

PRODUCT SPECIFICATIONS

Model		DW-30L278SF	DW-30L278FL	
Technical Data	Cabinet Type	Upright	Upright	
	Climate Class	4	4	
	Cooling Type	Direct cooling	Direct cooling	
	Defrost Mode	Manual	Manual	
	Refrigerant	HC	HC	
	Sound Level(dB(A))	40	40	
Performance	Cooling Performance(°C)	-30	-30	
	Temperature Range(°C)	-10~-30	-10~-30	
Control	Controller	Microprocessor	Microprocessor	
	Display	LCD	LCD	
Electrical Data	Power Supply(V/Hz)	220-240/50	220-240/50	
	Power(W)	330	330	
	Electrical Current(A)	2.0	2.0	
Dimensions	Capacity(L/Cu.Ft)	278/9.8	278/9.8	
	Net/Gross Weight (approx)	kg	115/135	115/135
		lbs	254/298	254/298
	Interior Dimension (W*D*H)	mm	515*440*1220	515*440*1220
		in	20.3*17.3*48	20.3*17.3*48
	Exterior Dimension (W*D*H)	mm	742*718*1810	742*718*1810
		in	29.2*28.3*71.3	29.2*28.3*71.3
	Packing Dimension (W*D*H)	mm	805*725*1970	805*725*1970
in		31.7*28.5*77.6	31.7*28.5*77.6	
Container Load(20'/40'/40'H)		23/46/46	23/46/46	
Functions	High/Low Temperature	Y	Y	
	Remote Alarm	N	N	
	Power Failure	Y	Y	
	Sensor Error	Y	Y	
	Low Battery	N	N	
	High Ambient Temperature	N	N	
	Door Ajar	N	N	
Accessories	Caster	Y	Y	
	Foot	Y	Y	
	Porthole	N	N	
	Drawers/Inner Doors	6/-	6/-	
	USB Interface	N	N	
	Temperature Recorder	N	N	
Others	Certification	CE ATEX	CE ATEX	
	Interior Material/Colour	PS Plate/white	Antistatic PS Plate/black	

# Haier Biomedical

Intelligent Protection of Life Science

ДИАМ  
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## Spark Free Freezer



DW-30L278SF/FL

**Interior Designed for Explosion Proof, HC Refrigerant System for Energy Savings, and Smart System Control**



### Explosion Proof Interior

SF series freezers feature standard interior design, door frame, and drawer. FL series freezers feature antistatic interior design, door frame, and drawer. All metal parts are grounded reliably and interior design is explosion proof. Certificates include China anti-explosion proof and EU explosion proof ATEX II C-T6



### HC System to save energy

- Imported hydrocarbon compressor, and hydrocarbon refrigerants complete a true green, environmentally safe refrigeration system
- Cyclo-isopentane polyurethane foam insulation meets EU ROHS directive for a green and safe environment
- Optimized hydrocarbon refrigeration system design ensures a more energy efficient operation



### Excellent temperature uniformity

Cold shelf evaporator design allows a faster cool down, and more uniform temperature distribution, typically  $\pm 4^{\circ}\text{C}$



### Low noise

Unique structural design and system emits only 40 dba in sound level, eliminating unhealthy high pitch noise

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## Safer by Design



### Micro-processor control system

- Micro processor control with LCD temperature display and adjustable range of -10°C to -30°C; 0.1°C increment;
- Multiple alarms including high temperature, low temperature, sensor alarm and power failure alarm;
- Alarms are in buzzer and flashing light. Continuous alarm for more than 24 hours after power failure



### Good thermal insulation

The super-thick insulation layer and removable door gasket design are adopted to improve the thermal insulation and energy-saving effects and enhance the reliability of the refrigerator



### Drawers

The SF series of freezers are provided with six common plastic drawers and the FL series are provided with six drawers made of anti-static materials. Each drawer has a label sticker slot to meet different storage and identification requirements



### Caster

Standard caster and leveling leg design for ease of maneuvering and securing the unit on ground



