

USA

PRODUCT
PORTFOLIO



Your Haier Biomedical Partner

Haier Medical & Laboratory Solutions America LLC

Website: www.haiermedical-usa.com

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Haier Biomedical
Intelligent Protection of Life Science



**-150°C Cryogenic Freezer
DW-150W209A**

- Safe & cost-effective with optional LN2 backup system
- Adjustable temp range: -140°C ~ -150°C
- Eco-friendly HC refrigerants
- Microprocessor control with intuitive LCD touch screen
- Multi-alarm setup for comprehensive sample protection

**-86°C TwinCool ULT Freezer
DW-86L828BPST/728BPST/578BPST**

- Dual independent hydrocarbon refrigeration systems. If one system fails, the other maintains -80°C
- Intelligent inverter compressor paired with HC refrigeration ensures excellent energy efficiency
- Ultra-low noise operation
- Enhanced cooling performance

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

- Water cooled ULT freezers use less energy and heat emissions are reduced by 90%
- Excellent temperature uniformity within $\pm 3^{\circ}\text{C}$ @ -80°C setpoint
- Intelligent control system
- Intuitive 10.1" LCD touchscreen
- Multiple alarm protection with USB and remote alarm connectivity

**-86°C Standard ULT Freezer with LED Screen
DW-86L728J/578J/338J**

- Standard low energy models utilising hydrocarbon energy saving refrigeration technology
- 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

**-86°C UltraEco ULT Freezer
DW-86L580BPT/730BPT/830BPT/960BPT**

- Lowest energy consumption in the ENERGY STAR ranking
- Excellent temperature uniformity performance
- Great improvement in the warm-up time and door opening recovery time
- Improved pressure relief port (PEP) enables re-entry within 1 minute

**-86°C SmartEco ULT Freezer
DW-86L959BPT/829BPT/729BPT/579BPT**

- Inverter Compressor System with HC refrigerant for optimized performance
- Ultra-low power consumption
- Excellent temperature uniformity within $\pm 3^{\circ}\text{C}$ @ -80°C setpoint
- Intuitive 10.1" LCD touchscreen

**-86°C Under Counter Low Energy ULT Freezer
DW-86L100J**

- Microprocessor controller with LED display and multiple alarms
- Optimized auto-cascade refrigeration technology (single compressor)
- On or under-counter stackable design
- Low noise design

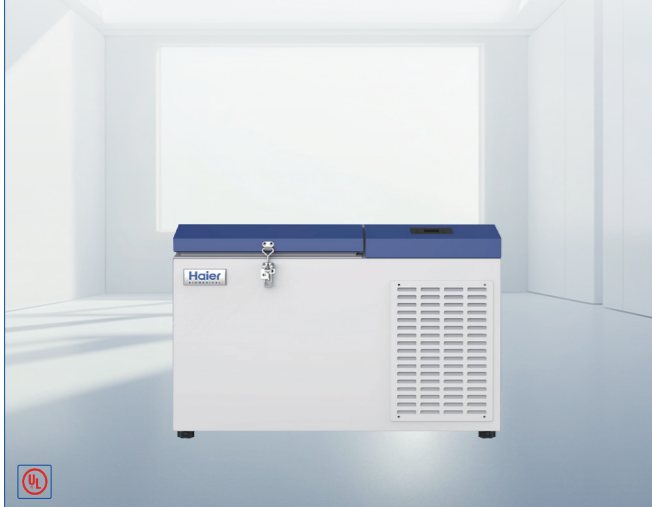
**-86°C ULT Freezer
DW-86L51J**

- Ergonomic & user friendly design
- Hydrocarbon energy saving
- Safe, secure and reliable
- Microprocessor control system
- Tool-free removable filter design
- Multiple data ports



Mini ULT Freezer
DW-80WZ15

- High quality HC high-efficiency compressor, energy saving and environmental friendly
- Superior uniformity and insulation performance
- One Unit for Multiple Applications
- Hidden metal handle, safe and durable, easy to carry

