

Biomedical Freezers



Superior Temperature
Uniformity



Compact Footprint with
Large Capacity



High-Efficiency and Energy-Saving
Compressor and System

Haier Biomedical USA

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Intelligent Protection of Life Science



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Exterior View



Interior View



Product Advantages



Superior Temperature Uniformity

The temperature uniformity is $\pm 3^{\circ}\text{C}$ at key characteristic points.



Green and Environmental Friendly

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



Microprocessor Controller

Microprocessor control, with temperature display precision at 0.1°C .



Porthole

Standard access port (25mm diameter), which is convenient for user to test cabinet temperature.



High-efficiency and Energy-saving Compressor and System

High efficiency hydrocarbon compressor, optimized refrigeration system and low power consumption.



Multiple Alarm Functions

High/Low temperature, door ajar, power failure, sensor error, high ambient temperature alarms and also equipped with remote alarm interface, alarm modes are audible and visible.



Compact Footprint

Combine a small footprint with large storage capacity to provide flexible, reliable and convenient sample storage.



Undercounter Biomedical Freezer

The DW-25L92 cabinet is designed with a height of 810mm, which can be easily placed under the bench to save storage space.



Low Sound Level

Sound-reducing design with optimized system eliminates high-pitch noise to reduce sound level and deliver a smoother operation.



Standard LED Display Panel

Optional: 10-inch touchscreen for DW-30L818BP/DW-40L818BP/DW-40L959BP.

Specifications

Model		DW-25L92	DW-25L262	DW-30L528D	DW-30L698	
Technical Data	Cabinet Type	Upright	Upright	Upright (Double Door)	Upright	
	Climate Class	SN N	SN N	SN N	SN N	
	Cooling Type	Direct Cooling	Direct Cooling	Direct Cooling	Direct Cooling	
	Defrost Mode	Manual	Manual	Manual	Manual	
	Refrigerant	HC	HC	HC	HC	
	Sound Level (dB(A))	28	34	43	43	
Performance	Cooling Performance (°C)	-25	-25	-30	-30	
	Temperature Range (°C)	-10~-25	-10~-25	-10~-30	-10~-30	
Control	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor	
	Display	LCD	LCD	LCD	LED	
Electrical Data	Power Supply (V/Hz)	115/60	115/60	115/60	115/60	
	Power (W)	125	135	420	500	
Dimensions	Capacity (L/Cu.Ft)	92/3.2	262/9.3	531/18.8	698/24.7	
	Net/Gross Weight (approx)	kg	46/51	88/93	180/250	180/225
		lbs	101.4/112.4	194.0/205.0	396.8/451.9	396.8/496
	Interior Dimensions (W*D*H)	mm	435*410*635	480*465*1430	704*620*1230	640*755*1458
		in	17.1*16.1*25.0	18.9*18.3*56.3	27.7*24.4*48.4	25.2*29.7*57.4
	Exterior Dimensions (W*D*H)	mm	640*610*810	700*705*1730	940*845*1878	874*930*1984
		in	25.2*24.0*31.9	27.6*27.8*68.1	37.0*33.3*73.9	34.4*36.6*78.1
	Packing Dimensions (W*D*H)	mm	660*700*910	775*760*1880	1005*940*2040	950*1060*2110
		in	26.0*27.6*35.8	30.5*29.9*74.0	39.6*37.0*80.3	37.4*41.7*83.0
	Container Load(20'/40'/40'H)	48/102/102	21/45/45	10/22/24	10/22/22	
Alarms	High/Low Temperature	Y	Y	Y	Y	
	Remote Alarm	Y	Y	Y	Y	
	Power Failure	Y	Y	Y	Y	
	Sensor Error	Y	Y	Y	Y	
	Low Battery	N	N	N	Y	
	High Ambient Temperature	Y	Y	Y	Y	
	Dirty Condenser	N	N	N	N	
	Door Ajar	Y	Y	Y	Y	
Accessories	Casters	Y	Y	Y	Y	
	Leveling Feet	Y	N	Y	Y	
	Porthole	Y, 1 left side, (25mm) diameter	Y, 1 left side, (25mm) diameter	Y, 1 left side, 1 right side, (25mm) diameter	Y, 2 rears, (25mm) diameter	
	Inner Doors	N	N	N	3	
	Drawers	3- Plastic Drawers	7- Plastic Drawers	10- Plastic Drawers, Optional	24- Plastic Blood Bag Drawers, Optional	
	Shelves	N	N	3- Adjustable Wire Shelves	5- Adjustable Wire Shelves	
	Shelf Dimensions (WxD)(mm)	N	N	680*537	610*655	
	Max. Load per Shelf (kg)	N	N	37	40	
	USB Interface	Optional	Optional	Optional	Y	
	RS485	Optional	Optional	Optional	Optional	
	NFC	N	N	N	N	
	Temperature Recorder	N	N	Optional	Optional	
	Others	Certificate	UL	UL	UL, ENERGY STAR	

