



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°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

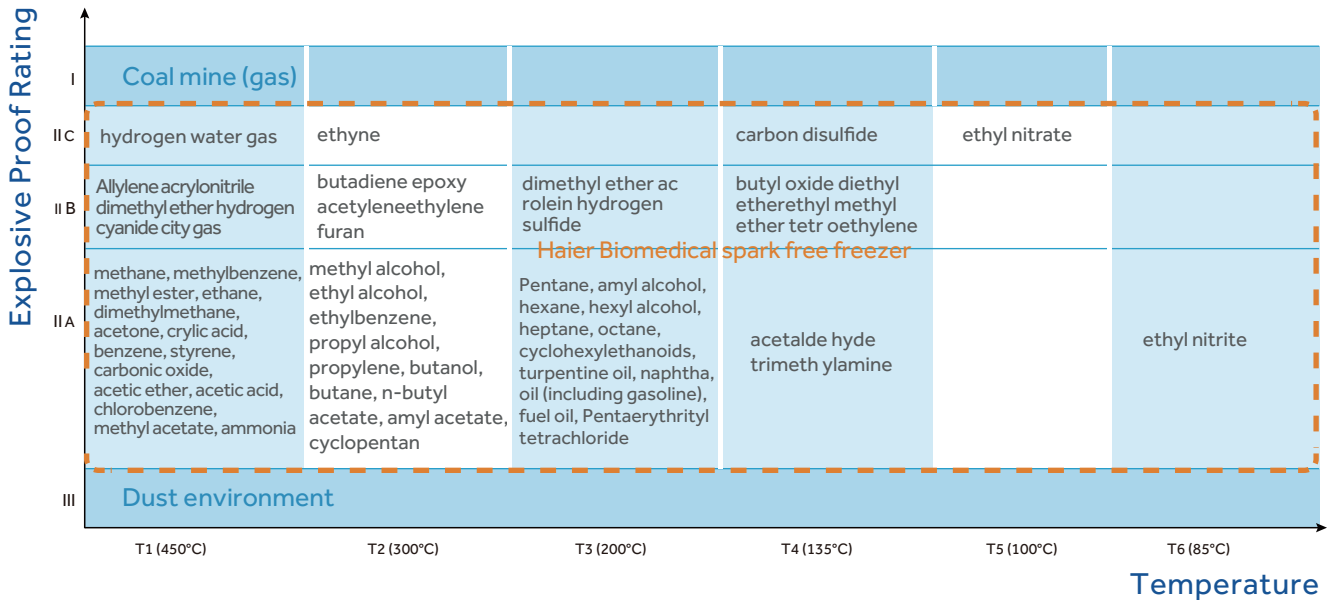
The ergonomic chamfer design of the handle ensures smooth operation and maximum durability



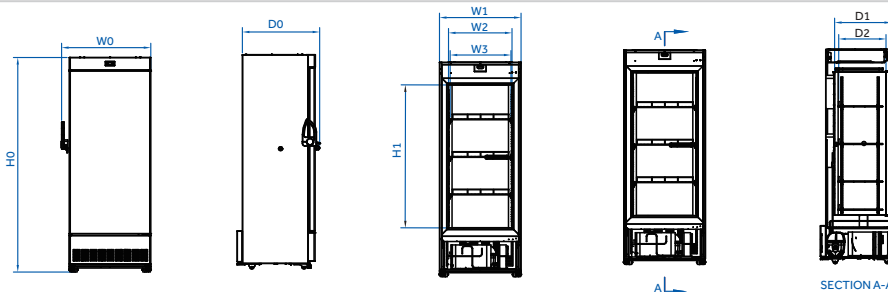
Feet and Casters

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

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

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.

www.wolflabs.co.uk

Tel : 01759 301142

Fax : 01759 301143

sales@wolflabs.co.uk

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