



**DW-30L298SF/FL**



Explosion Proof Interior



Green and Environmental  
Friendly



Low Noise Design

# Spark Free Freezer

## Scope of Application

It can be used for safe storage of potentially flammable items and other temperature sensitive samples at low temperatures.

Applications found within life science, medical, electronics and chemical industries.

## Innovative Design

- Microprocessor-controlled system
- Adjustable shelves
- Rich configuration
- Safety lock
- Feet and casters

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## Product Advantages



### Explosion Proof Interior

ATEX II C-T6 Certified with spark-free interior.



### Superior Temperature Uniformity

The temperature uniformity is  $\pm 3^{\circ}\text{C}$  with a setting temperature of  $-30^{\circ}\text{C}$ , ensuring precision and reliability.



### High-efficiency and Energy-saving Compressor and System

High-efficiency hydrocarbon compressor, optimized refrigeration system and low power consumption usage will save both energy and costs.



### Green and Environmental Friendly

Hydrocarbon refrigerant, energy saving and environmental protection, built with LBA foam insulation, complies with European RoHS Directive.



### Low Noise Design

Experience a noise-free environment with noise-reduction features and structurally designed noise reduction system.



### Multiple Alarm Functions

High/Low temperature, door ajar, power failure, sensor error, high ambient temperature alarm.

The remote alarm interface lets you stay updated and receive alerts both audibly and through flashing lights.



**DW-30L298SF**



**DW-30L298FL**

#### Anti-static operating instruction



**WARNING**

1. Clean plastic parts with a damp cloth only.
2. Do not use a dry cloth to clean plastic parts.
3. Danger of sparks due to electrostatic discharge.
4. Warning - potential electrostatic charging hazard - see instructions.

#### Laboratory Deep Freezer with explosion-proof interior

Interior Temp. Range :  $-10 \sim -30^{\circ}\text{C}$  ( DW-30L298FL/SF )

Internal II3/- G Ex ic IIC T6 Gc

Certification No.: CML 18ATEX4058X  
Serial No.: In the Barcode  
Qingdao Haier Biomedical Co., Ltd.



## Ergonomic Design



### Microprocessor-controlled System

Microprocessor control with LCD temperature display precision at 0.1°C. Internal temperature is adjustable from -10°C to -30°C



### Rich Configuration

Standard: DW-30L298SF interior material is PCM with 3 plastic coated wire shelves, DW-30L298FL interior material is SUS with 3 chrome-plated wire shelves

Optional: stainless steel shelves, drawer, temperature recorder, RS485 or USB (one out of two)



### Adjustable Shelves

The adjustable shelves ensure the maximum usage efficiency of the internal space, and users can store items of different sizes as needed



### Improved Handle Design

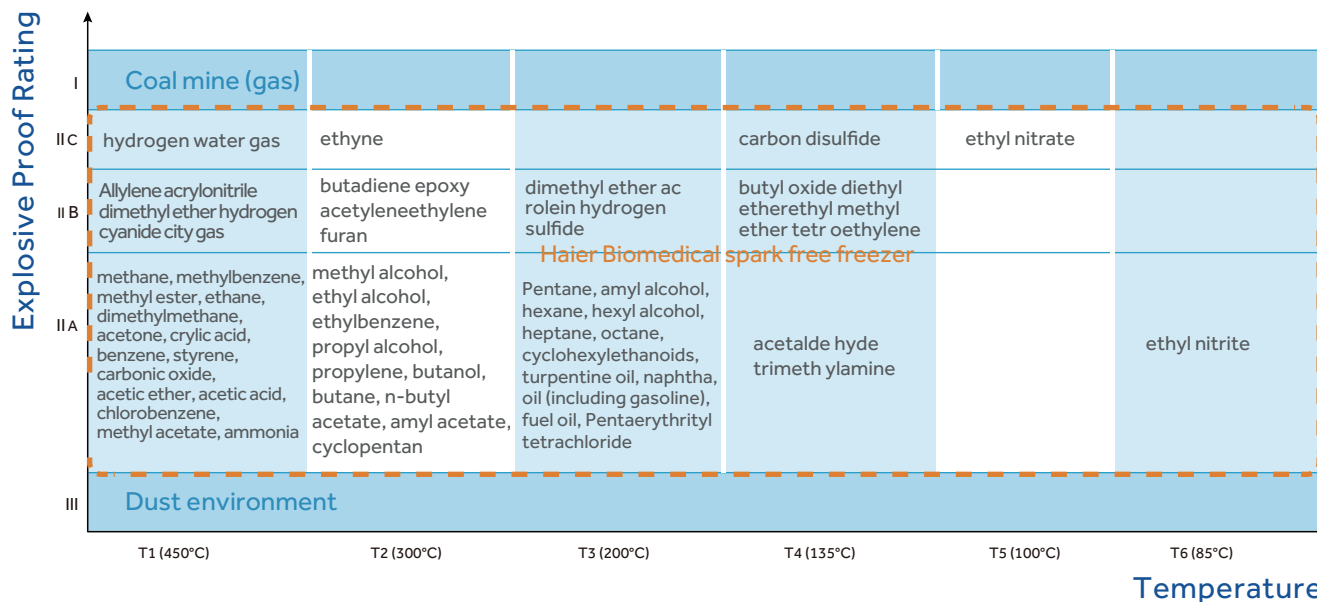
The ergonomic chamfer design of the handle ensures smooth operation and maximum durability



