



-25°C FREEZER

-86°C ULT FREEZER

Freezers designed for daily sample protection and dependability. Environment friendly with safety features, these freezers provide outstanding thermal stability for a huge amount of samples. Modify your requirements with several optional features including chart recorder, CO2 back-up system, storage racks and remote alarm system.

100 SERIES -86°C ULT FREEZER CHEST



- Microprocessor-based temperature controller
- Digital temperature display
- Stainless steel interior and painted steel board exterior
- Door with key lock and rotatable door handle
- Two-times foaming technology with double seal design
- Insulation thickness: 155 mm
- Temperature printer which record 7 days data
- 72 hours battery backup for printer and controller display
- Keyboard lock and password protected configuration page
- Danfoss compressor and EBM fan electromotor
- Unique refrigeration circulation and unipolar compressor oil-lubricated technology
- Mixed Refrigerant: CFC Free R134a, R404a, R23, R410A, and N2
- 4 casters for easy handling
- Safety functions: Audible and visual alarm for high or low temperature, power failure, low battery, door open, filter blocking, system failure

SPECIFICATIONS

Model	BFRZ-86-101	BFRZ-86-102	BFRZ-86-103
Capacity	50 L	138 L	328 L
Temperature Range	-10°C to -86°C		
Defrosting	Manual		
Internal Dimension	343x343x415 mm	470x570x490 mm	470x1200x582 mm
Overall Dimension	600x560x910 mm	890x1320x1009 mm	890x2005x1009 mm
Weight (Net/Gross)	60/66 kg	230/250 kg	300/320 kg
Input Power	300 W	800 W	1500 W
Power Supply	220V, 50Hz		
Package Size	-	-	-

Model	BFRZ-86-104	BFRZ-86-105
Capacity	400 L	668 L
Temperature Range	-10°C to -86°C	
Defrosting	Manual	
Internal Dimension	540x1270x590 mm	815x1200x660 mm
Overall Dimension	890x2005x1009 mm	2050x1150x1010 mm
Weight (Net/Gross)	320/340 kg	340/360 kg
Input Power	1500 W	
Power Supply	220V, 50Hz	
Package Size	-	2110x1270x1260 mm



BFRZ-86-101



BFRZ-86-102

100 SERIES -86°C ULT FREEZER UPRIGHT



- Microprocessor-based temperature controller
- Digital temperature display
- Stainless steel interior and painted steel board exterior
- Adjustable stainless steel shelves with inner door
- Front lockable door design with full height handle and vacuum release port
- Two-times foaming technology with double silicon gasket seal
- Polycarbonate insulated inner doors
- Insulation thickness: 100 - 155 mm
- Two units of Danfoss compressor in parallel connection to reduce noise and improve the cooling rate
- Temperature printer which record 7 days data
- 72 hours battery backup for printer and controller display
- Keyboard lock and password protected configuration page
- EBM fan electromotor
- Unique refrigeration circulation and unipolar compressor oil-lubricated technology
- Mixed Refrigerant: CFC Free R134a, R404a, R23, R410A, and N2
- 4 casters for easy handling
- Safety functions: Audible and visual alarm for high or low temperature, power failure, low battery, door open, filter blocking, system failure

SPECIFICATIONS

Model	BFUR-86-101	BFUR-86-102	BFUR-86-103	BFUR-86-104
Capacity	100 L	218 L	398 L	528 L
Temperature Range	-10°C to -86°C			
Defrosting	Manual		-	-
Internal Dimension	450x450x500 mm	582x470x768 mm	440x696x1266 mm	585x696x1266 mm
Overall Dimension	720x793x1000 mm	940x840x1552 mm	785x1041x1947 mm	930x1041x1947 mm
Drawers/Shelves	2 inner chambers		-	-
Weight (Net/Gross)	120/140 kg	225/250 kg	300/320 kg	320/340 kg
Input Power	800W	1000 W		1100 W
Power Supply	220V, 50Hz			
Racks	-	-	12	16
2" Box	-	-	24300	32400

Model	BFUR-86-105	BFUR-86-106	BFUR-86-107	BFUR-86-108
Capacity	678 L	778 L	858 L	1008 L
Temperature Range	-10°C to -86°C			
Defrosting	-	-	-	-
Internal Dimension	750x696x1266 mm	865x696x1266 mm	877x696x1378 mm	1022x696x1378 mm
Overall Dimension	1070x994x1947 mm	1208x994x1947 mm	1200x997x1998 mm	1345x997x1998 mm
Drawers/Shelves	-	-	-	-
Weight (Net/Gross)	340/360 kg	350/370 kg	440/460 kg	480/500 kg
Input Power	1200 W		1300 W	
Power Supply	220V, 50Hz			
Racks	20	24		28
2" Box	50000	60000	69000	80500



BFUR-86-101



BFUR-86-102



BFUR-86-103



Biolab Scientific Limited

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada
 Email: contact@biolabscientific.com | Phone: +1 416 639 2438 | Website: www.biolabscientific.com