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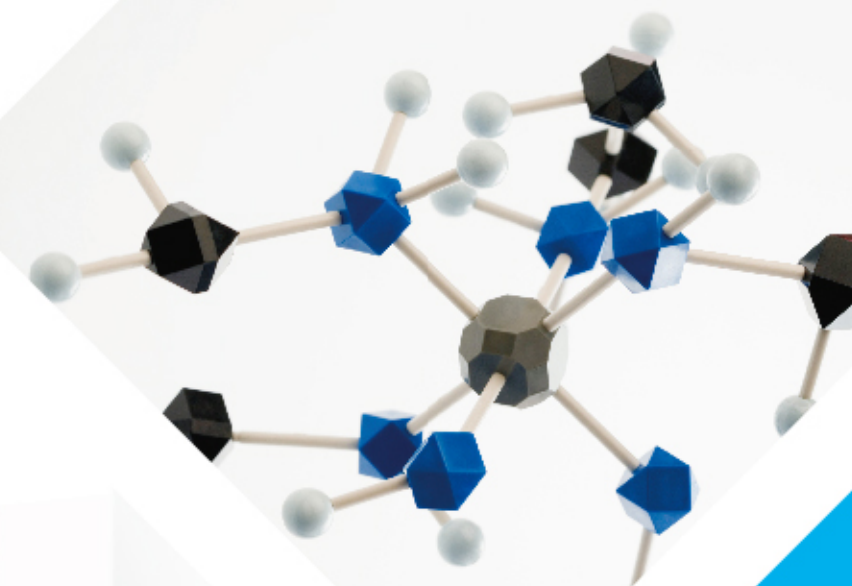
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# Haier



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Note: If slight difference occurs between pictures and actual products, please refer to actual products. Our company reserves the right of final interpretation to this brochure and please contact with us for future information you might need.



2014-02

## Deep Freezer

The Experienced Solution for Your Laboratory



# Haier Brand Story

The Internet era is a diverse and unconventional time, where "one size fits all" products and solutions simply aren't enough. Customers want to be treated as individuals and respected for who they are.

Everyone wants their unique lifestyle acknowledged. That is why Haier listens closely to you in order to gain a genuine understanding of what is going on in your life and what is on your mind. So each of you can get the smart home experience you deserve; be it simple, sophisticated, organized or enjoyable.

As a worldwide industry leader, Haier innovates beyond products and solutions and turns the organization into a wholly connected platform. In doing so, internal and external resources are connected quickly and easily. We believe only by doing so, we can best meet our consumers' expectations in this rapidly evolving world.

Be part of the Haier Network. Create new possibilities.





# Deep Freezer

The -40°C deep freezer offers a large capacity storage space with fast temperature performance. Integrated design of cold shelf and evaporator provides additional refrigeration efficiency. This product is designed to store vaccines, blood plasma, and many other biological materials. Installations can be found in research institutions and clinical sites in life science, electronic testing and medical markets.



Control panel



Lock



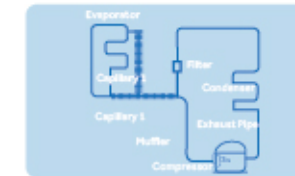
Handle



Shelf

## Double Doors Type

Haier's next generation low temperature storage freezer, DW-40L348, is designed based on the original work horse platform of DW-40L508. The new freezer model operates with two capillary tubes and is equipped with dual gaskets to improve the temperature uniformity through the chamber drastically. It can be installed to satisfy tougher application requirements in universities, research institutions and blood banks.



Dual capillary tube

Improved temperature uniformity with dual capillary tube design at the range of -20°C to -40°C.



Safety

Multiple malfunction alarms include high/low temperature, power failure, sensor error, low battery, high/low ambient temperature.



Drawers

Drawer design maximizes storage space. One unit can hold 360 bags of 230ml blood bags.



Door seals

Improved door seal design with two gaskets maintains cabinet temperature more efficiently. Frost buildup is reduced.



Control panel

Microprocessor control, digital display, adjustable temperature range: -20°C--40°C.