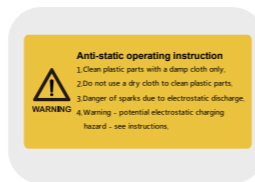
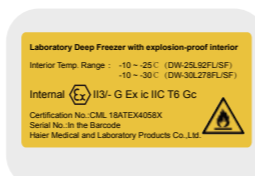
### Safety lock

Dual-lock design of lock catch + built-in lock. A padlock can be added to the lock catch to ensure double safety

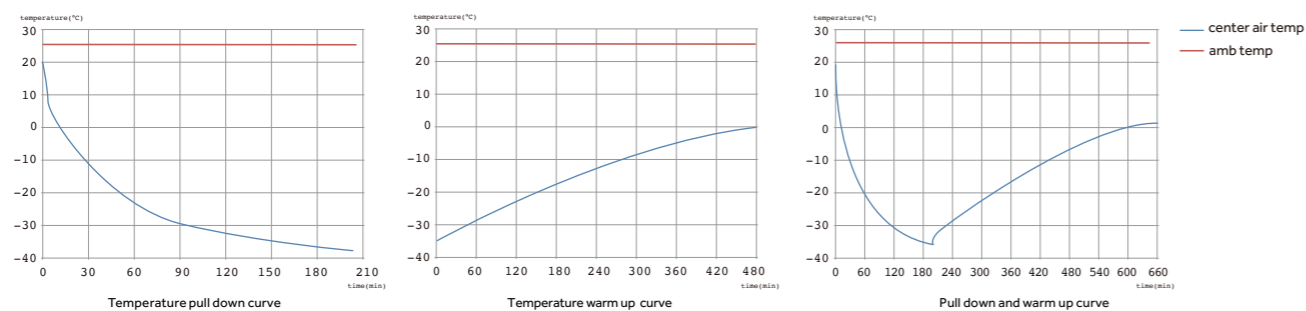


### Warning labels

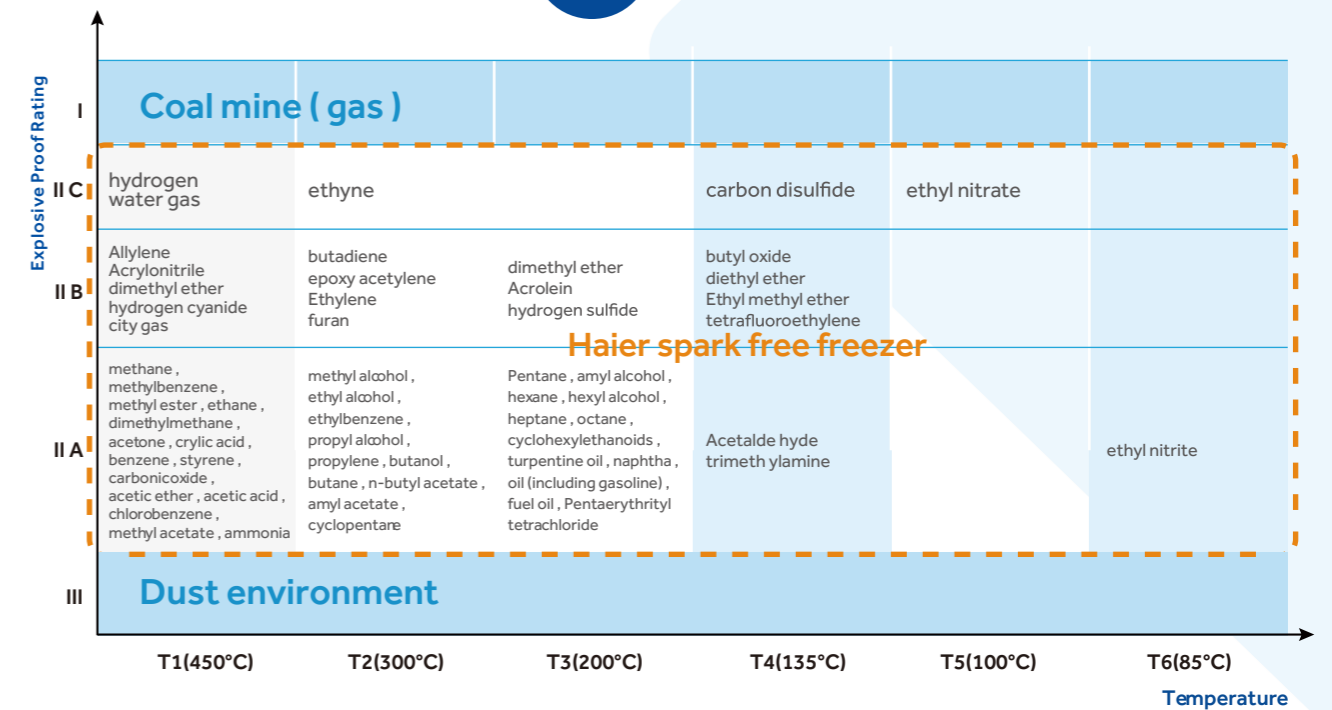
Warning label on the unit front for SF series with non-antistatic interior design



