

SMART SCIENCE | Refrigerator and Freezer

Smart Science co.,ltd.

Price List 2023-2024



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- Refrigerator
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- Ultra Low Freezer



Haier

 เลือกชม/สั่งซื้อสินค้า ออนไลน์ได้แล้ว

บริษัท สมาร์ท ไซเอนซ์ จำกัด

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**SMART
SCIENCE**
Smart Science co.,ltd.

บริษัท สมาร์ท ไซเอนซ์ จำกัด 80/379 ถนนพหลโยธิน, ต.คลองหนึ่ง, อ.คลองหลวง, จ.ปทุมธานี
SMART SCIENCE CO., LTD. 80/379 Khlong Nueng, Khlong Luang, Pathum Thani
E-mail : orders@smartsience.co.th Tel : (+66)98-8250970 Tel : (+66)2-077-7593



Single Door 2-8

- ✓

Cooling method : Forced Air Cooling System
- ✓

Defrost mode : Auto
- ✓

Refrigerant : R600a
- ✓

Sensor Type : NTC
- ✓

Temperature controller : Microprocessor
- ✓

Material : Electro-galvanized steel with antimicrobial powder coating



Large digital display screen.
Microprocessor control digital display, and temperature.



Optimized space utilization
design with multi-level and
adjustable shelf.



Permanently lubricated cooling
fan for safety and longevity.



Model	PR5-60	PR5-100	PR5-100F	PR5-250	PR5-310	PR5-315	PR5-320	PR5-415	PR5-420
Capacity	60L	100L	100L	226L	312L	316L	316L	416L	416L
Shelves (Qty)	2	3	3	4	5	6, Basket 1	5	6, Basket 1	5
Internal Size (WxLxH)	410*315*560 mm	385*356*737 mm	385*356*737 mm	534*406*1150 mm	560*485*1350 mm	540*425*1380 mm	540*425*1380 mm	685*429*1380 mm	685*429*1380 mm
External Size (WxLxH)	495*450*710 mm	505*510*875 mm	505*520*875 mm	625*594*1707 mm	650*624*1902 mm	640*554*1925 mm	660*555*1915 mm	785*552*1927 mm	785*552*1927 mm
ราคา* (บาท)	30,790	35,750	34,490	49,050	54,290	77,650	52,850	84,990	67,590

Double Door / Three Door 2-8

- ✓

Cooling method : Forced Air Cooling System
- ✓

Defrost mode : Auto
- ✓

Refrigerant : R600a
- ✓

Sensor Type : NTC
- ✓

Temperature controller : Microprocessor



Model	PR5-660	PR5-1000	PR5-1500
Capacity	656L	1006L	1500L
Shelves (Qty)	10	10	12
Material	Electro-galvanized steel with antimicrobial powder coating		Stainless steel, grade 304
Internal Size (WxLxH)	1100*454*1325 mm	1100*684*1325 mm	1680*595*1312 mm
External Size (WxLxH)	1240*630*1895 mm	1220*860*1885 mm	1800*775*1965 mm
ราคา* (บาท)	117,750	139,090	237,990

Under-counter Pharmacy Refrigerator



Haier (China)

- ✓ Cooling method : Forced Air Cooling System
- ✓ Defrost mode : Auto
- ✓ Refrigerant : Hydrocarbon (HC)
- ✓ Temperature controller : Microprocessor



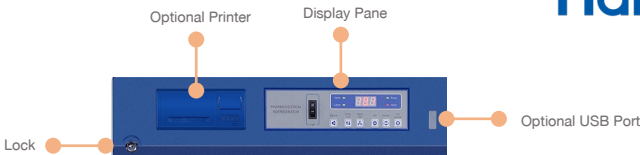
Model	HYC-68	HYC-68A	HYC-118	HYC-118A
Capacity	68L		118L	
Cabinet Type	Solid Door	Glass Door	Solid Door	Glass Door
Shelves (Qty)	2		3	
Internal Size (WxLxH)	415*385*505 mm	415*385*505 mm	515*415*630 mm	515*415*630 mm
External Size (WxLxH)	495*580*660 mm	495*580*660 mm	597*635*810 mm	597*635*810 mm
ราคา* (บาท)	56,300	58,800	81,300	87,500

Standard Pharmacy Refrigerator



Haier (China)

