles, vials or manifold type containers, to implement an important stage of a product (such as concentration) and to improve storage life and improved marketing of the end product.

Floor model Freeze Dryer

Specifications

Model No.	LFFD-A10	LFFD-A11
Condenser Capacity	3-4kg/24h	
Condenser Temperature	<-55°C-80°C	
Vacuum Degree	<10Pa	
Freeze-Drying Area	0.12m ²	
Bulk Capacity	1.2L, 10mm thickness	
Dimension	φ200mm	
Shelves	4 layers	
Maximum Power Consumption	750W	
Cooling	Air, draughty, ambient temperature ≤25°C	
Voltage Supply	220V, 50Hz	
Dimensions of Base Unit	556×460×(720+430)mm	
Vials Capacity Φ12mm	920	
Vials Capacity Φ16mm	480	
Vials Capacity Φ22mm	260	
Weight	62kg	

Floor model Freeze Dryer

Floor model Manifold type Freeze Dryer LFFD-A2 Series

Floor model manifold type freeze dryer LFFD-A2 series with 8 manifold ports, boasts a 3-4 kg per 24 hour condensing rate. It features CFC-free refrigeration, vacuum drying technology with low noise compressor for safe and noiseless functioning, corrosion resistant body that is configured strictly following ISO & CE standards. Its graphical LCD display with a clear layout shows the drying curves.

Features

- ❄️ Manifold type with 8 manifold ports
 - ❄️ User friendly with CFC-free refrigeration
 - ❄️ Low noise compressor
 - ❄️ Graphic LCD display with a clear layout showing the drying curves
 - ❄️ Vacuum freeze drying technology
 - ❄️ Stainless steel construction of condenser, operation panel and shelves
 - ❄️ Condenser features pre-freezing function
 - ❄️ Equipped with compact console with casters for the easy to movement
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Applications

Floor model manifold type freeze dryer are used for preservation of temperature sensitive products, particularly those of biological origin, such as enzymes, blood plasma, vaccines and to achieve a chemical balance, such as for biochemical reagents.

Floor model Freeze Dryer

Specifications

Model No.	LFFD-A20	LFFD-A21
Condenser Capacity	3-4kg/24h	
Condenser Temperature	<-55°C	-80°C
Vacuum Degree	<10Pa	
Freeze-Drying Area	0.12m ²	
Bulk Capacity	1.2L, 10mm thickness	
Dimension	φ200mm	
Shelves	4 layers	
Flask Specification	1000ml, 500ml, 250ml, 100ml	
Manifold	Manifold with 8 ports	
Maximum Power Consumption	750W	
Voltage Supply	220V, 50Hz	
Dimensions of Base Unit	556×460×(720+465)mm	
Vials Capacity Φ12mm	920 pcs	
Vials Capacity Φ16mm	480 pcs	
Vials Capacity Φ22mm	260 pcs	
Weight	62kg	

Floor model Freeze Dryer

Floor model Top press type Freeze Dryer LFFD-A3 Series

Floor model with top press design comes with corrosion resistant body and stainless steel condenser that makes this freeze dryer efficient and durable. This floor model with top press design features CFC-free refrigeration, vacuum freeze drying technology with low noise compressor for safe and noiseless functioning, corrosion resistant body that is configured strictly following ISO & CE standards. Its graphical LCD display with a clear layout shows the drying curves.

Features

- ❄ Top press type design
 - ❄ Pre-cooling shelf can be used as draft tube to accelerate the speed of drying
 - ❄ CFC-free refrigeration
 - ❄ Dual-machine cascade refrigeration is optional
 - ❄ Vacuum freeze drying technology
 - ❄ Low noise compressor
 - ❄ Communication interface and nitrogen valve is (optional)
 - ❄ Graphic LCD display with a clear layout showing the drying curves
 - ❄ Corrosion-resistant stainless steel construction
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Applications

The floor type provide a practical solution for certain delivery problems, for example, the packaging of constituents that cannot be mixed in the liquid state, but which are solidified in successive stages and then freeze dried and to implement an important stage of a product (such as concentration).

