

Why choose Laboratory & Pharmaceutical-grade Cold Storage?

When storing temperature-sensitive materials, reliability is critical. Laboratory and pharmaceutical-grade equipment is designed to protect product integrity, ensure compliance, and reduce the risk of costly losses - something domestic units are not built to do.



Haier Biomedical
Intelligent Protection of Life Science



PRECISION TEMPERATURE CONTROL

Maintains stable, uniform temperatures within tight tolerances to protect sensitive samples, vaccines, and reagents. *Fan-assisted air circulation for uniform cooling.*



BUILT-IN MONITORING & ALARMS

Integrated alarms for temperature deviations, door openings, and power failures, with optional data logging for audit support. *Continuous electronic monitoring.*



EXTERNAL MONITORING ACCESS

Supports independent temperature validation without compromising performance. *Dedicated access ports for external probes - no seal damage, no temperature loss.*



REDUCED RISK OF PRODUCT LOSS

Minimises temperature fluctuations and undetected failures, protecting high-value and often irreplaceable contents. *Fast temperature recovery + built-in safety system.*



LOWER TOTAL COST OF OWNERSHIP

Prevents costly losses, reduces downtime, and offers greater durability - outweighing the higher upfront cost. *Energy-efficient operation + reduced failure risk.*



DESIGNED FOR COMPLIANCE

Built to meet industry standards, making them suitable for regulated laboratory and healthcare environments. *Calibration-ready systems + audit-friendly design.*

Investing in laboratory-grade cold storage means greater reliability, compliance, and long-term value.

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FRIDGES



MODEL		HYC-85GD	HYC-130GD	HYC-309	HLR-310F	HYC-410	HYC-461	HYC-639	HYC-761GD	HYC-1031GD
Technical Data	Cabinet Type	Table-top / Under-counter	Under-counter	Upright						
	Door Type	Glass, Single Door			Foam-insulated Single Door	Glass, Single Door			Glass, Double Door	
	Climate Class (°C)	N, 16 ~ 32						ST, 16 ~ 38	N, 16 ~ 32	
	Cooling Type	Forced Air Circulation								
	Defrost Mode	Auto								
	Refrigerant	R600a								
	Sound Level (dB(A))	35	37	41	40	41	39	43	37	39
Performance	Temperature Uniformity (°C)	±1,5		±3			±1,5	±3	±1,5	
	Temperature Range (°C)	2 ~ 8			3 ~ 16	2 ~ 8				
Control	Controller	Microprocessor								
	Display	LED								
Electrical Data	Power Supply (V/Hz)	220 - 240 / 50	220 - 240 / 50/60		220 - 240 / 50				220 - 240 / 50/60	
	Electrical Current (A)	0.98	0.8	1.9	1.6	2	1.7	2.15	1.7	2.2
	Power (W)	180		392	225	350	270	410	310	380
	Power Consumption (kWh/24h)	0.99	1	4.5	1.05	5.5	1.85	6	1.85	2.48
Construction	Capacity (ℓ)	85	130	309	310	410	461	639	761	1031
	Net / Gross Weight (kg)	36 / 41	48 / 52	77 / 87	72 / 83	116 / 139	115 / 125	200 / 240	115 / 125	255 / 265
	Interior Dimensions (W*D*H) (mm)	405*405*555	515*455*625	525*500*1290	560*500*1290	530*590*1380	500*590*1670	620*706*1520	900*590*1500	1115*590*1670
	Exterior Dimensions (W*D*H) (mm)	495*550*740	595*670*840	600*630*1840	605*598*1840	665*710*1965	595*800*1990	760*897*1993	995*810*1810	1205*800*1990
Alarms	High / Low Temperature	Y								
	Power Failure	Y			N	Y				
	Sensor Error	Y								
	Low Battery	Y			N	Y				
	Door Ajar	Y								
Accessories	Caster	2		4						
	Foot	2								
	Access Ports	Y								
	Shelves / Baskets	2 / 1	3 / 1	5 / -	4 / -	6 / -		4 /	12 / -	
	USB Interface	Optional			N	Optional		Y	Optional	
Certification		CE, DIN13277 (Optional)	CE, UKCA, DIN13277 (Optional)	CE		CE, Energy Star	CE, DIN13277 (Optional)	CE	CE, DIN13277 (Optional)	