- ✓ Cooling method : Forced Air Cooling System
- ✓ Defrost mode : Auto
- ✓ Refrigerant : Hydrocarbon (HC)
- ✓ Temperature controller : Microprocessor



Model	HYC-290	HYC-390	HYC-390F	HYC-639	HYC-610	HYC-940	HYC-1378
Capacity	290L	390L		639L	610L	890L	1378L
Cabinet Type	Glass Door		Solid Door	Glass Door			
Door (QLY)	Single					Double	
Shelves (Qty)	5	7		4/6	6	12	12
Internal Size (WxLxH)	530*555*1080mm	530*555*1380mm		620*706*1520mm	680*640*1400mm	1030*590*1425mm	1320*700*1500mm
External Size (WxLxH)	665*710*1665mm	665*710*1965mm		760*897*1993mm	780*840*1945mm	1130*755*1980mm	1440*950*1980mm
ราคา* (บาท)	131,300	146,300	153,800	218,800	262,500	336,300	511,300

Advanced Pharmacy Refrigerator



Haier (China)

- ✓ Cooling method : Forced Air Cooling System
 - ✓ Defrost mode : Auto
 - ✓ Refrigerant : Hydrocarbon (HC)
 - ✓ Temperature controller : Microprocessor
- ✓ Advanced control system
 - ✓ Six sensors
 - ✓ High efficiency air flow system
 - ✓ Precise temperature control
- ✓ Uniform temperature distribution
 - ✓ VFD driven compressor
 - ✓ High-efficiency fan motor



Model	HYC-509	HYC-509F	HYC-509T	HYC-509TF	HYC-1099	HYC-1099F	HYC-1099T	HYC-1099TF
Capacity	509L				1099L			
Cabinet Type	Single Glass Door	Single Solid Door	Single Glass Door	Single Solid Door	Double Glass Door	Double Solid Door	Double Glass Door	Double Solid Door
Display	LED		Touchscreen+LED		LED		Touchscreen+LED	
Internal Size (WxLxH)	593*585*1500 mm				1295*585*1500 mm			
External Size (WxLxH)	693*813*1981 mm				1395*813*1981 mm			
ราคา* (บาท)	268,800		330,000		412,500		495,000	

Spark Free Refrigerator

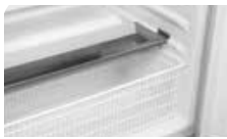


Haier (China)

- Explosion proof features include antistatic liner, gasket, explosion proof fan motor, over current and voltage protection.
- Adjustable set point for the range of 3°C ~16°C, factory default set temperature is 5°C, controlling the temperature inside the chamber is 2~8°C.
- Multiple alarms and data function which allows users to check and save historical data, which is useful and convenient for laboratory inspection processes.
- High Efficiency hydrocarbon Cooling Technology



Console



Glass Shelfs



Model	HLR-118SF	HLR-118FL	HLR-310SF	HLR-310FL
Capacity	118 L		310 L	
Cabinet Type	Under-Counter		Upright	
Interior Material/Colour	PS Plate/White	Antistatic PS Plate/Black	PS Plate/White	Antistatic PS Plate/Black
Shelves (Qty)	2, Baskets 1		4	
Internal Size (WxLxH)	515x415x630 mm		560x500x1290 mm	
External Size (WxLxH)	597x635x835 mm		605x598x1840 mm	
ราคา* (บาท)	83,800	117,500	112,500	121,300



Chest Freezer, LF25-H Series



- ✓ Temperature range : -10 ~ -25 °C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : R290 (CFC Free)
- ✓ Temperature controller : Microprocessor



Digital display for easy observation.



Model	LF25-H110	LF25-H310	LF25-H490
Capacity	105L	305L	485L
Internal Size (WxLxH)	480*380*665 mm	1000*520*665 mm	1455*525*665 mm
External Size (WxLxH)	621*588*883 mm	1140*742*883 mm	1655*755*915 mm
ราคา* (บาท)	46,690	62,850	83,450

Vertical Freezer, Single Door



- ✓ Temperature range : -10 ~ -25 °C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : R290 (CFC Free)
- ✓ Temperature controller : Microprocessor



