Your Haier Biomedical Partner

Haier Biomedical

Intelligent Protection of Life Science



Cold Chain Transportation Solutions

Qingdao Haier Biomedical Co.,Ltd.

No. 280 Feng Yuan Road, High-tech Zone Qingdao, 266109, P.R. China E-mail: inquiry@haierbiomedical.com Website: www.haiermedical.com













Haier Biomedical International



CONTENT

| Temperature Range 0~25°C Active Temperature Controlled RKN Container 03 |
|--|
| Temperature Range 0~10°C |
| Transport Cooler for Biological Products 05 |
| Vaccine Transport Cooler |
| Medical Transport Cooler 12 |
| Biosafety Transport Container 13 |
| Temperature Range-20~10°C |
| Portable Transport Cooler 14 |
| Cold Chain Transport Cooler 15 |
| |
| Temperature Range -25~25°C |
| Intelligent Control Cold Chain Transport Cooler 17 |

Chain Transportation Solutions

Temperature Range 0~25°C

Scope of Application

This product is applicable for international aviation cold chain transportation of drugs, vaccines, medicines, biological products, raw materials, high-end fresh food and other products which require strict temperature control.



Product Advantages



Robust construction with advanced technology to ensure reliable quality and stable performance



Prevent internal temperature deviation and ensure the temperature uniformity under extreme environmental temperature changes



Superior internal temperature uniformity



Cost-effective performance

Active Temperature Controlled RKN Container

Specifications

| | Model | | RKN-AT1 | | | |
|------------------------------------|---|----------|---|--|--|--|
| | Supports automatic s | | g between external AC power supply and built-in battery power supply, ch is convenient to use and simple to operate | | | |
| Power | Recharging power supply | | 100-240V AC, 50-60Hz | | | |
| | Maximum charging time (h) | | 10 (fast charging) | | | |
| | Maximum power during chargi | ing (w) | 1,100 | | | |
| | | presso | ent system, developed independently, achieves accurate temperature r refrigeration and electric heating innovative air circulation system to fectively balance the temperature difference | | | |
| | Temperature range | | 0°C~+25°C (+32°F to +77°F) | | | |
| Temperature Control Performance | Internal temperature tolerance | | At set temperature +2°C~+10°C (+35.6°F to +50°F), Tolerance +/-3°C (+/-5.4°F) At set temperature +10°C~+20°C (+50°F to +68°F), Tolerance +/-5°C (+/-9°F) | | | |
| | Battery capacity | | When the ambient temperature is 25°C (77°F), the set temperature is 5°C (41°F), the container can operate for more than 50 hrs. | | | |
| | Operating ambient temperatu | ire | -20°C~+43°C (-4°F to +109.4°F) | | | |
| | Storage ambient temperature | | -40°C~+55°C (-40°F to +131°F) | | | |
| | Internal effective volume | | 2m³ (70.6 foot³) | | | |
| | Exterior dimensions (L*W*H) | mm | 2005*1534*1620 | | | |
| | | in | 78.9*60.4*63.8 | | | |
| Construction | Interior dimensions (L*W*H) | mm | 1294*1273*1264 | | | |
| | | in | 50.9*50.1*49.8 | | | |
| | | mm | 1294*1264 | | | |
| | Door opening (L*H) | in | 50.9*49.8 | | | |
| | | kg | 650 | | | |
| | Tare weight | lbs | 1433 | | | |
| Weight | Operational maximum | kg | 1588 | | | |
| Weight | gross weight | lbs | 3500 | | | |
| | Marrian | kg | 938 | | | |
| | Maximum payload | lbs | 2067 | | | |
| Data Recording | Data recording function | on: inte | ernal and external temperature, door opening times, alarm information through USB port | | | |
| Others | Applicable Aircraft Models: B747, B777, B787, A330, A340, A350, A380 | | | | | |
| Note | Tare weight and | d maxir | num payload might vary due to load variations and maintenance | | | |

Product appearance and specifications are subject to change without notice

•03•

Transport Cooler for Biological Products

Temperature Range 0~10°C

Active Cooling Solution





HZY-8Z/8ZA

HZY-15Z/15ZA

- Accurate control of the temperature between 2-6°C
- PCM ice raft
- Constant temperature range (4±1°C)
- · Complete process with cold chain monitoring
- Replace the traditional Insulation method with haier's transport cooler for transport
- Blood from blood transfusion department to clinical blood transfusion point

*

Low Noise

The ultra-quiet fan is equipped with air outlets on both sides, noise level less than 34 dB providing a more comfortable environment.