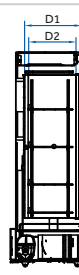
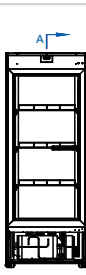
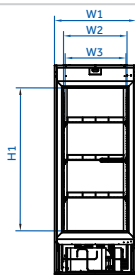
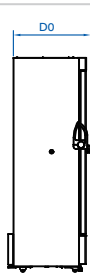
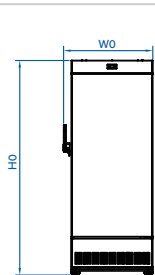
### Feet and Casters

4 back-and-forth casters and 2 adjustable feet for easy moving and leveling

## Application range



## Product Dimension Drawings



**Ramark**  
W0=Total Width  
W1=Freezer Width  
W2=Inner Cabinet Width  
W3=Inner Cabinet Shelf Width  
D0=Total Depth  
D1=Inner Cabinet Depth  
D2=Inner Cabinet Shelf Depth  
H0=Total Height  
H1=Inner Cabinet Height

Code	Model	W0	W1	W2	W3	D0	D1	D2	H0	H1
DW-30L298SF		770mm	695mm	541mm	518mm	710mm	484mm	443mm	1828mm	1218mm
DW-30L298FL		770mm	695mm	541mm	518mm	710mm	484mm	443mm	1828mm	1218mm



## Specifications



Model		DW-30L298SF	DW-30L298FL
Technical Data	Cabinet Type	Upright	Upright
	Climate Class	SN N	SN N
	Cooling Type	Direct cooling	Direct cooling
	Defrost Mode	Manual	Manual
	Refrigerant	HC	HC
	Sound Level (dB(A))	41	41
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)	2.5	2.5
Dimensions	Capacity (L/Cu.Ft)	298/10.5	298/10.5
	Net/Gross Weight (approx)	(kg)	125/140
		(lbs)	275.6/308.6
	Interior Dimension (W*D*H)	(mm)	541*443*1218
		(in)	21.3*17.4*48.0
	Exterior Dimension (W*D*H)	(mm)	770*710*1828
		(in)	30.3*28.0*72.0
	Packing Dimension (W*D*H)	(mm)	840*770*2000
		(in)	33.1*30.3*78.7
Alarms	Container Load (20'/40'/40'H)	21/42/42	21/42/42
	High/Low Temperature	Y	Y
	Remote Alarm	Y	Y
	Power Failure	Y	Y
	Sensor Error	Y	Y
	Low Battery	N	N
	High Ambient Temperature	Y	Y
	Door Ajar	Y	Y
Accessories	Castor	Y	Y
	Foot	Y	Y
	Porthole	N	N
	Drawers/Inner Doors	N	N
	USB Interface	Optional	Optional
	RS485	Optional	Optional
	NFC	N	N
	Temperature Recorder	N	N
Others	Interior Material	PCM	SUS
	Certification	CE ATEX	CE ATEX

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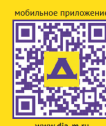
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