Model	LF25-100	LF25-270E	LF25-280W	LF25-330E	LF25-940
Capacity	100L	268L	278L	328L	936
Shelves / Drawers (Qty)	Shelves 3 , Drawers 4	Shelves 3	Drawers 7	Shelves 4	Shelves 3
Internal Size (WxLxH)	410*410*670 mm	508*455*1137 mm	480*415*1460 mm	508*455*1393 mm	1000*700*1335 mm
External Size (WxLxH)	540*540*880 mm	673*676*1630 mm	659*600*1694 mm	673*676*1886 mm	1304*1000*2017 mm
ราคา* (บาท)	40,290	80,190	57,950	91,590	397,750

Vertical Freezer, Double Door



- ✓ Temperature range : -10 ~ -25 °C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : R290 (CFC Free)
- ✓ Temperature controller : Microprocessor



Model	LF25-360	LF25-530
Capacity	358L	528L
Shelves / Drawers (Qty)	Shelves 4 , Drawers 12	Shelves 4 , Drawers 18
Internal Size (WxLxH)	466*636*625 mm	(651*631.5*635) mm *2
External Size (WxLxH)	720*830*1870 mm	900*818*1875 mm
ราคา* (บาท)	147,950	155,350

* ราคายังไม่รวมภาษี 7%



-25 °C Deep Freezer

Single Door



- ✓ Temperature range : -10 ~ -25 °C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : Hydrocarbon (HC)
- ✓ Temperature controller : Microprocessor
- ✓ LED digital display for clear observation

Haier (China)



Model	DW-25L92	DW-25L262
Capacity	92 L	262 L
Drawers (Qty)	3	7
Internal Size (WxLxH)	435*410*635 mm	480*465*1430 mm
External Size (WxLxH)	640*610*810 mm	700*705*1665 mm
ราคา* (บาท)	73,800	137,500

-30 °C Deep Freezer

Double Door / Three Door



- ✓ Temperature range : -10 ~ -30 °C
- ✓ Refrigerant : Hydrocarbon (HC)
- ✓ Temperature controller : Microprocessor



Door lock and padlock



Backup battery protection



USB



Malfunction Alarms



Microprocessor temperature control,
LCD temperature display



Drawer (Optional)

Haier (China)



Model	DW-30L420F	DW-30L1280F	DW-30L278	DW-30L508	DW-30L818	DW-30L818BP
Capacity	420 L	1280 L				818 L
Defrost mode	Automatic			Manual		
Cooling method	Forced Air Cooling			Direct Cooling		
Display	LED	LCD				LED
Drawers/ Inner Doors	6 / 3	12 / -	6 / -	10 / -	- / 3	
Internal Size (WxLxH)	685*610*1028 mm	1320*752*1260 mm	520*435*1230 mm	685*610*1228 mm	750*755*1460 mm	
External Size (WxLxH)	950*920*1900 mm	1520*1065*1980 mm	745*675*1810 mm	915*810*1860 mm	988*951*1980 mm	
ราคา* (บาท)	347,500	752,500	138,800	173,800	323,800	405,000



Vertical Freezer, Double Door

- ✓ Temperature range : Freezer: -10 ~ -25 °C Refrigerator: 2 ~ 8 °C
- ✓ Cooling method : Forced air cooling / Freezer: Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : R290 (CFC Free)
- ✓ Temperature controller : Microprocessor



(China)



2°C~8°C
-10°C~-25°C



Independent inner door to avoid more cooling leakage, and provide more stable inside temperature performance.



Lockable caster design for customer to move as needed.



Upright side door with build-in handle for easy-opening; limit door hinge to prevent collision when door open.

Model	CRF25-300	CRF25-370
Capacity	R: 198 L / F: 102 L	R: 183 L / F: 185 L
Shelves / Drawers (Qty)	Shelves 2 , Drawers 3	Shelves 2 , Drawers 6
Internal Material	Engineering plastics	SPCC sprayed steel
External Material	SPCC sprayed steel	
Internal Size (W×L×H)	R: 565*480*759 / F: 461*465*600 mm	R: 580*626*625 mm / F: 466*636*625 mm
External Size (W×L×H)	650*620*1980 mm	720*830*1870 mm
ราคา* (บาท)	74,390	106,350

