

Deep Freezer (Chest Type)

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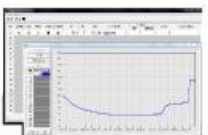


Control System



- Microprocessor PID digital controller with Self-Diagnostic and Alarm System
- High / Low limited temperature parameters set and value
- Automatic voltage stabilization (Buck-boost) system
- Password locking system for protection set parameters
- Battery back-up system for data and display of controller
- Visible and audible alarm system for safety operation
- Optional Co2 back-up system in case of power failure

PC Software System



- RS - 232C/485 Interface
- Graphic monitoring for temperature on real-time

Alarm System

- High / Low limit temperature alert
- Electric power failure warning alert
- Status of door opening warning alert
- Low battery back-up level warning alert
- High and low temperature check alert
- Password for set parameters alert
- Self-Diagnostic system alert
- Condenser temperature alarm alert

Cascade Refrigeration System



Cascade Refrigeration system with Natural Refrigerant guarantees excellent cooling performance and durability & Stability



Optional Accessories



7-day Chart Recorder



CO2 & LN2 Backy up system



Electromagnetic door password locking system



IQ - OQ Documentation & Validation

Specification

MODEL		LDF-9110C(/E)	LDF-9115C(/E)	LDF-9120C(/E)	LDF-9125C(/E)
Refrigeration / Type		Cascade Refrigeration System / Chest Type			
Dimensions	Inner	500 x 600 x 690	800 x 600 x 690	1100 x 600 x 690	1400 x 600 x 690
	Outer	1260 x 890 x 1050	1920 x 890 x 1050	2040 x 890 x 1050	2040 x 1040 x 1050
Capacity		210ℓ	331ℓ	456ℓ	580ℓ
Refrigerator		1HP x 2	1HP x 2	1HP x 2	3 / 2HP x 2
Controller		Microprocessor Digital PID Controller with Battery back up system			
Temperature		-40°C to -85°C			
Material	Interior	Stainless Steel 304 (/E : EGI Steel)			
	Exterior	Epoxy powder coated EGI steel			
Safety		High / Low Temp. Protector, ELCB, Thermal Protector			
Electric Supply		220/230V 50/60Hz			

★ Specifications can be changed without prior notice for quality improvement