Floor model Freeze Dryer

Specifications

Model No.	LFFD-A30	LFFD-A31
Condenser Capacity	3-4kg/24h	
Condenser Temperature	<-55°C	-80°C
Vacuum Degree	<10Pa	
Freeze-Drying Area	0.08m ²	
Bulk Capacity	0.8L, 10mm thickness	
Dimension	φ180mm	
Shelves	3 layers	
Press Style	by hand	
Maximum Power Consumption	750W	
Voltage Supply	220V, 50Hz	
Dimensions of Base Unit	556×460×(720+430)mm	
Vials Capacity Φ12mm	560 pcs	
Vials Capacity Φ16mm	285 pcs	
Vials Capacity Φ22mm	165 pcs	
Weight	62kg	

Floor model Freeze Dryer

Floor model Top press with manifold type Freeze Dryer LFFD-A4 Series

Floor model Top press with manifold type freeze dryers are designed with 8 manifold ports with 3-4Kg per 24 hours condensing rate. These freeze dryers comes in corrosion resistant body and stainless steel condenser that makes this freeze dryer efficient and durable. This floor model with top press features CFC-free refrigeration, vacuum freeze drying technology with low noise compressor for safe and noiseless functioning, corrosion resistant body that is configured strictly following ISO & CE standards. Its graphical LCD display with a clear layout shows the drying curves.

Features

- ❄ Top press with manifold type designed with 8 manifold ports
 - ❄ Vacuum freeze drying technology
 - ❄ CFC-free refrigeration
 - ❄ Graphic LCD display with a clear layout showing the drying curves
 - ❄ User friendly and compact in size
 - ❄ Stainless steel construction of condenser, operation panel and shelves
 - ❄ Transparent acrylic drum drying chamber for user to observe the drying process
 - ❄ Imported low noise compressor
 - ❄ Condenser features pre-freezing function
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Applications

Floor model Top press with manifold type freeze dryers are used to achieve a chemical balance, such as for biochemical reagents, for analysing temperature sensitivity of products, to implement an important stage of a product (such as concentration).

Floor model Freeze Dryer

Specifications

Model No.	LFFD-A40	LFFD-A41
Condenser Capacity	3-4kg/24h	
Condenser Temperature	<-55°C	-80°C
Vacuum Degree	<10Pa	
Freeze-Drying Area	0.08m ²	
Bulk Capacity	0.8L, 10mm thickness	
Dimension	φ180mm	
Shelves	3 layers	
Flask Specification	1000ml, 500ml, 250ml, 100ml	
Manifold	Manifold with 8 ports	
Press Style	by hand	
Maximum Power Consumption	750W	
Voltage Supply	220V, 50Hz	
Dimensions of Base Unit	556×460×(720+465)mm	
Vials Capacity Φ12mm	560 pcs	
Vials Capacity Φ16mm	285 pcs	
Vials Capacity Φ22mm	165 pcs	
Weight	62kg	

Floor model Freeze Dryer

Floor model T type Freeze Dryer LFFD-A5 Series

Floor model T type Freeze Dryer LFFD-A5 Series is portable and easy to operate. It has 3-4Kg per 24 hours condensing rate. This device features CFC-free refrigeration, vacuum drying with low noise compressor for safe and noiseless functioning, corrosion resistant body that is configured strictly following ISO & CE standards. It has graphical LCD display with a clear layout shows the drying curves.

Features

- ❄️ T type freeze dryer
 - ❄️ Compliant with the green environmental protection of international standard
 - ❄️ Graphics LCD display with a clear layout shows the drying curves.
 - ❄️ Vacuum freeze drying technology
 - ❄️ CFC-free refrigeration
 - ❄️ Low noise compressor
 - ❄️ Equipped with condenser with pre-freeze function
 - ❄️ Corrosion resistant body and stainless steel condenser
 - ❄️ Easy to operate
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Applications

Floor model T type Freeze Dryer are used in the laboratory or production to process Serum bottles, vials or manifold type containers. Also used to freeze dry products such as plant material, organic tissue, waste products, and polymers.

Floor model Freeze Dryer

Specifications

Model No.	LFFD-A50	LFFD-A51
Condenser Capacity	3-4Kg/24h	
Condenser Temperature	<-55°C	-80°C
Vacuum Degree	<10Pa	
Vacuum pump flow rate (new)	2L/S, 7.2m ³ /h	
Maximum Power Consumption	750W	
Voltage Supply	220V, 50Hz	
Dimensions of Base Unit	560×460×(720+440)mm	
No. of Sealed Valves	24 pieces for 24 ampoules	
Cooling	Air, draughty, ambient temperature≤25°C	
Weight	62kg	

Floor model Freeze Dryer

Floor model Freeze Dryer LFFD-B1 Series

Floor model Freeze Dryer LFFD-B1 series has self-bell-capped transparent drying compartment and they are portable and easy to operate. This device features CFC-free refrigeration, vacuum drying with low noise compressor for safe and noiseless functioning, corrosion resistant body that is configured strictly following ISO & CE standards. It has graphical LCD display with a clear layout to show the drying curves.