*R = Refrigerator

F = Freezer

Vertical Freezer, Double Door

- ✓ Temperature range : Refrigerator: 2~8 °C / Freezer: -10~-40 °C
- ✓ Cooling method : Refrigerator: Forced air cooling / Freezer: Direct cooling
- ✓ Defrost mode : Refrigerator: Auto / Freezer: Manual
- ✓ Refrigerant : Refrigerator: R600a / Freezer: R290
- ✓ Temperature controller : Microprocessor



(China)



Temperature Control



HYCD-282
HYCD-282A

Model	HYCD-282	HYCD-282A	HYCD-469	HYCD-469A
Capacity	Refrigerator: 185 L / Freezer: 97 L		Refrigerator: 269 L / Freezer: 200 L	
Shelves / Drawers (Qty)	Refrigerator: 3/1 Freezer: 0/2		Refrigerator: 3/0 Freezer: 3/0 (Max 3 Drawers optional, without sliding rack)	
Internal Size (W×L×H)	Refrigerator: 605*510*720 mm Freezer: 515*465*440 mm		Refrigerator: 593*585*800 mm Freezer: 553*545*660 mm	
External Size (W×L×H)	735*660*1810 mm		738*834*1975	
ราคา* (บาท)	292,500	306,300	408,800	423,800

Chest Freezer, LF40-H Series



- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : R290 (CFC Free)
- ✓ Temperature controller : Microprocessor



Door lock design to avoid abnormal door open.



Model	LF40-H110	LF40-H310	LF40-H490
Capacity	105L	305L	485L
Temperature range	-10 ~ -40°C		
Internal Size (WxLxH)	480*380*665 mm	1000*520*665 mm	1455*525*665 mm
External Size (WxLxH)	694*686*942 mm	1218*840*940 mm	1667*863*949 mm
ราคา* (บาท)	49,590	101,190	122,690

Vertical Freezer, Single Door



- ✓ Temperature range : -20 ~ -40 °C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : R290 (CFC Free)
- ✓ Temperature controller : Microprocessor



Model	LF40-270E	LF40-280E	LF40-330E	LF40-940
Capacity	268L	278L	328L	936
Shelves / Drawers (Qty)	Shelves 3	Drawers 7	Shelves 4	Shelves 3
Internal Size (WxLxH)	508*455*1137 mm	480*415*1460 mm	508*455*1393 mm	1000*700*1335 mm
External Size (WxLxH)	673*676*1630 mm	659*600*1694 mm	673*676*1886 mm	1304*1000*2017 mm
ราคา* (บาท)	98,090	90,050	114,490	466,250

Vertical Freezer, Double Door



- ✓ Temperature range : -20 ~ -40 °C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : R290 (CFC Free)
- ✓ Temperature controller : Microprocessor



Height-adjustable shelf trays allow you to adjust the inside of the chambers according to the size of the samples.



Equipped with separate doors or drawers that suppress the leakage of cold air during opening and closing of the doors



Door latch with provision for a padlock for extra protection of samples.



Model	LF40-360	LF40-530
Capacity	358L	528L
Shelves / Drawers (Qty)	Shelves 4, Drawers 12	Shelves 4, Drawers 18
Internal Size (WxLxH)	466*636*625 mm	(651*631.5*635) mm *2
External Size (WxLxH)	720*830*1870 mm	900*818*1875 mm
ราคา* (บาท)	175,450	189,150



Single Door



- ✓ Temperature range : -20 ~ -40 °C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : Hydrocarbon (HC)
- ✓ Temperature controller : Microprocessor
- ✓ LED digital display
- ✓ Rapid cooling with shelf evaporator
- ✓ Removable double outer door seal design, good sealing effect and energy saving



Caster and feet



USB (optional)



Removable double outer door seal



Reliable Performance



USB



Malfunction Alarms



Double Outer Door Seal

Haier (China)



DW-40L278



Shelves

Model	DW-40L92	DW-40L262	DW-40L278
Capacity	92 L	262 L	278 L
Shelves (Qty)	3	7	6
Internal Size (WxLxH)	435*410*635 mm	480*465*1430 mm	520*435*1230 mm
External Size (WxLxH)	640*610*810 mm	700*705*1665 mm	770*710*1810 mm
ราคา* (บาท)	110,000	151,300	255,000

Double Door / Three Door



- ✓ Temperature range : -20 ~ -40 °C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : Hydrocarbon (HC)
- ✓ Temperature controller : Microprocessor
- ✓ Improved door seal design with two gaskets maintains cabinet temperature more efficiently
- ✓ Reduced frost buildup
- ✓ LED digital display for clear observation



