

GENAXY[®]

Customer Satisfaction Through Business Ethics



GENAXY IceLock Series Deep Freezers

IceLock Series Deep Freezers -25°C

-25°C Deep freezer is specially designed to meet the demands of medical and scientific research and industrial preparation of cold storage under normal circumstances. It features with large capacity, space saving, precise temperature control, temperature stability and quick cooling, mainly used for sample accessed frequently, samples required large capacity, and for users with relatively small laboratory space.

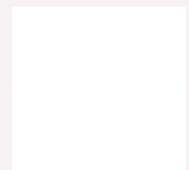


Temperature Control

Microprocessor control, Large LED digital display inner temperature clearly, with easy viewing.
Inner temperature adjustable at the range of -10°C~-25°C, with an increment of 0.1°C.
Lock and password for protection to prevent arbitrary adjustment of operating parameters,

Safety Control

Malfunction alarms: High / low temperature alarm, Sensor failure alarm, Power failure alarm,
Low voltage of backup battery, over temperature alarm system, set the alarm temperature as per requirements, Three alarming methods: Visual, Audible and remote alarm contact,
Protection function: Power-on delay, Shutdown interval protection.



Refrigeration System

High efficient and famous brand compressor and fan, with high performance refrigeration.

Optimized refrigeration technology, low noise, and more energy efficient.

CFC-Free overall polyurethane foaming insulation.

CFC-Free/HCFC refrigerant.

Ergonomic Design

Safety door lock, preventing unauthorized access.

Wide voltage design from 192V to 242V.

Vacuum release port design, easy to open the door.

Heavy duty caster with locking, easy to move and fix.

Adjustable shelves design.

Optional



LCD display controller with recorder



Dixell controller

Technical Specification

Model		VDF 60L	VDF 100L	VDF 280L	VDF 400L	VDF 600L
Technical Data	Cabinet Type	Desktop	Under-counter	Vertical	Vertical	Vertical
	Climate Class	N	N	N	N	N
	Cooling Type	Direct cooling	Direct cooling	Direct cooling	Direct cooling	Direct cooling
	Defrost Mode	Manual	Manual	Manual	Manual	Manual
	Refrigerant	R600a	R600a	R600a	R290	R290
Performance	Cooling performance(°C)	-25	-25	-25	-25	-25
	Temperature Range(°C)	-10~-25	-10~-25	-10~-25	-10~-25	-10~-25
Control	Controller	Microprocessor (Dixell)				
	Display	LED, LCD is optional.				
Material	Interior material	Aluminum sheet with powder coating				
	Exterior material	Galvanized steel with powder coating				
Electrical Data	Power Supply(V/Hz)	220/50 (110/60 is optional)				
	Power(W)	105	120	145	180	170
Dimensions	Effective Capacity(L)	64	114	281	413	598
	Net/Gross Weight(approx)	32.5/36 (kg)	43/46 (kg)	61/67 (kg)	71/78 (kg)	98/106(kg)
	Interior Dimensions(W*D*H)	410x450x420(mm)	500x450x570 (mm)	500x450x1290 (mm)	500x510x1550 (mm)	645x530x1645 (mm)
	Exterior Dimensions(W*D*H)	510x560x655(mm)	600x560x805 (mm)	600x560x1525 (mm)	600x650x1790(mm)	775x750x1890 (mm)
	Packing Dimensions(W*D*H)	570x620x760 (mm)	660x620x910 (mm)	660x620x1630 (mm)	660x700x1900 (mm)	830x750x2000 (mm)
Functions	High/Low Temperature Alarm	Y	Y	Y	Y	Y
	Remote Alarm	Y	Y	Y	Y	Y
	Power Failure Alarm	Optional	Optional	Optional	Optional	Optional
	Low Battery Alarm	Optional	Optional	Optional	Optional	Optional
	Door Ajar Alarm	Y	Y	Y	Y	Y
	Sensor Error Alarm	Y	Y	Y	Y	Y
	Inner LED light	Y	Y	Y	Y	Y
	Door lock	Y	Y	Y	Y	Y
Accessories	Casters	N/A	N/A	N/A	4	4
	Foot	4	4	4	N/A	N/A
	Access port	Y	Y	Y	Y	Y
	Shelves	2	3	5	6	6
	Temperature Recorder	Optional	Optional	Optional	Optional	Optional