Features

- ❄ Safe bell-capped transparent drying compartment
 - ❄ Compliant with the green environmental protection of international standard
 - ❄ Vacuum freeze drying technology
 - ❄ Graphic LCD display with a clear layout showing the drying curves
 - ❄ Condenser comprises pre-freezing function
 - ❄ Features nitrogen valve and eutectic test device (optional)
 - ❄ Equipped with casters that make it easy to move
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Applications

Freeze model freeze dryers are used in preservation of temperature sensitive products, particularly those of biological origin, such as enzymes, blood plasma, vaccines, and biochemical reagents. Also to improve storage life and improved marketing of the end products.

Floor model Freeze Dryer

Specifications

Model No.	LFFD-B10	LFFD-B11
Condenser Capacity	6Kg/24h	
Condenser Temperature	<-55°C	-80°C
Vacuum Degree	<10Pa	
Freeze-Drying Area	0.18m ² - 0.27m ²	
Bulk Capacity	1.8L-2.7L, 10mm thickness	
Dimension	φ240mm	
Shelves	4 layers	
Temperature of Shelf	-40 to +60°C	
Maximum Power Consumption	1400W	
Voltage Supply	220V, 50Hz	
Dimensions of Base Unit	610×540×(963+445)mm	
Vials Capacity Φ22mm	1320-1980 pcs	
Vials Capacity Φ16mm	740-1110 pcs	
Vials Capacity Φ12mm	360-540 pcs	
Weight	105kg	

Floor model Freeze Dryer

Floor model Manifold type Freeze Dryer LFFD-B2 Series

Floor model manifold type freeze dryer with 8 extra manifold ports LBFD-B2 series is portable and easy to operate. The bench-top manifold type series boasts a 6 kg per 24 hour condensing rate. This device features vacuum drying technology with low noise compressor for smooth and silent functioning. Its graphic LCD display with clear layout shows the drying curves and other parameters for easy analysis. The manifold type freeze dryers are configured strictly following ISO & CE standards.

Features

- ❄️ Manifold type with 8 extra manifold ports
 - ❄️ Graphic LCD display with a clear layout showing the drying curves
 - ❄️ Equipped with vacuum freeze drying technology
 - ❄️ CFC-free refrigerant
 - ❄️ Highly efficient and durable
 - ❄️ Data can be transfer through USB port
 - ❄️ Condenser with pre-freezing function
 - ❄️ Condenser, operation panel and shelves are made of stainless steel
 - ❄️ Transparent Acrylic Drum drying chamber for clear view
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Applications

Floor model manifold type freeze dryers are used in laboratories and production to improve storage life and improved marketing of the end product, to freeze dry products such as plant material, organic tissue, waste products, and polymers.

Floor model Freeze Dryer

Specifications

Model No.	LFFD-B20	LFFD-B21
Condenser Capacity	6Kg/24h	
Condenser Temperature	<-55°C	-80°C
Vacuum Degree	<10Pa	
Freeze-Drying Area	0.18m ² - 0.27m ²	
Bulk Capacity	1.8L-2.7L, 10mm thickness	
Dimension	φ240mm	
Shelves	4 layers	
Temperature of Shelf	-40 to +60°C	
Manifold	Manifold with 8 ports	
Flask Specification	1000ml, 500ml, 250ml, 100ml	
Maximum Power Consumption	1400W	
Voltage Supply	220V, 50Hz	
Dimensions of Base Unit	610×540×(963+465)mm	
Vials Capacity Φ12mm	1320-1980 pcs	
Vials Capacity Φ16mm	740-1110 pcs	
Vials Capacity Φ22mm	360-540 pcs	
Weight	105kg	

Floor model Freeze Dryer

Floor model Top press type Freeze Dryer LFFD-B3 Series

Floor model Top press type Freeze Dryer LFFD-B3 Series is portable and easy to operate. This device features CFC-free refrigeration, vacuum drying with low noise compressor for safe and noiseless functioning, corrosion resistant body that is configured strictly following ISO & CE standards. These floor model top press type freeze dryers can store up to 16 programs with each program having 32 segments. It has 6kg per 24 hour condensing rate and enhanced drying rate.

Features

- ❄️ Top press type Freeze Dryer
 - ❄️ Partition board temperature curve, condenser temperature curve and sample temperature curve are displayed on LCD screen
 - ❄️ Can store up to 16 programs with each program having 32 segments
 - ❄️ PID control circuit system with precise control accuracy
 - ❄️ Uses composite refrigerant and low noise compressor
 - ❄️ Freezes at a faster rate and enhanced drying effect
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Applications

Floor model Top press type Freeze Dryer are used to provide a practical solution for certain delivery problems, for example, the packaging of constituents that cannot be mixed in the liquid state, but which are solidified in successive stages and then freeze dried.