Surface



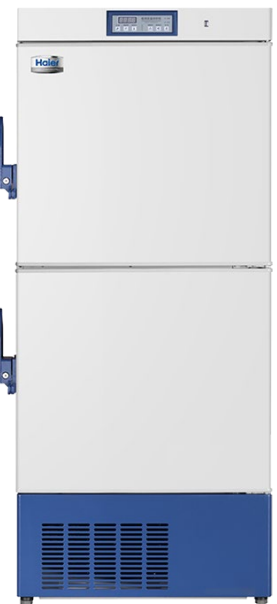
Console



Lock



Drawer



Model	DW-40L508	DW-40L348
Capacity	490 L	348 L
Drawer (Qty)	12	10
Internal Size (WxLxH)	685*610*1228 mm	535*610*1228 mm
External Size (WxLxH)	940*845*1860 mm	790*845*1860 mm
ราคา* (บาท)	363,800	291,300

* ราคายังไม่รวมภาษี 7%



Chest Freezer, LF60-H Series



- ✓ Temperature range : -25 ~ -60°C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : R290 (CFC Free)
- ✓ Temperature controller : Microprocessor



Door lock design to avoid abnormal door open.



Digital display for easy observation.



Model	LF60-H110	LF60-H490
Capacity	105L	485L
Internal Size (WxLxH)	480*380*665 mm	1455*525*665 mm
External Size (WxLxH)	694*686*942 mm	1667*863*949 mm
ราคา* (บาท)	116,190	175,450

Double Door / Three Door



- ✓ Temperature range : -30 ~ -60 °C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : Hydrocarbon (HC)
- ✓ Temperature controller : Microprocessor



Quickly freeze sea food products to retain their original taste, structure and freshness.



Low noise output, noise cancelling technology yields a smoother operation and a sound level of less than 43dB(A)



Multiple alarm system includes temperature alarm, and sensor error alarm.



HC refrigerant system is optimized to improve refrigeration efficiency by 30 %, and save energy by about 50%.



Console



Compressor



Model	DW-60W138	DW-60W258	DW-60W388
Capacity	138 L	258 L	388 L
Internal Size (WxLxH)	580*445*620 mm	1000*445*620 mm	1450*445*620 mm
External Size (WxLxH)	790*770*950 mm	1210*770*950 mm	1655*770*950 mm
ราคา* (บาท)	163,800	236,300	236,300



Chest Freezer, LF86-H Series



- ✓ Temperature range : -40 ~ -86 °C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : R4001 (CFC Free)
- ✓ Temperature controller : Microprocessor



Door lock design to avoid abnormal door open.



Digital display for easy observation.



Model	ULF86-H110	ULF86-H490
Capacity	105L	485L
Internal Size (WxLxH)	480*380*665 mm	1455.5*525.2*674 mm
External Size (WxLxH)	680*580*935 mm	1695*840*962 mm
ราคา* (บาท)	198,250	341,290

ULF86 Series



- ✓ Temperature range : -40 ~ -86 °C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : Hydrocarbon (HC)
- ✓ Temperature controller : Microprocessor
- ✓ Inside material : Stainless steel shelf
- ✓ Outside material : Color sprayed steel
- ✓ Display : LCD display



7-inch LCD touch screen for intuitive operation and display of various equipment-related information



Unique insulated inner door design for four separate storage compartments to minimize frost buildup inside the chamber.



Multifunction alarms including high and low temperature, power failure, sensor error, clean-filter, and extremely high ambient, abnormal voltage, thermostat failure, low battery, condenser clean, door ajar.