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FREEZERS



MODEL		DW-25L92	DW-25L262	DW-30L528D	DW-40L92	DW-40L262	DW-40L528D
Technical Data	Cabinet Type	Upright, Underbench	Upright		Upright, Underbench	Upright	
	Door Type	Solid Single Door		Solid Double Door (Top-Bottom)	Solid Single Door		Solid Double Door (Top-Bottom)
	Climate Class (°C)	SN-N, 10 ~ 32					
	Cooling Type	Direct Cooling					
	Defrost Mode	Manual					
	Refrigerant	HC					
	Sound Level (dB(A))	27	34	39	29	41	45
Performance	Temperature Uniformity (°C)	±3	±4	±3		±4	±3
	Temperature Range (°C)	-10 ~ -25		-10 ~ -30	-20 ~ -40		
Control	Controller	Microprocessor					
	Display	LED					
Electrical Data	Power Supply (V/Hz)	220 ~ 240 / 50					
	Electrical Current (A)	1.2	1.4	3.1	2.2	2	2.9
	Power (W)	255	270	460	340	310	375
	Power Consumption (kWh/24h)	0.65	0.95	3.4	1.4	2.4	4.6
Construction	Capacity (ℓ)	92	262	531	92	262	531
	Net / Gross Weight (kg)	46 / 51	88 / 93	180 / 205	46 / 51	88 / 93	180 / 205
	Interior Dimensions (W*D*H) (mm)	435*410*635	480*465*1430	704*620*1230	435*410*635	480*465*1430	704*620*1230
	Exterior Dimensions (W*D*H) (mm)	640*610*810	700*705*1665	940*845*1878	640*610*810	700*705*1665	940*845*1878
Alarms	High / Low Temperature	Y					
	Remote Alarm	Y					
	Power Failure	N		Y	N		Y
	Sensor Error	Y					
	Low Battery	N					
	Door Ajar	Y					
Accessories	Caster	Y					
	Foot	Y					
	Access Ports	Y		Y (2)	Y		Y (2)
	Shelves / Drawers	0 / 3	0 / 7	3 / 0	0 / 3	0 / 7	3 / 0
	USB Interface	Optional					
Certification		CE					

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ULTRALOW FREEZERS



MODEL		DW-86L100J	DW-86L388J	DW-86L419	DW-86L578BPST	DW-86L729BPT	DW-86L829BPT
Technical Data	Cabinet Type	Upright, Undercounter	Upright				
	Door Type	Solid Single Door					
	Climate Class (°C)	N, 16 ~ 32					
	Cooling Type	Direct Cooling					
	Defrost Mode	Manual					
	Refrigerant	HC					
	Sound Level (dB(A))	46.8	50	47	42	43.5	
Performance	Temperature Uniformity (°C)	±4	±5	±4	±3		
	Temperature Range (°C)	-40 ~ -86					
Control	Controller	Microprocessor					
	Display	LED		Touchscreen			
Electrical Data	Power Supply (V/Hz)	220 ~ 240, 50			220 ~ 240, 50 / 60	100 ~ 230, 50 / 60	208 ~ 230, 50 / 60
	Electrical Current (A)	3	7.5	5	10.4	14	15
	Power (W)	680	551	800	1100		1400
	Power Consumption (kWh/24h) (Set -80 °C at 25 °C Ambient)	5.5	11	8, 9 (set at 20 °C ambient)	7	8	8.2
	Capacity (ℓ)	100	388	419	578	729	829
Construction	Net / Gross Weight (kg)	108 / 132	255 / 286		325 / 355	350 / 385	380 / 415
	Interior Dimensions (W*D*H) (mm)	330*481*630	465*716*1310		620*716*1310	766*716*1310	870*716*1310
	Exterior Dimensions (W*D*H) (mm)	770*660*810	830*980*1980		895*998*1980	1046*998*1980	1145*998*1980
Alarms	High / Low Temperature	Y					
	Hot Condenser	Y					
	Power Failure	Y					
	High / Low Voltage	N		Y			
	Sensor Error	Y					
	Low Battery	Y					
	High Ambient Temperature	Y					
	Door Ajar	Y					
	Start-Up Delay	Y					
Accessories	Caster	Y					
	Foot	Y					
	Access Ports	Y / 2					
	Shelves / Inner Doors	1 / 2	3 / 2		3 / 4		
	USB Interface	Y					
	Cryobox Capacity	60	300		400	500	600
	Cryorack Compatibility	4 x DCJ-53	12 x DCJ-55		16 x DCJ-55	20 x DCJ-55	24 x DCJ-55
	Co ₂ Backup Compatibility	N	Y				
Certification		CE			CE and ENERGY STAR Certification		