CO₂ Backup System / LN₂ Backup System
HBX-IC / HBX-IIA

HBX-IC

- Provides back-up in event of ULT failure to control cabinet temperature
- User adjustable temperature setting
- Small footprint, top mounted design
- Suitable for almost all types of ULT freezer

HBX-IIA

- Interlocked design to turn off the LN₂ injection when the door is opened
- Light weight and portable design, suitable for installation on top of a freezer
- Alarm functions include low battery and sensor error

-30°C AeroSure Forced Air Cooling Biomedical Freezer
DW-30L350F

- Automatic air-cooled defrost reduces frost build-up
- Inverter compressor and optimized system for high efficiency & stable performance
- Superior Temperature Uniformity
- Hydrocarbon refrigerant & eco-friendly insulation for low-carbon design
- Fast Temperature Recovery

-30°C Biomedical Freezer
DW-30L698

- Compact Footprint with Large Capacity
- Adjustable shelves provide highly adaptable interior space
- Temperature uniformity is $\pm 3^{\circ}\text{C}$ at key characteristic points
- Natural hydrocarbon refrigerants for low environmental impact & reliable operation

-40°C Smart Frequency Conversion Freezer
DW-40L959BP

- Natural refrigerants paired with inverter technology deliver superior performance and minimizing environmental impact
- Shelf height is adjustable to fit the size of stored items
- Temperature uniformity is $\pm 3^{\circ}\text{C}$ at key characteristic points
- Large capacity meets diverse/multiple storage needs
- Standard LED (BP) and touchscreen (BPT) models available

-40°C Smart Frequency Conversion Freezer
DW-40L818BP

- Natural refrigerants paired with inverter technology deliver superior performance and minimizing environmental impact
- Shelf height is adjustable to fit the size of stored items
- Temperature uniformity is $\pm 3^{\circ}\text{C}$ at key characteristic points
- Large capacity meets diverse/multiple storage needs
- Standard LED (BP) and touchscreen (BPT) models available

-30°C Biomedical Freezer
DW-30L528D

- High-efficiency and energy-saving compressor and system
- The temperature uniformity is $\pm 3^{\circ}\text{C}$ with the setting temperature of -30°C
- Adjustable storage shelf height to realize the efficient use of large space in the cabinet

-30°C Smart Frequency Conversion Freezer
DW-30L818BP

- Natural refrigerants paired with inverter technology deliver superior performance and minimizing environmental impact
- Shelf height is adjustable to fit the size of stored items
- Temperature uniformity is $\pm 3^{\circ}\text{C}$ at key characteristic points
- Large capacity meets diverse/multiple storage needs
- Standard LED (BP) and touchscreen (BPT) models available



**-25°C Biomedical Freezer
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

**NSF Series Biological Safety Cabinet
HR1800/1500/1200/900-IIA2-N****NSF/ANSI 49/UL**

- Comply with NSF / ANSI 49 / UL standard with NSF certification
- Dual SMI pressure sensors, dual airflow speed sensors to monitors real-time airflow for safety and Alert the user for any insufficient airflow
- Dual ULPA filters, 10x Filtration efficiency of HEPA filter to creates ISO Class 3 work zone
- Raised Arm Rest for Comfortable working posture
- Optional Silver-ion impregnated powder coat for exceptional anti-microbial effect

**Pharmacy Refrigerator
HYC-1031GD**

- Self-closing door with magnetic gasket for positive seal
- Microprocessor controller, display with resolution of 0.1°C
- Low energy consumption: 2.5 kWh/day

**Pharmacy Refrigerator
HYC-341GD**

- Temperature uniformity: $\pm 2^{\circ}\text{C}$
- Internal LED lighting
- Low noise level: 38dB(A)
- Low power consumption: 1.4 kWh/day
- Reversible door (left/right convertible for user installation)
- Stainless steel interior available as an option

**Smart Blood Bank Refrigerator
HXC-629B**

- Smart touchscreen controller with NFC card access and optional fingerprint module
- Consistent and reliable temperature performance of 2°C -6°C
- Frequency conversion technology with adaptive control
- Environmentally-friendly and energy efficient HC refrigeration