Model	ULF86-340	ULF86-410	ULF86-590	ULF86-730	ULF86-840
Capacity	338L	408L	588L	7288L	838L
Shelves / Drawers (Qty)	Shelves 3 , Drawers 4	Shelves 3	Drawers 7	Shelves 4	Shelves 3
Internal Size (WxLxH)	488*607*1140 mm	606*575*1180 mm	891*1155*1994.5 mm	963*571*1350 mm	894*718*1310 mm
External Size (WxLxH)	854*1072*1907 mm	891*992*1945.5 mm	606*738*1310 mm	1248*975*1994.5 mm	1179*1135*1994.5 mm
ราคา* (บาท)	295,890	391,590	440,350	560,790	583,590



ULF86-E Series



- ✓ Temperature range : -40 ~ -86 °C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : R4001 (CFC Free)
- ✓ Temperature controller : Microprocessor
- ✓ Inside material : Stainless steel shelf
- ✓ Outside material : Color sprayed steel



ULF86-60E



ULF86-190E



ULF86-340E~ ULF86-840E

Model	ULF86-60E	ULF86-190E	ULF86-340E	ULF86-410E	ULF86-590E	ULF86-730E	ULF86-840E
Capacity	58L	188LL	340L	408L	588L	728L	838L
Internal Size (WxLxH)	330*453*410 mm	465*465*830 mm	488*607*1140 mm	606*575*1180 mm	606*738*1310 mm	963*571*1350 mm	894*718*1310 mm
External Size (WxLxH)	635*757*1212 mm	830*810*1607.5 mm	854*1006*1907 mm	872*1028*1945.5mm	872*1192*1994.5mm	1229*1012*1994.5mm	1160*1172*1994.5mm
ราคา* (บาท)	160,150	233,350	274,550	303,550	373,350	441,890	523,890

ULF86-P Series



Energy Conservation

High performance V.I.P (Vacuum Insulation Panel) insulation panels to minimize cabinet heat gain and to improve temperature stability.

Unique insulated inner door design for four separate storage compartments to minimize frost buildup inside the chamber.

Unique door seal design for the minimum loss of cold temperature during a door opening.

HC Refrigerant with better efficiency & less energy cost, good for environment. (Except for the E series)



Model	ULF86-410P	ULF86-590P	ULF86-840P
Capacity	408L	588L	838L
Internal Size (WxLxH)	606*575*1180 mm	606*738*1310 mm	894*718*1310 mm
External Size (WxLxH)	872*1028*1945.5 mm	872*1192*1994.5 mm	1160*1172*1994.5 mm
ราคา* (บาท)	479,990	528,750	700,950

* ราคายังไม่รวมภาษี 7%



Under-counter ULT Freezer

- ✓ Temperature range : -40 ~ -86 °C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : Hydrocarbon (HC)
- ✓ Temperature controller : Microprocessor

Model	DW-86L100J
Capacity	100L
Internal Size (WxLxH)	330*481*630 mm
External Size (WxLxH)	770*660*810 mm
ราคา* (บาท)	382,500

Optional IoT Module : Real time monitoring of cabinet temperature, temperature setting, high and low temperature alarm value, temperature curve, alarm log and event log.

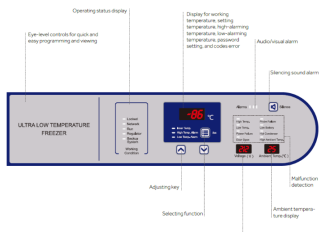
Haier (China)

Ergonomic design for easy door opening and closing

Filter is easy to remove and clean without the need for tools.

Chest : Low Energy ULT Freezer-LED Display

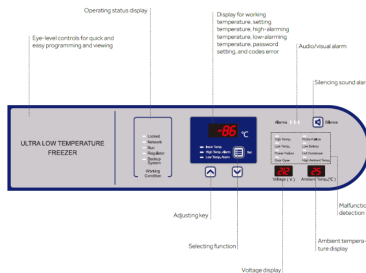
- ✓ Temperature range : -40 ~ -86 °C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : Hydrocarbon (HC)
- ✓ Temperature controller : Microprocessor



Model	DW-80WZ15	DW-86W100J	DW-86W420J
Capacity	15L	100 L	420 L
Internal Size (WxLxH)	690*320*485 mm	470*450*480 mm	1367*462*652 mm
External Size (WxLxH)	260*180*330 mm	769*825*1120 mm	2130*870*1020 mm
ราคา* (บาท)	191,300	368,800	458,800

Upright : Low Energy ULT Freezer-LED Display

- ✓ Temperature range : -40 ~ -86 °C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : Hydrocarbon (HC)
- ✓ Temperature controller : Microprocessor



