



TECNILABO

HS Code: 84185090

KFDE 600

Biomedical Freezer -30°C

Intended Use Safe storage of sensitive biological samples/vaccines/medications

Technical Features

Gross / Net Storage Volume	580 lt (20,48 cu ft) / 530 lt (18,71 cu ft)
Temperature Range	-10°C/-30°C
Ambient Operating Temperature	+10°C/+35°C, 55% RH (SN Climate Class)
Noise Level	< 42 dBA
Power Supply	230V ±10% / 50Hz
Standard Electrical Plug	Schuko
Power Absorption	280 W
Daily Energy Consumption	1,50 kWh/24h
External Dimensions	W 775 x D 740 x H 1882 mm W 30,51 x D 29,13 x H 74,09 inch.
Internal Dimensions	W 685 x D 570 x H 1585 mm W 26,96 x D 22,63 x H 62,40 inch.
Weight	100 kg
Packing Dimensions	Carton Box + Pallet: W 830 x D 810 x H 1965 mm, 109 kg
External Surface	Anti-corrosion hot-dip galvanized steel sheet, covered with PVC film
Internal Surface	Thermoformed ABS
External/Internal Edges	Rounded for easy and optimal cleaning
Insulation Type	High-density CFC-free PUR foam
Insulation Thickness	45 mm
Door Type	Solid with recessed groove handle
Door Sealing	Magnetic silicone gasket placed all over the door's frame
Standard Configuration	- n°6 fixed shelves + n°12 sliding ABS baskets (n°2 baskets above each shelf) - Door lock - Compensation valve for easier door opening - n°2 rear rollers + n°2 front leveling feet



Cooling System

Cooling	Static evaporator with fixed shelves and frost catcher
Compressor	Fully sealed hermetic compressor
Refrigerant (CFC/HCFC free)	R290
Defrost System	Manual

Control System

Controller	Microprocessor Controller
Display	LED display with with 0.1°C adjustment steps
Temperature Probes	n°1 NTC probe
User Access Control	Password security system
Features	The main screen displays the temperature set point, functional icons, alarm indicator
Connectivity	Volt-free dry contacts (NC-NO) for remote alarms connection to an independent alarm monitoring system / BMS
Main Alarms List (Audio/visual notification)	- Door open (the alarm interval can be freely set by the user) - High/Low temperature (alarm limits can be set freely by the user) - Temperature probes failure



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.