**Pharmacy Refrigerator
HYC-461GD**

- Eco-friendly hydrocarbon refrigerant (R600a) and CFC- free polyurethane insulation
- Microprocessor controller, digital display with 0.1°C resolution

**Pharmacy Refrigerator
HYC-701GD/FD/GT/FT (launch in M9 2026)**

- 6.7-inch touch screen (optional for D series)
- Internal temperature: 2-16°C
- Reversible left/right door
- Temperature uniformity: $\pm 1.5^{\circ}\text{C}$
- Standard USB port

**Pharmacy Refrigerator
HYC-85GD/85FD**

- Excellent performance: temperature uniformity $\leq \pm 1^{\circ}\text{C}$
- Hermetically sealed compressor, forced-air circulation and automatic defrost to ensure high cooling performance
- Microprocessor controller, display with resolution of 0.1°C



Pharmacy Refrigerator
HYC-130GD/130FD

- Excellent performance: temperature uniformity $\leq \pm 1.5^{\circ}\text{C}$
- Hermetically sealed compressor, forced-air circulation and automatic defrost to ensure high cooling performance
- Microprocessor controller, display with resolution of 0.1°C

Pharmacy Refrigerator
HYC-639

- Energy-saving: 70mm thick insulation, optimized cooling, $\lt; 3\text{ kWh}$ daily power consumption
- Eco-friendly: HC compressor/refrigerant, cyclopentane foam, RoHS compliant
- Uniform cooling: Dual fans & fin evaporator, temp uniformity $\pm 2^{\circ}\text{C}$
- Low noise: Optimized structure, $\leq 41\text{dB}$ operational sound
- Multi-sensor safety: 6 built-in sensors for precise & reliable temperature monitoring

Combined Refrigerator and Freezer
HYCD-469A

- Inverter-driven, energy-efficient compressor
- Eco-friendly: HC refrigerant, CFC-free foam complying with RoHS
- Precise & uniform cooling: $\pm 3^{\circ}\text{C}$ ($2\text{--}8^{\circ}\text{C}$ fridge)/ $\pm 5^{\circ}\text{C}$ ($-10\text{--}40^{\circ}\text{C}$ freezer), adjustable shelves
- Stainless steel liner: corrosion-proof & easy sanitization
- Smart control: digital readout, multi-alarm (48h backup alert); USB + optional printer

CO₂ Incubator with 180°C Dry-heat Sterilization
HCP-80B/168B/258B

- Precise and accurate Temperature Control
- Precise CO₂ Concentration Using New IR Sensor Control Technology
- Fast Environment Recovery for Optimal Cell Growth
- 180°C Dry-Heat Sterilization Technology Minimises Contamination
- Interactive Intelligent Display with Easy Touch Operation
- Optional O₂ Module

Spark Free Refrigerator
HLR-310FL

- 3-16°C setting temperature range
- Internal temperature uniformity $\pm 3^{\circ}\text{C}$ (setting temperature at 5°C)
- One-touch search for historic data
- ATEX rated, certified spark-free

Combined Refrigerator and Freezer
HYCD-319A

- Dual independent compartments: $2\text{--}8^{\circ}\text{C}$ fridge (glass door+LED) & $-40\text{--}10^{\circ}\text{C}$ freezer
- Eco construction: R600a/R290 refrigerant, CFC-free insulation
- Stainless Steel interior: Corrosion-proof & easy cleaning
- Precision control: Digital display, multi-alarm with remote contact
- Reliable cooling: $\pm 3^{\circ}\text{C}$ (fridge)/ $\pm 5^{\circ}\text{C}$ (freezer); USB+optional printer for data storage