Air Duct Structure



Easy to Clean

 The inner liner adopts aluminium oxidation process to make it smooth inside and easy to clean.



Internal Structure

Product Features

Semiconductor for active cooling, energy saving and environmental protection.

• Connect to power to cool unit to temperature, during transportation (without power) the unit will hold temperature. Small and easy to carry.

 $2{\sim}6\,^{\circ}\text{C}$ precise temperature control, suitable for storage of biological products such as blood, medicines and reagents etc.

• Temporary blood storage to ensure blood safety at clinical blood stations.

Transport Cooler for Biological Products

Embedded with 4 °C phase change PCM ice pack for cold storage, providing long insulation after power off to ensure blood safety during the transportation.



- The PCM ice pack uses a 4°C phase change material with a freezing point greater than 2°C to ensure the low temperature preservation of blood and other biological samples.
- 4°C PCM Ice Pack
- At 25 °C under no load, the time for temperature inside the box rises to 10 °C is more than 1 hour.
- At 25 °C under full load, the time for temperature inside the box rises to 10 °C is more than 2 hour.

Multiple Fault Alarms, Making It Safer to Use.

• High/low temperature alarm, power failure alarm, and sensor error alarm.

The Power Supply Is Configured with Cigarette Lighter Plug, Easy for Vehicle Transportation.

• The power supply is configured to fit the vehicles internal power plug, easy for vehicle transportation.

Passive Cooling Solution

- Multi-function handle with casters for easy transportation
- Multi dimensional binding of orders and blood, and whole process with cold chain monitoring
- From blood collection vehicle/blood donation house to blood center/blood station from blood center/blood station to hospital

Product Features

- LCD screen, real-time display of inside temperature, battery level and other information
- Electromagnetic lock as standard, ability to scan QR code to open the unit, safeguarding the stored items.
- 4°C ice pack ensures cool storage temperatures with zero freezing to keep blood within safe storage temperature guidelines during transportation.



HZY-5B



Product Features

- Real-time display of inside temperature.
- Integrated cold storage ice pack box, easy to access ice pack.
- Rotational moulding shell, anti-knocking, easy to carry.
- Multifunctional handle, sided casters, easy to be transported on flat road.

• 05 •

Transport Cooler for Biological Products

Specifications







| | Model | HZY-5B | HZY-8Z | HZY-15Z | |
|---------------|-----------------------------------|---|---|--|--|
| Technical | Storage Temperature (°C) | / | 2-6 | 2-6 | |
| Data | Operating Temperature (°C) | 2~10 | 2~10 | 2~10 | |
| | Net / Gross Weight (kg) | 2/3 | 3.5/5 | 6/8 | |
| | Exterior Dimensions (W*D*H mm) | 2859*186*200 | 320*265*260 | 520*300*270 | |
| Construction | Interior Dimensions (W*D*H mm) | 220*118*126 | 230*140*170 | 430*150*180 | |
| | Packing Dimensions (W*D*H mm) | 357*277*287 | 393*362*367 | 595*375*404 | |
| | Blood Bag Capacity | 5 | 8 | 15 | |
| | Foam material | High density foam | Polyurethane Cycloisopentane | Polyurethane Cycloisopentane | |
| | Refrigeration method | Passive cooling | Semiconductor active refrigeration | Semiconductor active refrigeration | |
| Functions | Warm up time | 3 hours (32°C ambient temperature load situation) | 2 hours (32°C ambient temperature load situation) | 2 hours (32°C ambient temperature load situation) | |
| Functions | Shell/liner | ABS/ABS | ABS/aluminium plate | ABS/aluminium plate | |
| | Alarm Low Battery | | High temperature, sensor error, power off | High temperature, sensor error, power off | |
| | Battery | Lithium Battery | Rechargeable lithium battery | Rechargeable lithium battery | |
| Certification | CE | / | Y | Y | |







