



**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
- Variety of configurations available
- Safety lock
- Feet and casters

**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**



- 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.

**WARNING**

**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



**Variety of Configurations Available**

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**

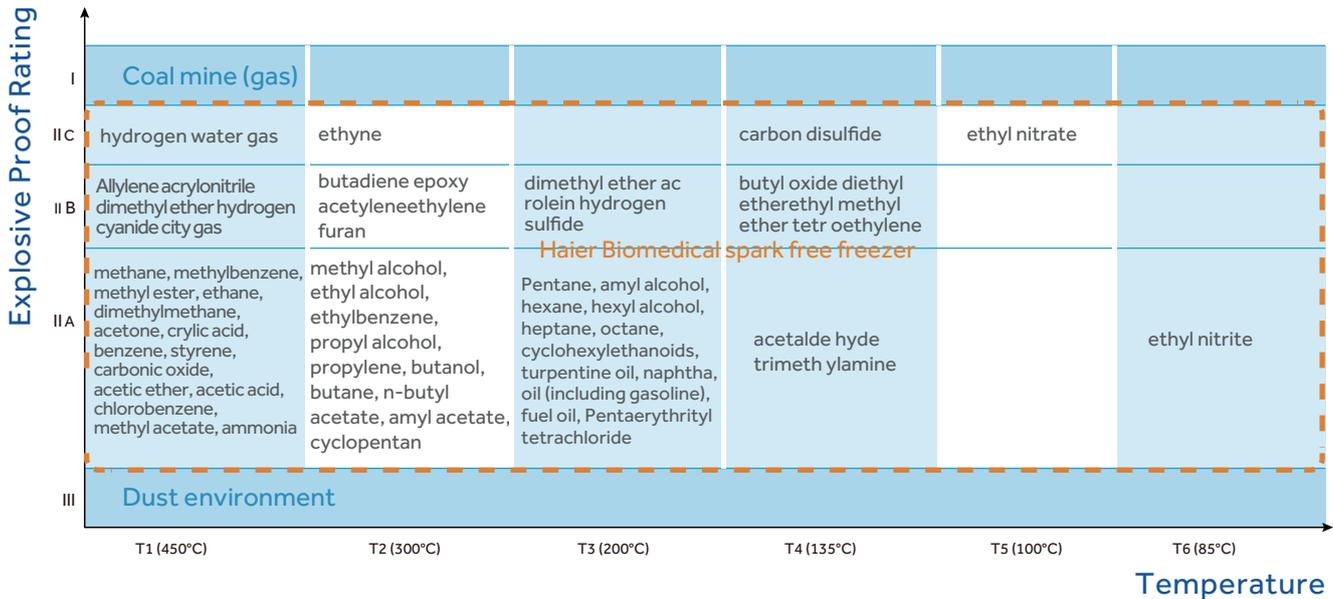
The ergonomic chamfer design of the handle ensures smooth operation and maximum durability



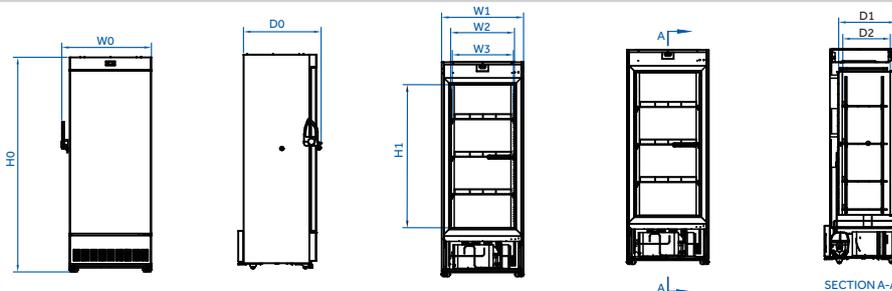
**Feet and Casters**

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

**Application range**



**Product Dimension Drawings**



**Remark**  
 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	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
	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	125/140
		(lbs)	275.6/308.6	275.6/308.6
	Interior Dimension (W*D*H)	(mm)	541*443*1218	541*443*1218
		(in)	21.3*17.4*48.0	21.3*17.4*48.0
	Exterior Dimension (W*D*H)	(mm)	770*710*1828	770*710*1828
		(in)	30.3*28.0*72.0	30.3*28.0*72.0
	Packing Dimension (W*D*H)	(mm)	840*770*2000	840*770*2000
		(in)	33.1*30.3*78.7	33.1*30.3*78.7
Container Load (20'/40'/40'H)		21/42/42	21/42/42	
Alarms	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
	Dirty Condenser		N	N
	Door Ajar		Y	Y
Accessories	Castor		Y	Y
	Leveling Feet		Y	Y
	Porthole		N	N
	Drawers/Inner Doors		Optional/N	Optional/N
	Adjustable Shelves		Y (3)	Y (3)
	USB Interface		Optional	Optional
	RS485		Optional	Optional
	NFC		N	N
	Temperature Recorder		N	N
Others	Certificate		ATEX explosion proof certificate,CE	ATEX explosion proof certificate,CE

\*Haier Biomedical reserves the right to change products and specifications without prior notice.



# WolfLabs

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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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