High Efficiency Refrigeration Components

Individual Removable Foam Inner Doors

Excellent Doors Seals

Optimized slideway design, easier to open and close the door

Pressure Equalization Port

Model	DW-86L338J	DW-86L388J	DW-86L486E	DW-86L490J	DW-86L578J	DW-86L628E	DW-86L728J	DW-86L828J
Capacity	338L	388L	486L	490L	578L	626L	728L	828L
Shelves/Inner doors	3 / 2	3 / 2	3 / 4	3 / 4	3 / 4	3 / 4	3 / 4	3 / 4
Internal Size (WxLxH)	465*630*1165mm	606*575*1180mm	590*630*1310mm	590*630*1310mm	620*716*1310mm	760*630*1310mm	766*716*1310mm	870*716*1310mm
External Size (WxLxH)	830*893*1846mm	891*992*1945.5mm	945*900*1980mm	860*900*1980mm	903*980*1960mm	1035*900*1980mm	1049*980*1980mm	1145*980*1980mm
ราคา* (บาท)	295,890	391,590	547,500	440,350	667,500	611,300	731,300	763,800



Upright : Low Energy ULT Freezer-LCD Touchscreen

- ✓ Temperature range : -40 ~ -86 °C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : Hydrocarbon (HC)
- ✓ Temperature controller : Microprocessor

Large Intelligent LCD Screen
Visual Management



Standard USB interface, capable
of storing data for 10 years



Model	DW-86L419	DW-86L579	DW-86L729	DW-86L829
Capacity	419L	579L	729L	829L
Shelves/ Inner Doors	3 / 2		3 / 4	
Internal Size (WxLxH)	465*716*1310 mm	620*716*1310 mm	766*716*1310 mm	870*716*1310 mm
External Size (WxLxH)	830*980*1980 mm	903*980*1960 mm	1049*980*1980 mm	1153*980*1980 mm
ราคา* (บาท)	535,000	675,000	751,300	788,800

Smart Frequency Conversion – LED Display

- ✓ Temperature range : -40 ~ -86 °C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : Hydrocarbon (HC)
- ✓ Temperature controller : Microprocessor



Energy Saving Refrigeration

High efficiency cooling fans and compressors, combined with hydrocarbon refrigerants, ensure energy savings and long-term sample security



Pressure Equalisation Port

Heated port with spring assisted mechanism to prevent icing on the vent allows users to reopen the main door soon after entering. Adopts chromium plating, rust-proof



USB Interface

Enables users to download historical temperature data for compliance/auditing purposes

Haier (China)



Multilayered Sealing Structure

Triple layer of gaskets split between main and inner doors decreases heat loss and guarantee excellent warm up times in the event of a power failure



Improved Handle Design

Lockable handle with unique key prevents other Haier freezer owner's access to your precious samples, also comes with space for a padlock for that extra security



Multilevel Alarms

Alarming functions that include high and low temperature, sensor error, power failure, high ambient, clean filter and door ajar

Model	DW-86L579BP	DW-86L729BP	DW-86L829BP	DW-86L959BP
Capacity	579L	729L	829L	959L
Internal Size (WxLxH)	620*716*1310 mm	766*716*1310 mm	870*716*1310 mm	1016*716*1310 mm
External Size (WxLxH)	895*998*1980 mm	1046*998*1980 mm	1145*998*1980 mm	1296*998*1980 mm
ราคา* (บาท)	716,300	776,300	827,500	916,300



Smart Frequency Conversion – LCD Touch Screen

- ✓ Temperature range : -40 ~ -86 °C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : Hydrocarbon (HC)
- ✓ Temperature controller : Microprocessor



Smart Full-size Touch Screen



Safe and secure



Super energy efficient with three environmentally friendly innovations



Optimized insulation



Handle and Lock

Haier (China)



Model	DW-86L579BPT	DW-86L729BPT	DW-86L829BPT	DW-86L959BPT
Capacity	579L	729L	829L	959L
Internal Size (WxLxH)	620*716*1310 mm	766*716*1310 mm	870*716*1310 mm	1016*716*1310 mm
External Size (WxLxH)	895*998*1980 mm	1046*998*1980 mm	1145*998*1980 mm	1296*998*1980 mm
ราคา* (บาท)	716,300	827,500	877,500	966,300

TwinCool ULT Freezer

- ✓ Temperature range : -40 ~ -86 °C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : Hydrocarbon (HC)
- ✓ Temperature controller : Microprocessor



Maximum Sample Security : TwinCool system means extra insurance for temperature. Each independent refrigeration system can maintain -80°C separately.