DW-40L508



DW-40L348

**NEW**

## Upright Type

### Reliability and Key Features

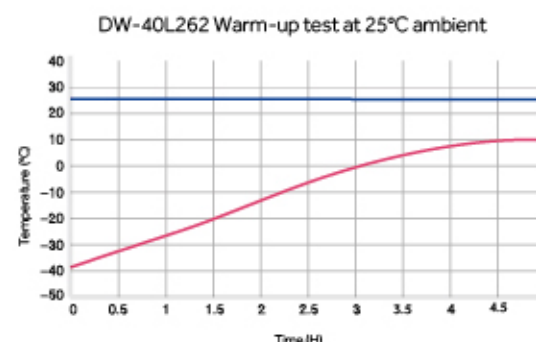
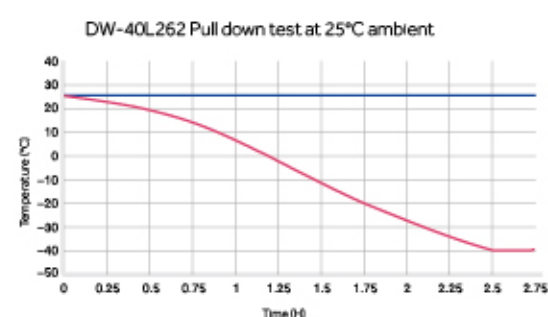
- Permanently lubricated cooling fan for safety and longevity
- Chemically stable, CFC-free, commercially available and environmentally safe refrigerant
- Cold shelf design for fast removal of product heat load
- High density foam insulation for rigidity and stable storage temperature
- Microprocessor control, digital display, adjustable temperature range:  $-10^{\circ}\text{C}$ ~ $-40^{\circ}\text{C}$
- LED digital display for clear observation
- Wide voltage tolerance design with applicable voltage range of 187~242 V/AC

### Safety

- Multiple malfunction alarms including high/ low temperature, sensor error, high/ low ambient temperature
- Two types of alarm indications: audible buzzing and visual flashing light

### Ergonomic Design

- Door lock for storage safety
- Storage drawer



Door Handle



Door Seals



Control Panel



Evaporating Shelf



Lock

## Chest Type

### Reliability and Key Features

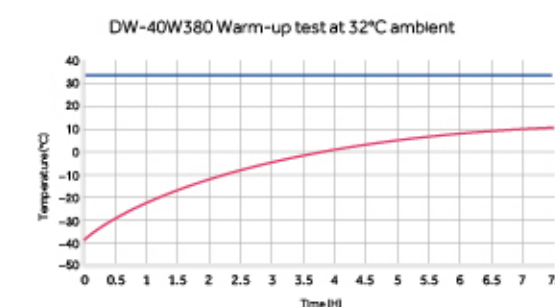
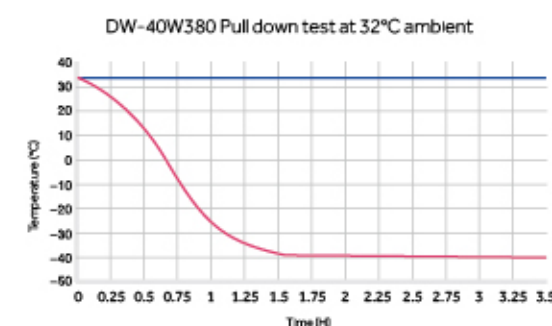
- High efficiency low temperature compressor with known field reliability
- Chemically stable, CFC-free, commercially available and environmentally safe refrigerant
- Permanently lubricated cooling fan for safety and longevity, high density insulation foam for stable and long term storage temperature
- Optimized refrigeration system designed to maximize cooling effect and temperature uniformity
- Microprocessor control, digital display, adjustable temperature range:  $-20^{\circ}\text{C}$ ~ $-40^{\circ}\text{C}$
- LED digital display for clear observation
- Wide voltage tolerance design with applicable voltage range of 198~252 V/AC

### Safety

- Multiple malfunction alarms to detect high / low temperature, sensor error, and power failure
- Two types of alarm indications: audible buzzing and visual flashing light

### Ergonomic Design

- Door lock for storage safety
- Standard  $\phi 40$  access port for testing instrumentation except model DW-40W380
- Corrosion proof cabinet interior design
- Suitable for a variety of storage baskets



