

STALWART

-40°C Biomedical Freezer STF-450B



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-450B
Technical Data	Cabinet Type	Upright
	Capacity (L)	450
	Temperature Range (°C)	-20~ -40
	Cooling Performance(°C)	-40
	Temperature ambient(°C)	10~32
	Temperature Control	Microprocessor
	Display	2 LED digital displays
	Cooling Type	Direct Cooling
	Defrost Mode	Manual
	Refrigerant	CFC-Free
	Noise (dB)	40
Functions	High/low Temperature Alarm	Y
	Power Failure Alarm	Y
	Sensor Error Alarm	Y
	Low Battery Alarm	Y
	Door Ajar Alarm	Y

Specification

Electrical Data	Power (W)	840
	Power consumption(KWh/24h)	5
	Rated current (A)	2.7
	Voltage/Frequency(V/Hz)	220~240V 50/60Hz 110V 60Hz
Accessories	Door	2 foaming door
	Door Lock	Y
	Caster	4
	Foot	N/A
	Shelf/Drawer	4/12
	Test Hole	Y
	Remote Alarm Contact	Y
	USB	Y
Dimensions	Net/Gross Weight (kg)	143/156
	Internal Dimension (W/D/H, mm)	(650×570×627)×2
	External Dimension(W/D/H, mm)	810×735×1960
	Packing Dimension(W/D/H, mm)	895×850×2025
	Container Load (20'/40'/40'H)	12/26/26