

-40°C Biomedical Freezer



DW-40L278

Scope of Application:

Designed to store vaccines, blood plasma and many other biological materials. Installations can be found in research institutions and clinical sites in the life science, pharma, biotech, medical and electronics sectors.

Innovative Design

- Durable Refrigeration
- Multiple Alarm Functions
- Low Noise
- Ergonomic Design

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Product Features



Durable Refrigeration

Shelf style evaporator, fast cooling speed



Seven Alarm Functions

High/low temperature, power failure, door ajar, sensor error, low battery, remote alarm high ambient temp



Low Noise

World leading refrigeration cabin design reduce operation noise

Product Advantages



Ergonomic Design

- USB data logging and temperature recorder (optional)
- Padlock with stainless steel cylinder for safe storage
- Drawers are designed with label holders for item identification



Safety

- Multiple malfunction alarms include high/low temperature, sensor error, power failure, high ambient temperature, low battery, door ajar
- Alarm Types: buzzer, flashing light, remote alarm



Key Features

- Microprocessor control, adjustable temperature range: -20°C to -40°C
- LED digital display and increment at 0.1°C
- Permanently lubricated cooling fan for safety and longevity
- Rapid cooling with shelf evaporator
- Removable double outer door seal design, good sealing effect and energy saving

Specifications

Model		DW-40L278	
Technical Data	Cabinet Type	Upright	
	Climate Class	SN N	
	Cooling Type	Direct Cooling	
	Defrost Mode	Manual	
	Refrigerant	HC	CFC-Free
	Noise (dB(A))	40	44
Performance	Cooling performance (°C)	-40	
	Temperature Range (°C)	-20--40	
Control	Controller	Microprocessor	
	Display	LED	
Electrical Data	Power Supply (V/Hz)	220-240/50	220-240/50/60
	Power (W)	275	370
	Electrical Current (A)	2.9	5.1
	Power Consumption (kWh/24h)	3.1	5.3
Dimensions	Capacity (L/Cu.Ft)	278/9.8	
	Net/Gross Weight (approx)	kg	115/135
		lbs	253.5/297.6
	Interior Dimensions (W*D*H)	mm	520*435*1230
		in	20.5*17.1*48.4
	Exterior Dimensions (W*D*H)	mm	770*710*1810
		in	30.3*28.0*71.3
Packing Dimensions (W*D*H)	mm	840*770*2000	
	in	33.0*30.3*78.7	
Container Load (20'/40'/40'H)	21/42/42		
Alarms	High/Low Power	Y	
	Remote Alarm	Y	
	Power Failure	Y	
	Sense Error	Y	
	Low Battery	Y	
	High Ambient Temperature	Y	
Accessories	Door Ajar	Y	
	Caster	Y	
	Foot	Y	
	Test Hole	Y	
	Drawers	6	
	USB Interface	Optional	
	Temperature Recorder	Optional	
Other	RS485	Optional	
	Certificate	CE	

Product appearance and specifications are subject to change without notice