STALWART

-40°C Biomedical Freezer
STF-90B

Introduction

Refrigeration System
Reliable compressor and fan, ensure fast cooling, energy-saving and long time running
The evaporator is intergrated with shelves and distribute in 6 compartments, ensures uniform temperature
Two reliable compressors control upper and lower compartment separately to ensure better cooling performance
Environment friendly refrigerant CFC-free and HFCF-free

Cabinet Construction
Powder coated steel exterior, Aluminum plate interior with round corner design easy to clean-up
Superior engineered frame for maximum rigidity
Self-closing door with magnetic closure
High thickness Non-CFC foamed insulation, energy saving
Doorlock prevents unauthorized access to the freezer
Low noise design creates a comfortable and quiet working environment
Independent compartments with ABS drawers are convenient to classify and store different samples

Features

- High-precision digital microprocessor temperature control system with digital
- LED temperature display 0.1°C accuracy.
- Temperature setting range is -20°C ~-40°C
- The digital display show freezer work condition and alarm code, easy to know freezer status
- Audibale and visible alarm system for safe storage:
- High temperature alarm, Low temperature alarm, Sensor failure alarm, Door ajar alarm, Power failure alarm, Lowbattery alarm, Hot condensor alarm;
- 3 sensors available for cooling, real time display and amabinet temperature display
- Build-in USB interface enable users to download the historical temperature data
- Optional for the remote alarm contact

Specification

Model		STF-90B
Technical Data	Cabinet Type	Upright
	Capacity (L)	90
	Temperature Range (°C)	-20~ -40
	Cooling Performance(°C)	-40
	Temperature ambient(°C)	10~32
	Temperature Control	Microprocessor
	Display	LED digital display
	Cooling Type	Direct Cooling
	Defrost Mode	Manual
	Refrigerant	CFC-Free
	Noise (dB)	40
Functions	High/low Temperature Alarm	Y
	Power Failure Alarm	N
	Sensor Error Alarm	Y
	Low Battery Alarm	N
	Door Ajar Alarm	Y

Specification

Electrical Data	Power (W)	370
	Power consumption(KWh/24h)	1.69
	Rated current (A)	1.68
	Voltage/Frequency(V/Hz)	220~240V 50/60Hz 110V 60Hz
Accessories	Door	1 foaming door
	Door Lock	Y
	Caster	2
	Foot	2
	Shelf/Drawer	2/3
	Test Hole	Y
	Remote Alarm Contact	N
	USB	N
Dimensions	Net/Gross Weight (kg)	54/59
	Internal Dimension (W/D/H, mm)	500×485×532
	External Dimension(W/D/H, mm)	700×669×854
	Packing Dimension(W/D/H, mm)	745×712×927
	Container Load (20'/40'/40'H)	42/90/90

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