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Complete your Ultralow Freezers with these accessories:



CO₂ Backup Systems

- Emergency cooling in case of power failure
- Extends hold time and protects critical samples
- Strongly recommended for high-value contents



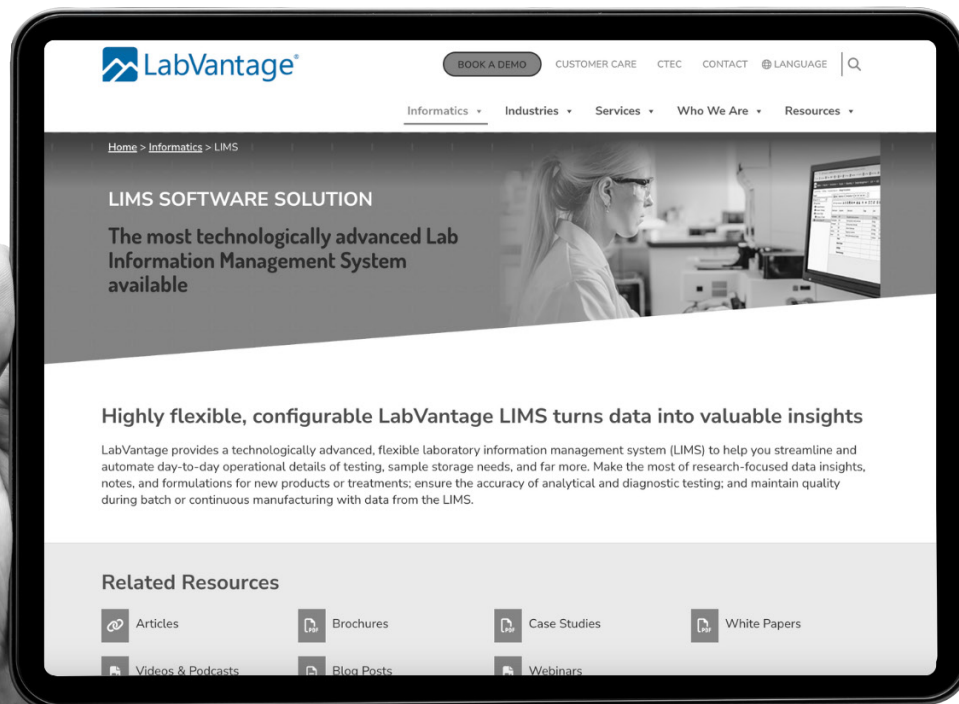
Cryo Racking Systems

- Maximises storage efficiency
- Improves sample organisation and retrieval
- Reduces door-open time - improves temperature stability

Inventory Management & LIMS Solutions

Ideal for laboratories managing high sample volumes or requiring full traceability.

- Track, manage, and locate samples with ease
- Improve traceability, compliance, and audit readiness
- Integrate physical storage with digital inventory systems
- Scalable solutions to support growing laboratory needs



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V01 14.05.2026