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Note: If a slight difference occurs between pictures and actual products, please refer to actual products. Our company reserves the right of final interpretation of this brochure, please contact us for any further information if required.

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

Haier Biomedical

Intelligent Protection of Life Science



2022

Product Portfolio

Key Features and Unique Selling Points

Note:



Products with Energy Star Certification.



Products are manufactured with Touch Screen.



Products are manufactured with Hydrocarbon Refrigerant.



Products with NSF certification



-86°C Frequency Conversion ULT Freezer**Models: DW-86L959BP(T)/829BP(T)/729BP(T)/579BP(T)**

- Adaptive control follows user patterns, load and environmental conditions
- Ultra low power consumption
- Precise temperature uniformity of $\pm 3^{\circ}\text{C}$ (setting temperature at -80°C)
- Standard LED (BP) and Touchscreen (BPT) models available
- Optional IoT software system

-86°C TwinCool ULT Freezer**Models: DW-86L728S(AT)/578S(AT)**

- Dual refrigeration system for ultimate sample protection
- High speed refrigeration system for faster pull down and temperature recovery
- Low noise design
- Standard LED (S) and Touchscreen (ST) models available
- Remote alarm and USB connectivity
- Optional IoT software system

-86°C Standard Low Energy ULT Freezer**Models: DW-86L338J(A)/490J(A)/578J(A)/728J(A)/L828J(A)&DW-86W420JA**

- Standard low energy models utilising hydrocarbon energy saving refrigeration technology
- Precise temperature uniformity of $\pm 5^{\circ}\text{C}$ (setting temperature at -80°C)
- Microprocessor controller with multiple alarms
- Remote alarm contacts and USB interface as standard
- Large selection of sizes and configurations to meet most requirements, from 100L to 828L

-86°C Under Counter ULT Freezer**Model: DW-86L100J**

- Microprocessor controller with LED display and multiple alarms
- Optimized auto-cascade refrigeration technology (single compressor)
- 100L on or under-counter stackable design
- Low noise design
- Optional IoT module

-86°C Water-Cooled ULT Freezer**Models: DW-86L959W/828W**

- Advanced water-cooled refrigeration system, 90% heat removed by cooling water
- Precise temperature uniformity of $\pm 3^{\circ}\text{C}$ (setting temperature at -80°C)
- Intelligent control system
- 10-inch large LCD capacitive screen
- Multiple alarm protection with USB and remote alarm connectivity
- Single version sample management software (network version is optional)

-86°C ULT Freezer**Models: DW-86L51J**

- Microprocessor control system
- Optimized auto-cascade refrigeration technology
- Energy Saving
- Tool-free removable filter design

-40°C Biomedical Freezer**Model: DW-40L568J**

- Large 568L freezer with adjustable shelves and optional freezer racks for plasma bag storage
- Optimized energy-saving hydrocarbon refrigeration system
- Super quiet high-efficiency compressor
- Precise temperature uniformity of $\pm 4^{\circ}\text{C}$ (setting temperature at -40°C)
- Structural noise reduction design

-30°C Biomedical Freezer**Models: DW-30L508**

- Energy-saving compressor
- Low power cooling system
- Precise temperature uniformity of $\pm 4^{\circ}\text{C}$ (setting temperature at -30°C)
- Environmentally friendly hydrocarbon refrigerant
- Super silent compressor technology
- Energy-saving fan

-30°C Biomedical Freezer**Model: DW-30L818BP**

- Energy saving with variable speed inverter technology and HC refrigeration
- Super low energy and low noise design
- Excellent temperature uniformity of $\pm 3^{\circ}\text{C}$ in a large storage space (setting temperature at -30°C)
- Adjustable shelves

-25°C Biomedical Freezer**Models: DW-25L262/92**

- Direct cooling and manual defrost
- Environmentally-friendly and energy efficient hydrocarbon refrigeration
- Mechanical lock plus lock catch design
- Clear LCD display with multiple alarms
- Supplied with storage drawers

Combined Refrigerator and Freezer**Models: HYCD-282A/HYCD-319A**

- Dual, independently controlled refrigeration and freezing systems
- Stainless steel interior
- Backup battery
- 48-hour power failure alarm
- Remote alarm contacts
- USB interface for data download

Pharmacy Refrigerator**Models: HYC-940/940F/390/390F/290**

- Energy efficient design with inverter compressor technology and environmentally-friendly hydrocarbon refrigeration
- Forced air cooling for optimal temperature stability and uniformity $\pm 3^{\circ}\text{C}$ (setting temperature at 5°C)
- Optimised internal space design with multi-level adjustable shelves
- LED display with multiple alarms

Pharmacy Refrigerator**Models: HYC-1378/610**

- Standard pharmacy refrigerators with forced-air cooling
- Precise temperature uniformity of $\pm 3^{\circ}\text{C}$ (setting temperature at 5°C)
- Microprocessor controller with LED display with multiple alarms
- Condensation-free heated self-closing door