Specifications

Model		DW-30L818BP	DW-40L818BP	DW-40L959BP	
Technical Data	Cabinet Type	Upright	Upright	Upright	
	Climate Class	SN N	SN N	SN N	
	Cooling Type	Direct Cooling	Direct Cooling	Direct Cooling	
	Defrost Mode	Manual	Manual	Manual	
	Refrigerant	HC	HC	HC	
	Sound Level (dB(A))	37	44	42	
Performance	Cooling Performance (°C)	-30	-40	-40	
	Temperature Range (°C)	-10--30	-20--40	-20--40	
Control	Controller	Microprocessor	Microprocessor	Microprocessor	
	Display	LED	LED	LED	
Electrical Data	Power Supply (V/Hz)	115/60	100-230/50/60	100-230/50/60	
	Power (W)	680	795	800	
Dimensions	Capacity (L/Cu.Ft)	818/28.9	818/28.9	959/33.9	
	Net/Gross Weight (approx)	kg	251/287	251/287	350/400
		lbs	553.4/632.7	553.4/632.7	771.6/881.8
	Interior Dimensions (W*D*H)	mm	750*755*1460	750*755*1460	1016*716*1310
		in	29.5*29.7*57.5	29.5/29.7/57.5	40.0*28.2*51.6
	Exterior Dimensions (W*D*H)	mm	988*951*1980	988*951*1980	1296*998*1980
		in	38.9*37.4*78	38.9/37.4/78.0	51.0*39.3*78.0
	Packing Dimensions (W*D*H)	mm	1040*1035*2110	1040*1035*2110	1358*1098*2127
		in	40.9*40.7*83.1	40.9*40.7*83.1	53.5*43.2*83.7
	Container Load(20'/40'/40'H)		10/22/22	10/22/22	8/16/16
Alarms	High/Low Temperature	Y	Y	Y	
	Remote Alarm	Y	Y	Y	
	Power Failure	Y	Y	Y	
	Sensor Error	Y	Y	Y	
	Low Battery	Y	Y	Y	
	High Ambient Temperature	Y	Y	Y	
	Dirty Condenser	N	N	N	
	Door Ajar	Y	Y	Y	
Accessories	Casters	Y	Y	Y	
	Leveling Feet	Y	Y	Y	
	Porthole	Y, 2 rears, (25mm) diameter	Y, 2 rears, (25mm) diameter	Y, 2 rears, (25mm) diameter	
	Inner Doors	3	3	3	
	Drawers	30-Plastic Blood Bag Drawers, Optional	30- Plastic Blood Bag Drawers, Optional	21/42- Plastic Blood Bag Drawers, Optional	
	Shelves	5- Adjustable Wire Shelves	5- Adjustable Wire Shelves	2- Adjustable Wire Shelves	
	Shelf Dimensions (W×D)(mm)	706*665	706*665	1000*641	
	Max. Load per Shelf (kg)	50	50	65	
	USB Interface	Optional	Optional	Optional	
	RS485	Y	Y	Y	
	NFC	Optional	Optional	Optional	
	Temperature Recorder	Optional	Optional	Optional	
Others	Certificate	UL,ENERGY STAR	/	/	