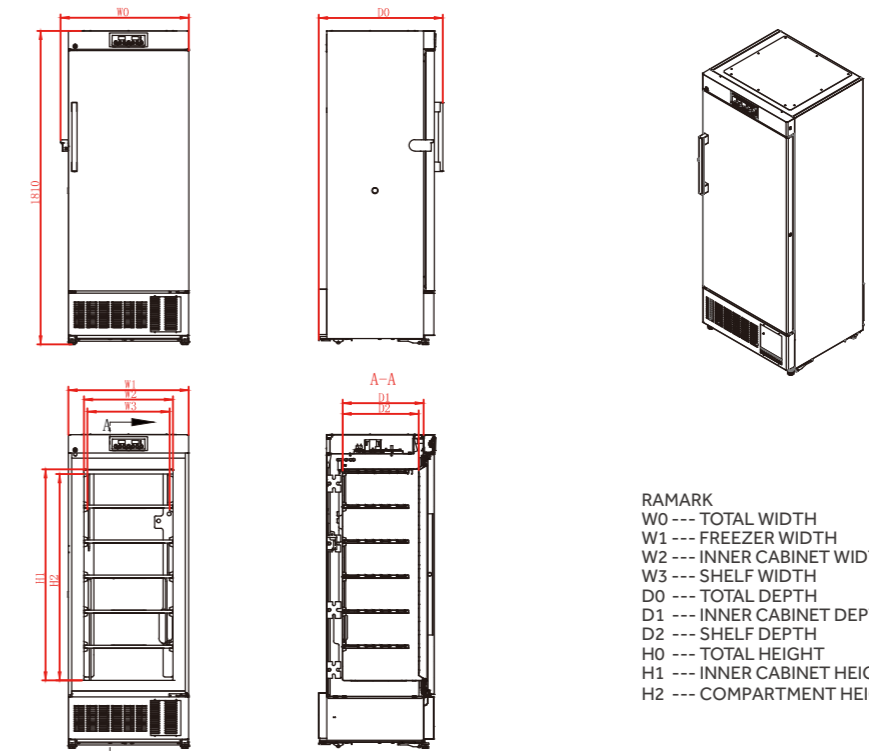
## TYPICAL PERFORMANCE CHARACTERISTICS IN 25°C AMBIENT



## Application range



## PRODUCT DIMENSION DRAWING



RAMARK  
W0 --- TOTAL WIDTH  
W1 --- FREEZER WIDTH  
W2 --- INNER CABINET WIDTH  
W3 --- SHELF WIDTH  
D0 --- TOTAL DEPTH  
D1 --- INNER CABINET DEPTH  
D2 --- SHELF DEPTH  
H0 --- TOTAL HEIGHT  
H1 --- INNER CABINET HEIGHT  
H2 --- COMPARTMENT HEIGHT



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