Pharmacy Refrigerator**Models: HYC-639**

- Energy efficient: daily power consumption is less than 6 kWh per day
- Excellent temperature uniformity of $\pm 2^{\circ}\text{C}$
- Environment friendly of a GWP only 3
- Multiple alarms for safe and reliable operation
- Quiet: the noise output to 43 dB (A) by optimized system and cabinet design

Under-counter Pharmacy Refrigerator**Models: HYC-118/118A/68/68A**

- High-efficiency hydrocarbon compressor and refrigerant
- Air cooling, with auto defrost for superior cabinet temperature uniformity
- Small size, fitting easily under the table
- Microprocessor control with LED and multiple alarms with 8-hour power failure alarm
- Remote alarm terminal

Laboratory Refrigerator**Models: HLR-310SF/FL**

- Adjustable temperature set point $3-16^{\circ}\text{C}$
- Precise temperature uniformity of $\pm 3^{\circ}\text{C}$ (setting temperature at 5°C)
- One-click temperature query function
- ATEX rated, certified spark-free

Ice-lined Vaccine Refrigerator**Models: HBC-80/150/260**

- Cabinet structure design
- CFC-free high-density foam insulation
- WHO/UNICEF standard Grade A freeze protection
- Wide ambient temperature range of 5°C ~ 43°C
- Internal temperature range of 2°C ~ 8°C.
- Digital solar powered temperature display
- Standard door lock and independent temperature recorder
- Indicator light displaying On or Off status of compressors
- Wide operating voltage range of 172~264 volts

Advanced Blood Bank Refrigerator**Models: HXC-1369/629(B)/429/149**

- Reliable temperature performance 4°C ±1°C
- Frequency conversion technology with adaptive control
- Environmentally-friendly and energy efficient HC refrigeration
- NFC swipe card module
- USB interface as standard with remote alarm in real time

Smart Blood Bank Refrigerator**Models: HXC-1369T/629T(B)/429T/149T**

- Smart touchscreen controller with NFC card access and optional fingerprint module
- Reliable temperature performance 4°C ±1°C
- Frequency conversion technology with adaptive control
- Environmentally-friendly and energy efficient HC refrigeration

Active Cooling Transport Cooler for Biological Products**Model: HZY-8Z/8ZA/HZY-15Z/15ZA**

- For transportation of biological products 2°C ~ 10°C
- Economical and energy-efficient semi-conductor refrigeration
- PCM ice packs and high-density insulation
- Holdover time of more than 2 hours (no power) at 25°C ambient
- GPS positioning, one-button Bluetooth printing and camera

Passive Cooling Transport Cooler for Biological Products**Model: HZY-35B**

- Utilises PCM ice packs and efficient ABS high-density insulation
- Maintains stable temperature of 2°C ~ 10°C
- At 43°C ambient or below maintains conditions for more than 8 hours
- Handle and casters for easy handling

Vehicle-mounted Transport Cooler**Models: DW-80WZ15**

- High quality HC high-efficiency compressor, energy saving and environmental friendly
- Superior uniformity and insulation performance
- Superior noise-reduction design, achieve 45 dB(A) sound level
- Hidden metal handle, safe and durable, easy to carry

Smart IoT Series Biosafety Cabinet**Models: HR1200/1800-IIA2-N/HR900-IIA2-N/HR1500-IIA2-N**

- Dual: SMI pressure sensors, light airflow speed sensors, EBM DC fans, ULPA filters, lights
- IoT access management system (optional)
- Intelligent constant air velocity function
- UV lamp service life warning and one-touch timer function
- Optional electrically operated glass door
- Optional surveillance cameras to record the operating status
- Airflow blocking patented technology
- HEPA filter service life warning function
- With CE, NSF and TÜV SÜD Mark Certification

Laminar Flow Cabinet**Models: HCB-1300V/HCB-1600H**

- High-Efficiency Filter HEPA
- 304 Stainless Work Surface
- Ergonomic Design
- Interlocking Function
- Memory Function
- One-key Operation
- Pre-cleaning Function

Low Temperature Transport Trolley

Models: YDC-3000H



- Passive refrigeration system
- Longer insulation time
- PCM ice pack for cold storage
- High strength aluminum magnesium alloy shell, meeting PI620 packaging requirements for class A infectious substances
- Light plastic PP shell, meeting PI650 packaging requirements for class B infectious substances

Biobank Series LN₂ Solutions



- Large scale capacity stores up to 94,875×2ml vials
- Vapour phase storage at -190°C prevent crosscontamination
- Supplied with intelligent cryosmart liquid nitrogen system monitoring and control solution
- LN₂ splash proof design for safer operation