Exterior View



HYCD-319A



HYCD-469A

Interior View



HYCD-319A



HYCD-469A

Product Advantages



Multipurpose and Space Efficient

One cabinet with two independent chambers, both are self-contained and independently controlled with individual doors. Refrigerator chamber is equipped with a double-paned glass viewing window and LED interior lighting.



Microprocessor Controller with Digital Display

Refrigerator temperature 2~8°C with resolution of 0.1°C.
Freezer temperature -40~-10°C with resolution of 1°C.
Multiple alarm functions with remote alarm contact to ensure safe monitoring.



Environment Friendly

Hydrocarbon refrigerant (R600a for refrigerator / R290 for freezer) and CFC-free polyurethane insulation for reduced global warming potential



High Performance

Refrigerator: Forced-air cooling system with cycle defrost, temperature uniformity±3°C
Freezer: Cold wall cooling system, manual defrost, temperature uniformity±5°C
Standard USB port & optional printer, easy to get temperature record



Stainless Steel Interior

The interior of refrigerator and freezer are both made of stainless steel, which is easy to clean and corrosion-proof

Specifications

Model		HYCD-319A		HYCD-469A		
Technical Data	Cabinet Type	Refrigerator	Freezer	Refrigerator	Freezer	
		Upright		Upright		
	Climate Class	N		N		
	Cooling Type	Forced Air Cooling	Direct Cooling	Forced Air Cooling	Direct Cooling	
	Defrost Mode	Auto	Manual	Auto	Manual	
	Refrigerant	R600a	R290	R600a	R290	
	Sound Level (dB(A))	50		52		
Performance	Temperature Range (°C)	2~8	-15~-40	2~8	-15~-40	
Control	Controller	Microprocessor		Microprocessor		
	Display	LED		LED		
Electrical Data	Power Supply (V/Hz)	115/60		115/60		
	Power(W)	450		640		
	Electrical Current (A)	6		7		
Dimensions	Capacity (L/Cu.Ft)	200/7.06	100/3.53	245/8.65	200/7.1	
	Net/Gross Weight (approx)	kg	145/160		176/207	
		lbs	319.7/352.7		388.0/456.4	
	Interior Dimensions (W*D*H)	mm	605*510*720	515*465*440	593*585*800	553*545*660
		in	23.8*20*28.3	20.2*18.3*17.3	23.3*23.0*31.5	21.8*21.5*26.0
	Exterior Dimensions (W*D*H)	mm	735*660*1810		738*834*1975	
		in	28.9*26.0*71.3		29.1*32.8*77.8	
	Packing Dimensions (W*D*H)	mm	795*740*2010		840*910*2170	
		in	31.3*29.1*79.1		33.1*35.8*85.4	
	Container Load(20'/40'/40'H)	21/43/43		12/28/28		
Alarms	High/Low Temperature	Y		Y		
	Sensor Error	Y		Y		
	Power Failure	Y		Y		
	Door Ajar	Y		Y		
	High Ambient Temp	Y		Y		
	Low Battery	Y		Y		
	Remote Alarm	Y		Y		
Accessories	Caster	Y		Y		
	Foot	Y		Y		
	Porthole	Y		Y		
	Shelves/Drawers	3/1	1/2 (without sliding rack)	3/0	3/0 (Max 3 drawers optional, without sliding rack)	
	Stylus printer/RS485	Optional (printer or RS 485, either-or)		Optional (printer or RS485, either-or)		
	USB Interface	Y		Y		
Others	Certification	UL		UL		

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