

-150°C Freezer

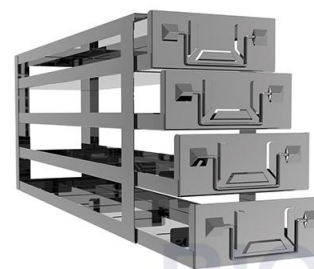


BDF-150H128

Technical Parameters

Model	BDF-150H128
Capacity	128L
Temperature Range	-40~-150°C
Temp. Accuracy	0.1°C
Temp. Uniformity	≤5°C
Temp. Stability	≤6°C
Control System	Microprocessor control
Display	7-inch LCD touch screen
Alarm	High temperature alarm, low temperature alarm, abnormal power supply alarm, sensor fault alarm, filter check alarm, ring temperature alarm, condenser fault alarm
Refrigeration Type	Direct-cooling
Refrigerant	R4001
Compressor	Compressor of French origin/1
Condenser & Evaporator	copper tube finned condenser; copper tube coil evaporator,
Defrost	Manual defrost
Construction	High density polyurethane foam, CFC free
Material	Internal Material 304 stainless steel
External Material	Sprayed steel plate
Door	Outer door: sprayed steel plate door*1 Inner door: XPS extruded polystyrene foam board door*2
Consumption	3125W
Power Supply	AC 220V,50/60Hz(Standard); 110V,50/60Hz(Optional)
Casters	Yes
Shelf	/
Standard Accessory	USB interface, remote alarm terminal, manometer, test port
Optional Accessory	Temperature recorder, liquid nitrogen backup system
Internal Size(W*D*H)	500*450*578mm
External Size(W*D*H)	1560*957*1178mm
Package Size(W*D*H)	1637*970*1383mm
Net Weight	245kg
Gross Weight	340kg

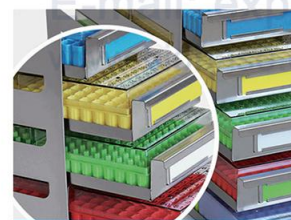
Freezer Racks



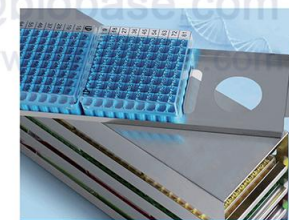
BK-LD4×4



Vertical Freezer Rack



Equipped with slots for easy sample labeling



Pull-out design for easy removal



Ergonomic round handle prevents hand strain during use



Equipped with insertion rods to prevent box falling

Freezer Racks

Features

- * Made of corrosion-resistant 304 stainless steel for repeated freeze-thaw and long-term storage of samples.
- * It can be used for sample storage in ultra-low temperatures.
- * It can withstand temperature range of -196°C to 800°C.
- * It is suitable for 1-inch and 2-inch freezer boxes.
- * It is suitable for most standard refrigerators and liquid nitrogen containers.
- * It can be customized.

Technical Parameters

Model	Specification	Material	Size W*D*H(mm)	Freezer Box Size(mm)	Freezer Tube
BK-LD6	6 layers	304 stainless steel	142*140*344	≤133*133*52	1.5~2ml
BK-LD8	8 layers	304 stainless steel	142*140*455	≤133*133*52	1.5~2ml
BK-LD10	10 layers	304 stainless steel	142*140*568	≤133*133*52	1.5~2ml
BK-LD4X3	4 layers and 3 columns	304 stainless steel	420*140*242	≤133*133*52	1.5~2ml
BK-LD4X4	4 layers and 4 columns	304 stainless steel	560*140*242	≤133*133*52	1.5~2ml
BK-LD5X3	5 layers and 3 columns	304 stainless steel	420*140*290	≤133*133*52	1.5~2ml
BK-LD5X4	5 layers and 4 columns	304 stainless steel	560*140*295	≤133*133*52	1.5~2ml
BK-LD5X5	5 layers and 5 columns	304 stainless steel	685*140*295	≤133*133*52	1.5~2ml
BK-LD6X2	6 layers and 2 columns	304 stainless steel	290*140*348	≤133*133*52	1.5~2ml
BK-LD6X3	6 layers and 3 columns	304 stainless steel	420*140*348	≤133*133*52	1.5~2ml
BK-LD7X5	7 layers and 5 columns	304 stainless steel	685*140*406	≤133*133*52	1.5~2ml

Compatible Freezer Models

Matching Model	Layer Count	Quantity Per Layer	Freezer Rack	Total Capacity
BDF-86H60	1	4	BK-LD6	4
BDF-86H128	1	6	BK-LD10	6
BDF-150H128	1	9	BK-LD10	9
BDF-150H138	1	12	BK-LD6	12
BDF-150H226	1	20	BK-LD6	20
BDF-86V58	1	2	BK-LD6X2	2
BDF-86V65	1	2	BK-LD5X3	2
BDF-86V65	1	2	BK-LD6X3	2
BDF-86V100	2	2	BK-LD5X3	4
BDF-86V108	2	3	BK-LD4X3	6
BDF-86V168/168T	3	3	BK-LD4X3	9
BDF-86V348/348T	4	3	BK-LD4X4	12
BDF-86V408D/418T	4	4	BK-LD4X4	16
BDF-86V588/588D /608T/608BD	4	4	BK-LD5X5	16
BDF-86V728	4	6	BK-LD5X4	24
BDF-86V838/838D	4	6	BK-LD5X5	24

Matching Model	Freezer Box Specification	Matching Freezer Box Size(mm)	Quantity of Freezer Boxes	Quantity of Samples (100-well freezer box)
BDF-86H60	2 inches	≤133*133*52	24	2400
BDF-86H128	2 inches	≤133*133*52	60	6000
BDF-150H128	2 inches	≤133*133*52	90	9000
BDF-150H138	2 inches	≤133*133*52	96	9600
BDF-150H226	2 inches	≤133*133*52	160	16000
BDF-86V58	2 inches	≤133*133*52	24	2400
BDF-86V65	2 inches	≤133*133*52	30	3000
BDF-86V65	2 inches	≤133*133*52	36	3600
BDF-86V100	2 inches	≤133*133*52	60	6000
BDF-86V108	2 inches	≤133*133*52	72	7200
BDF-86V168/168T	2 inches	≤133*133*52	108	10800
BDF-86V348/348T	2 inches	≤133*133*52	192	19200
BDF-86V408D/418T	2 inches	≤133*133*52	256	25600
BDF-86V588/588D /608T/608BD	2 inches	≤133*133*52	400	40000
BDF-86V728	2 inches	≤133*133*52	480	48000
BDF-86V838/838D	2 inches	≤133*133*52	600	60000