Smart Series LN₂ Solutions



- 5 models from 2,400 to 6,000 cryovial capacity
- Cloud data storage for traceability
- Low consumption rate and high performance stability
- Durable aluminium construction
- Real time monitor of temperature and fluid level
- New lock design
- 5-year vacuum warranty

Medium Series LN₂ Solutions



- Heavy duty lockable enclosure
- Compatible with all major cryobox brands
- Liquid or vapour phase option available
- Durable aluminium construction
- Temperature monitoring available
- High thermal efficiency
- Ultra-low evaporation loss
- 5-year vacuum warranty

Dryshipper Series LN₂ Solutions



- Rugged and durable aluminium construction
- Vapour phase storage
- Straw and cryovial storage options
- No LN₂ spillage
- Lockable lids
- Cryo absorbant
- 3-year vacuum warranty

Self-pressurized Series LN₂ Solutions



- Stainless steel construction
- Integral safety mechanisms
- Labelled valves for easy identification
- Safety valves
- Decant valves
- Pressure raising
- Liquid storage
- Rotary ring construction
- 5-year vacuum warranty

CO₂ Incubator with Dry Heat Sterilization

Models: HCP-258/168/80 (Available in 2022)



- Precise temperature control
- IR CO₂ sensor
- 180°C dry heat sterilization technology
- Easy to clean
- Quick recovery after door openings
- Active heat condensation technology
- Intelligent controller

Consumables for ULT Freezer (category)



- SBS (Styreneic Block Copolymers) racked 2d cryogenic vial
- Innovative cryogenic vial
- Conventional cryogenic vial
- Freezer boxes
- Freezer racks
- PCR consumables

-86°C ULT Freezer





DW-86L578ST
DW-86L728ST

DW-86L578SAT
DW-86L728SAT

DW-86L579BP/729BP
DW-86L829BP/959BP

DW-86L579BPT/729BPT
DW-86L829BPT/959BPT

DW-86L338J
DW-86L338JA

DW-86L490JA
DW-86L578JA

DW-86L578J
DW-86L728JA

DW-86L828JA
DW-86L728JA

DW-86L100J

DW-86W420JA

ULT Water Cooling



DW-86L828W

DW-86L959W

-40°C Biomedical Freezer

Upright

Chest

Double Door



DW-40L92

DW-40L262

DW-40L278

DW-40W100

DW-40W255

DW-40W380

DW-40L508

-30°C Biomedical Freezer



DW-30L420F

DW-30L508

DW-30L818BP

-25°C Biomedical Freezer

Upright



DW-25L92

DW-25L262


Combined Refrigerator and Freezer

New

New

New

New



HYCD-469

HYCD-469A

HYCD-319

HYCD-319A

Pharmacy Refrigerator



HYC-290

HYC-390

HYC-390F

HYC-509

HYC-509T

HYC-509F

HYC-509TF

HYC-509R

HYC-610

HYC-639

HYC-1099

HYC-1099T

HYC-1099F

HYC-1099TF

Spark Free Freezer/Refrigerator

Under-counter Pharmacy Refrigerator



HYC-940

HYC-940F

HYC-1378

HYC-68

HYC-68A

HYC-118

HYC-118A

New




HLR-310FL

Blood Bank Refrigerator

New Generation

baskets



HXC-429TR

HXC-629TR

HXC-1369TR

HXC-149R

HXC-429R

HXC-629R
HXC-629RB

HXC-629ZZ

HXC-106

HXC-149

HXC-149T



HXC-279
HXC-429COUNTER

HXC-429

HXC-629
HXC-629B

HXC-1369

HXC-429T

HXC-629T
HXC-629TB

HXC-1369T

HXC-158
HXC-158B

DWA-30L818TR

DWA-30L1280TR

Transport Cooler













Active Cooling

Passive Cooling

Intelligent Control Cold Chain Transport Cooler

Vaccine Transport Cooler

Portable Transport Cooler



HZY-8Z/8ZA

HZY-15Z/15ZA

HZY-40Z

HZY-5B

HZY-10B (P620)

HZY-35B

BW25-8A/12A/36A/64A
BW50-12A/36A

QBLL0606

ALG50

BCD60
BCD115

Biological Safety Cabinet and Laminar Flow Cabinet

Smart Series



HR1200-IIA2-N
HR1800-IIA2-N

HCB-1600H

HCB-1300V

Liquid Nitrogen Container

Biobank Series LN₂ Solutions

Smart Series LN₂ Solutions

Medium Series LN₂ Solutions

Dryshipper Series LN₂ Solutions

Self-pressurized Series LN₂ Solutions

Low Temperature Transport Trolley



YDC-850-48H

YDC-1000-48H

YDC-1500-48H

YDC-2000-48H

YDC-2500-48H

YDC-3000H

YDC-3500H

Consumables



Walk-in Cold Room