Liner



Electronic Thermostat



## Specification



	Model	DW-40L92	DW-40L188	DW-40L262		DW-40L348		DW-40L508		DW-40L626	DW-40W100		DW-40W255	DW-40W380	
Technical Data	Cabinet Type	Upright	Upright	Upright		Upright, double door		Upright, double door		Upright	Chest		Chest	Chest	
	Climate Class	N	N	N		N		N		N	N		N	N	
	Cooling Type	Direct cooling	Direct cooling	Direct cooling		Direct cooling		Direct cooling		Direct cooling	Direct cooling		Direct cooling	Direct cooling	
	Defrost Mode	Manual	Manual	Manual		Manual		Manual		Manual	Manual		Manual	Manual	
	Refrigerant	CFC-Free	CFC-Free	CFC-Free		CFC-Free		CFC-Free		CFC-Free	CFC-Free		CFC-Free	CFC-Free	
	Noise(dB)	40	43	44		45		45		49	≤45		≤45	≤45	
Performance	Cooling per formance(°C)	-40	-40	-40		-40		-40		-40	-40		-40	-40	
	Temperature Range(°C)	-10~-40	-10~-40	-10~-40		-20~-40		-20~-40		-20~-40	-20~-40		-20~-40	-20~-40	
Control	Controller	Microprocessor	Microprocessor	Microprocessor		Microprocessor		Microprocessor		Microprocessor	Microprocessor		Microprocessor	Microprocessor	
	Display	LED	LED	LED		LED		LED		LED	LED		LED	LED	
Electrical Data	Power Supply(V/Hz)	220-240/50	220-240/50	220-240/50	115/60	220-240/50		220-240/50	208-230/60	220-240/50	220-240/50	115/60	220-240/50	220-240/50	208-230/60
	Power(W)	200	290	340	340	360		430	430	700	255	255	410	550	550
	Electrical Current(A)	2.1	2.5	3.2	4.9	2.9		2.9	2.9	8	5.0	5.0	4.2	5.1	5.1
Dimensions	Capacity(L/Cu.Ft)	92/3.3	188/6.6	262/9.3		348/12.3		490/17.3		626/22.1	100/3.5		255/9.0	380/13.4	
	Net/Gross Weight (approx)	46/51(kg)	63/71(kg)	88/93(kg)		137/145(kg)		170/200(kg)		298/314(kg)	43/46(kg)		70/82(kg)	82/89(kg)	
		101.4/112.4(lbs)	138.9/156.5(lbs)	194.0/205.0(lbs)		302.0/319.7(lbs)		374.8/440.9(lbs)		657.0/692.2(lbs)	94.8/101.4(lbs)		154/180.8(lbs)	180.8/196.2(lbs)	
	Interior Dimension (W*D*H)	465*440*645(mm)	380*420*1225(mm)	480*465*1430(mm)		535*607*1228(mm)		685*650*1228(mm)		760*630*1310(mm)	500*385*625(mm)		1040*430*605(mm)	1376*457*625(mm)	
		18.3*17.3*25.4(in)	15.0*16.5*48.2(in)	18.9*18.3*56.3(in)		21.1*23.9*48.3(in)		27.0*25.6*48.3(in)		29.9*24.8*51.6(in)	19.7*15.2*24.6(in)		40.9*16.9*23.8(in)	54.2*18.0*24.6(in)	
	Exterior Dimension (W*D*H)	597*610*860(mm)	597*610*1475(mm)	657*685*1665(mm)		750*840*1860(mm)		895*840*1860(mm)		1035*900*1980(mm)	680*600*805(mm)		1243*633*838(mm)	1550*633*838(mm)	
		23.5*24.0*33.9(in)	23.5*24.0*58.1(in)	25.9*27.0*65.6(in)		29.5*33.1*73.2(in)		35.2*33.1*73.2(in)		40.7*35.4*78.0(in)	26.8*23.6*31.7(in)		48.9*24.9*33.0(in)	61.0*24.9*33.0(in)	
	Packing Dimension (W*D*H)	659*699*934(mm)	659*699*1548(mm)	732*745*1756(mm)		815*945*2040(mm)		965*945*2040(mm)		1072*954*2130(mm)	735*645*855(mm)		1310*750*880(mm)	1630*755*880(mm)	
25.9*27.5*36.8(in)		25.9*27.5*60.9(in)	28.8*29.3*69.1(in)		32.1*37.2*80.3(in)		38.0*37.2*80.3(in)		42.2*37.6*83.9(in)	28.9*25.4*33.7(in)		51.6*29.5*34.6(in)	64.2*29.7*34.6(in)		
Functions	Container load (20'/40'/40'H)	54/108/108	24/48/48	24/48/48		14/28/28		12/24/24		12/24/24	54/108/162		24/54/81	18/42/63	
	High/Low Temperature	Y	Y	Y		Y		Y		Y	Y		Y	Y	
	Remote Alarm	N/A	N/A	N/A		Y		Y		Y	N/A		N/A	N/A	
	Hot Condenser	N/A	N/A	N/A		N/A		N/A		Y	N/A		N/A	N/A	
	Power Failure	N/A	N/A	N/A		Y		Y		Y	N/A		N/A	N/A	
	High/Low Voltage	N/A	N/A	N/A		N/A		N/A		Y	N/A		N/A	N/A	
	Sensor Error	Y	Y	Y		Y		Y		Y	Y		Y	Y	
	Low Battery	N/A	N/A	N/A		Y		Y		Y	N/A		N/A	N/A	
Accessories	High Ambient Temp	N/A	N/A	N/A		Y		Y		Y	N/A		N/A	N/A	
	Caster	Y	Y	Y		Y		Y		Y	N/A		N/A	N/A	
	Foot	Y	Y	Y		Y		Y		Y	N/A		N/A	N/A	
	Test Hole	N/A	N/A	Y		Y		Y		Y	Y		Y	N/A	
	Drawers/Inner doors	3/-	7/-	7/-		12/-		10/-		3(Shelves)/4	/		/	/	
	USB Interface	N/A	N/A	N/A		Optional		Optional		N/A	N/A		N/A	N/A	
Others	Temperature Recorder	N/A	N/A	N/A		Optional		Optional		Optional	N/A		N/A	N/A	
	Certificate	CE	CE	CE		CE		CE		/	CE		CE	CE	