Fast Cabinet Pull Down : Fast and efficient cabinet pulldown, it usually takes an average of three hours to reach -80°C at 25°C ambient



Maximum Energy Efficiency : The TwinCool ultra-low temperature system operates with 12 kWh/day.



World-leading Energy Saving Refrigeration Technology

Haier (China)

LED Console



LCD Console



Model	DW-86L578S	DW-86L728S	DW-86L578ST	DW-86L728ST
Capacity	578L	728L	578L	728L
Display	LED		LCD Touchscreen	
Internal Size (WxLxH)	620*716*1310 mm	766*716*1310 mm	620*716*1310 mm	766*716*1310 mm
External Size (WxLxH)	895*998*1980 mm	1046*998*1980 mm	895*998*1980 mm	1046*998*1980 mm
ราคา* (บาท)	700,000	763,800	751,300	801,300

TwinCool Frequency Conversion ULT Freezer

- ✓ Temperature range : -40 ~ -86 °C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : Hydrocarbon (HC)
- ✓ Temperature controller : Microprocessor



Large loading capacity : Maximum Capacity: 600 boxes (2 inch boxes with 10*10 configuration) 60,000 samples can be stored



World-leading Energy Saving Refrigeration Technology : Intelligent frequency conversion technology and HC refrigeration system



Environmental Protection : Environmentally friendly hydrocarbon refrigerant and foam material LBA



Dual refrigeration system, double safety and optimal reliability : Double independent hydrocarbon refrigeration system design, each system can maintain -80°C ensuring the safety of stored samples.

Haier (China)



Model	DW-86L828ST
Capacity	828L
Internal Size (WxLxH)	870*716*1310 mm
External Size (WxLxH)	1145*998*1980 mm
ราคา* (บาท)	916,300



-150°C Cryogenic Freezer, ULF150-H130



- ✓ Temperature range : -40 ~ -150°C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : Mixed-gas (CFC Free)
- ✓ Temperature controller : Microprocessor

Field Proven Reliability for Cryo Freezer :

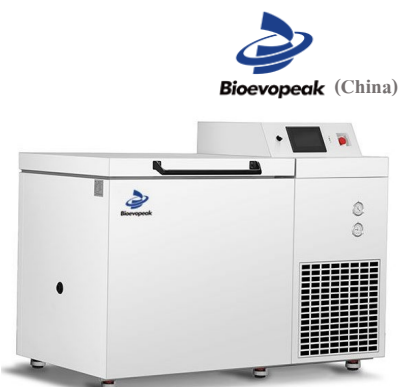
- Standard with USB port to download alarm and temp data.
- Non-flammable HC refrigerant to guarantee users' safety.
- Emergency stop to protect operator.

Key Design Features of Cryogenic Freezer :

- Settable high temperature and low temperature alarms.
- Optional temperature recorder, storage racks and storage box.

Cryo Freezer With Energy Saving:

- Unique door seal design for the minimum loss of cold temperature during a door opening.
- 200 mm thickness without CFC insulation to minimize cabinet heat gain and to improve temperature stability



Model	ULF150-H130
Capacity	128L
Internal Size (WxLxH)	500*450*578 mm
External Size (WxLxH)	1560*957*1178 mm
ราคา* (บาท)	1,076,450

Cryo Freezer



- ✓ Temperature range : -130 ~ -150°C
- ✓ Cooling method : Direct cooling
- ✓ Defrost mode : Manual
- ✓ Refrigerant : Hydrocarbon (HC)
- ✓ Temperature controller : Microprocessor

Integrated stainless steel hinge
Door opening angle > 45° can stop
One 25mm diameter test hole

Ergonomic design
LCD screen operation plane
slope 8°

Electric control function
Standard USB, Optional fingerprint lock,
NFC card lock



Adjustable foot
Large adjustable feet,
easy to level

Integrated handle
Cast aluminum handle, handle and box
spacing > 45mm, easy to grasp

Magnetic front cover
Screwless design, easy to remove and
clean the filter



Model	DW-150W209
Capacity	209L
Internal Size (WxLxH)	667*462*677 mm
External Size (WxLxH)	1650*850*1010 mm
ราคา* (บาท)	2,180,000