Floor model Freeze Dryer

Specifications

Model No.	LFFD-B30	LFFD-B31
Condenser Capacity	6Kg/24h	
Condenser Temperature	<-55°C	-80°C
Vacuum Degree	<10Pa	
Freeze-Drying Area	0.09m ²	
Bulk Capacity	0.9L, 10mm thickness	
Dimension	φ200mm	
Shelves	3 layers	
Temperature of Shelf	-40 to +60°C	
Press Style	by hand	
Maximum Power Consumption	1400W	
Voltage Supply	220V, 50Hz	
Dimensions of Base Unit	610×540×(963+445)mm	
Vials Capacity Φ12mm	990 pcs	
Vials Capacity Φ16mm	555 pcs	
Vials Capacity Φ22mm	270 pcs	
Weight	105kg	

Floor model Freeze Dryer

Floor model Top press with Manifold type Freeze Dryer LFFD-B4 Series

Floor model Top press with manifold type freeze dryers LFFD-B4 series are designed with 8 manifold ports and has 6kg per 24 hours condensing rate. These top press type manifold freeze dryers can store up to 16 programs with each program having 32 segments. It uses composite refrigerant and vacuum freeze drying technology with low noise compressor for safe and noiseless functioning, corrosion resistant body that is configured strictly following ISO & CE standards.

Features

- ❄ Top press with manifold type designed with 8 manifold ports
- ❄ Data can be transfer through USB port
- ❄ Can store up to 16 programs with each program having 32 segments
- ❄ PID control circuit system with precise control accuracy
- ❄ Uses composite refrigerant and low noise compressor
- ❄ Vacuum freeze drying technology
- ❄ CFC-free refrigeration
- ❄ Graphic LCD display with a clear layout showing the drying curves

Applications

Floor model Top press with manifold type freeze dryers are used in laboratory or production to process Serum bottles, vials or manifold type containers. Also used to freeze dry products such as plant material, organic tissue, waste products, and polymers.

Floor model Freeze Dryer

Specifications

Model No.	LFFD-B40	LFFD-B41
Condenser Capacity	6Kg/24h	
Condenser Temperature	<-55°C	-80°C
Vacuum Degree	<10Pa	
Freeze-Drying Area	0.09m ²	
Bulk Capacity	0.9L, 10mm thickness	
Dimension	φ200mm	
Shelves	3 layers	
Temperature of Shelf	-40 to +60°C	
Flask Specification	1000ml, 500ml, 250ml, 100ml	
Cooling	Air, draughty, ambient temperature ≤25°C	
Press Style	by hand	
Manifold	Manifold with 8 ports	
Maximum Power Consumption	1400W	
Voltage Supply	220V, 50Hz	
Dimensions of Base Unit	635×540×(970+430)mm	
Vials Capacity Φ12mm	990 pcs	
Vials Capacity Φ16mm	555 pcs	
Vials Capacity Φ22mm	270 pcs	
Weight	105kg	

Floor model Freeze Dryer

Floor model T type Freeze Dryer LFFD-B5 Series

Floor model T type freeze dryers LFFD-A5 series is portable and easy to operate. It has 6kg per 24 hour condenser rate. This device features CFC-free refrigeration, vacuum drying with low noise compressor for safe and noiseless functioning, corrosion resistant body. It is configured strictly following ISO & CE standards. It has graphical LCD display with a clear layout to show the drying curves. Floor model T type freeze dryers are efficient and durable to freeze dry industrial perishable products.

Features

- ❄️ T type freeze dryer
 - ❄️ 12 no of sealed valves for 12 flasks
 - ❄️ Highly efficient and durable
 - ❄️ Made of stainless steel body
 - ❄️ Transparent acrylic drying chamber
 - ❄️ Data can be transfer through USB port
 - ❄️ Condenser with pre-freezing function
 - ❄️ Comprises of coloured LCD touch screen which can display freeze drying curve
 - ❄️ Equipped with low noise compressor and CFC- free refrigerant
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Applications

Floor model T type freeze dryer can be used for laboratory or production uses to process serum bottles, vials or manifold type containers, to freeze dry products such as plant material, organic tissue, waste products, and polymers and to improve storage life and improved marketing of the end product.

Floor model Freeze Dryer

Specifications

Model No.	LFFD-B50	LFFD-B51
Condenser Capacity	6Kg/24h	
Condenser Temperature	<-55°C	-80°C
Vacuum Degree	<10Pa	
Maximum Power Consumption	1400W	
Voltage Supply	110V/220V, 60Hz/50Hz	
Dimensions of Base Unit	635×540×(970+430)mm	
No. of Sealed Valves	12 pcs for 12 flasks	
Cooling	Air, draughty, ambient temperature $\leq 25^{\circ}\text{C}$	
Weight	105kg	