## Combined Refrigerator & Freezer

### Excellent Performance

- Adjustable refrigerator compartment temperature range: 2°C to 8°C
- Adjustable freezer compartment range: -20°C to -40°C

### Construction

- Stainless steel
- Ease of cleaning

### Key Function

- USB port for data download
- Capable of recording temperature data for up to one month automatically
- Independent display for refrigerator section and freezer section
- Optional remote alarm and monitor via Internet
- Drawers with divided compartments
- Shelves with divided sections
- Multiple alarms to detect malfunctions
- Multi-malfunction alarms, precautionary alarm



HYCD-282

HYCD-282A

## Combined Refrigerator and Freezer

In Jan, 2013 Haier successfully won the Uzbekistan MOH tender for 520 units HYCD-282A Combined Refrigerator and Freezers.

It was the first time for Haier to win the tender for Uzbekistan MOH project that numerous domestic and international medical equipment brands involved. Haier Group has approved its fine competitiveness in price, performance, appearance and brand recognition of Haier Pharmacy Refrigerator.



	Model	HYCD-282	HYCD-282A
Technical Data	Cabinet Type	Upright	Upright
	Climate Class	N	N
	Cooling Type	Refrigerator: Forced air cooling Freezer: Direct cooling	Refrigerator: Forced air cooling Freezer: Direct cooling
	Defrost Mode	Manual	Manual
	Refrigerant	CFC-Free	CFC-Free
	Noise (dB)	43	43
Performance	Cooling performance(°C)	Freezer: -40	Freezer: -40
	Temperature Range (°C)	2-8/-20~-40	2-8/-20~-40
Control	Controller	Microprocessor	Microprocessor
	Display	LED	LED
Electrical Data	Power Supply(V/Hz)	220-240/50	220-240/50
	Power(W)	400	400
	Electrical Current(A)	2.8	2.8
Dimensions	Capacity(L/Cu.Ft)	Refrigerator: 185/6.5 Freezer: 97/3.4	Refrigerator: 185/6.5 Freezer: 97/3.4
	Net/Gross Weight(approx)	145/160(kg) 320.0/352.7(lbs)	145/160(kg) 320.0/352.7(lbs)
	Interior Dimensions(W*D*H)	Refrigerator: 605*510*720(mm)	Refrigerator: 605*510*720(mm)
		Freezer: 515*465*440(mm)	Freezer: 515*465*440(mm)
		Refrigerator: 23.8*20.0*28.3(in) Freezer: 20.3*18.3*17.3(in)	Refrigerator: 23.8*20.0*28.3(in) Freezer: 20.3*18.3*17.3(in)
	Exterior Dimensions(W*D*H)	736*660*1810(mm) 29.0*26.0*71.3(in)	736*660*1810(mm) 29.0*26.0*71.3(in)
	Packing Dimensions(W*D*H)	774*719*1920(mm) 30.5*28.3*75.6(in)	774*719*1920(mm) 30.5*28.3*75.6(in)
	Container load (20'/40'/40'H)	21/45/45	21/45/45
Functions	High/Low Temperature	Y	Y
	Remote Alarm	Y	Y
	Power Failure	Y	Y
	Sensor Error	Y	Y
	Low Battery	Y	Y
	High Ambient Temp	Y	Y
	Caster	Y	Y
Accessories	Foot	Y	Y
	Test Hole	Y	Y
	Shelves/Drawers	3/2	3/2
Others	USB Interface	Y	Y
	Certificate	CE	/