YDD Stainless Steel Biobank Series

- YDD-350-326(13K)/YDD-370-326(16K)/YDD-450-326(21K)/
YDD-550-445(27K)/YDD-750-445(38K)/YDD-850-465(43K)/
YDD-1300-635(59K)/YDD-1600-635(76K)/YDD-1800-635(95K)
- Massive capacity between 13,000 to 94,875×2ml Vials
 - Vapour phase storage at -190°C prevent crosscontamination
 - Supplied with intelligent Cryosmart liquid nitrogen system monitoring and control solution
 - One-touch defogging for easier access
 - LN₂ splash proof design for safer operation

YDS Medium Sized Storage Series
(Square Racks)

- YDS-65-216/YDS-95-216/YDS-115-216/YDS-95-216/
YDS-65-216/YDS-145-216/YDS-175-216
- Heavy duty lockable enclosure offers excellent security
 - Compatible with all major cryobox brands
 - Durable aluminium construction
 - Real-time monitor of temperature and fluid level
 - Liquid or vapour phase option available
 - High thermal efficiency
 - Ultra-low evaporation loss
 - 5 year vacuum warranty



YDS High Capacity Series for Storage or Transport
(Round Canisters)

YDS-2-35/YDS-6/YDS-10/YDS-10-125/YDS-15/YDS-20-LYS/
YDS-30-80-LYS/YDS-35-80-LYS/YDS-30-125/YDS-35-125/
YDS-47-127/YDS-50-125

- Strong and lightweight aluminium construction
- Heavy duty lockable enclosure offers excellent security
- Numbered index location points for canisters
- Straw storage
- LN₂ dispense pump available
- Roller bases available
- High thermal efficiency
- Ultra-low evaporation loss
- 5 year vacuum warranty

Dryshipper Series LN₂ Solutions

YDH-3/YDH-6-80/YDH-10-125/YDH-15-216/YDH-25-216

- Straw and cryovial storage options
- Rugged and durable aluminium construction
- Designed to ensure no LN₂ spillage
- Vapour phase cryogenic storage
- Lockable lids
- 3 years vacuum warranty

LN₂ Transport Trolley
YDC-3000H

- Touch screen LCD, easy to operate
- Real-time monitoring
- The instrument monitors the temperature and liquid level in real time and displays the expected remaining service time. Continuous working hours up to 24 hours
- The insulation cover can be magnet absorbed to the side of vehicle, which is convenient to extract, and the space reserved at the bottom can be used to store other tools

Automation Filling Aluminum Alloy Tank
CryoBio 6S

- Low liquid nitrogen consumption 1.5L/day
- Accurate real-time monitoring
- The autofill function can eliminate the need for manual filling and associated health safety risks

Cryovial Transfer Flask
Bio-2T

- Lightweight design Lightweight design of the product, the total empty weight is only 3kg
- Temperature display Visual real-time temperature monitoring, and the instrument part is dustproof and waterproof
- Multi-specification compatibility Compatible with 1.2ml, 1.5ml, 1.8ml, 2.0ml and 5.0ml sample storage tubes
- High thermal insulation performance
- No liquid nitrogen overflow

Intelligent Liquid Nitrogen Biological Container
CryoBio 11Z/CryoBio 20Z/CryoBio 34Z

- Enhanced Sample Retrievability via Hydraulic Top-Loading Design
- Smart & Remote Monitoring
- Anti-Frost Venting Structure for Reduced Ice Accumulation

Smart Cap
LT-125

- Independent, high accuracy measuring system for liquid level and temperature
- Real time display of level and temperature
- Built-in high efficiency lithium battery for longevity



Consumables

Biobank Series

- Freezer Racks
- General Cryotubes
- Barcoded Cryotubes
- Cryoboxes
- Tube Picker
- Batch Scanner

Molecular Biology Series

- PCR Plate
- PCR Tube
- Microplates & Deepwell Plates
- Magnet Rod Sleeve
- ELISA Plates (no lid)
- Sealing film

Liquid Handling Series

- Pipette Tips
- Centrifuge Tubes
- Serological Pipettes
- Pasteur Pipettes
- Square Media Bottles

Cell Biology Series

- Cell Culture Plate
- Cell Culture Flask
- Cell Culture Dish
- Petri Dish
- Erlenmeyer Flask
- Paraffin Sealing Film