| | | | | - |
|-------------------|-----------------------------------|---|---|---|
| | | HZY-8ZA | HZY-15ZA | HZY-35B |
| Technical Data | Storage Temperature (°C) | 2~6 | 2~6 | / |
| Data | Operating Temperature (°C) | 2~10 | 2~10 | 2~10 |
| Construction | Net / Gross Weight (kg) | 4/5 | 6/8 | 9/12 |
| | Exterior Dimensions (W*D*H mm) | 320*265*260 | 520*300*270 | 550*328*370 |
| | Interior Dimensions (W*D*H mm) | 230*140*170 | 430*150*180 | 450*232*295 |
| | Packing Dimensions (W*D*H mm) | 393*362*367 | 595*375*404 | 674*455*490 |
| | Blood Bag Capacity | 8 | 15 | 35 |
| | Cold Chain Monitoring | Y | Y | / |
| | NFC Unlock | / | Y | / |
| | Foam material | Polyurethane Cycloisopentane | Polyurethane Cycloisopentane | Polyurethane Cycloisopentane |
| | Refrigeration method | Semiconductor active refrigeration | Semiconductor active refrigeration | Passive cooling |
| Functions | Warm up time | 2 hours (32°C ambient temperature load situation) | 2 hours (32°C ambient temperature load situation) | 6 hours (43°C ambient temperature load situation) |
| | Shell/liner | ABS/aluminium plate | ABS/aluminium plate | HDPE/HDPE |
| | Alarm | High temperature, sensor error, power off | High temperature, sensor error, power off | / |
| | Battery | Rechargeable lithium battery | Rechargeable lithium battery | Button battery |
| Certification | CE | / | / | Y |

Product appearance and specifications are subject to change without notice

•08 •

The virus is high-risk specimen, and if there is collision during the transportation or transmission, there will be

a risk of leakage and re-infection. A solution is urgently needed to ensure the viability of the samples and the

Product Advantages



Active semiconductor cooling, energy saving and environment friendly

Transport Cooler for Infectious Products

Active semiconductor cooling, energy saving and environmental protection, built-in cooling function, cooling after power on.



Precise temperature control

Precise temperature control at 2° C $^{\circ}$ C is suitable for the temporary storage of biological products such as serum and blood specimens.



Built-in, 4°C phase change PCM, ice row cooling, long-term insulation after power failure, to ensure the safety of specimen

Under the condition of no load at 25°C, the temperature of the air in the box rising to 10° C takes 1 hour; under the loading condition of 25° C, the air temperature in the box rising to 10° C takes 2 hours.



Multiple fault alarms, safer to use

High and low temperature alarm, power failure alarm, sensor error alarm.



The power supply is equipped with a car cigarette lighter plug, which is convenient for vehicle transport

The power supply can support 12V and 100~240V conversion, so the container can be put into the car to plug in and transfer.

Packaging System

safety of transport personnel.

Three-layer packaging:

according to business)

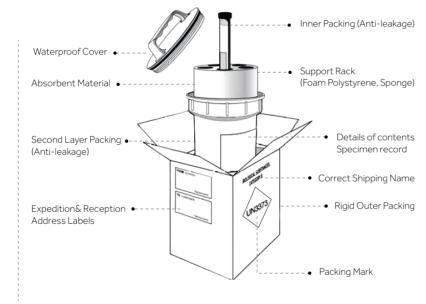
• Main container Test tube with cap (user configures

Transport Cooler for the Infectious Material

• Auxiliary container ≥95kPa pressure sealed tank (EPS or EPE bracket for fixing test tube, 16 hole D10 test tube and 2 hole D15 test tube)

Outer packaging

Transfer box (ice row, foam used to fix sealed container, activated carbon and other adsorbed substances, sample labeling)



Active Cooling II



HZY-8Z (Specimen)



HZY-15Z (Specimen)

Auxiliary Container



HZY-8Z (Specimen)



HZY-15Z (Specimen)



Pressure sealed tank (EPS or EPE holder for fixing test tubes, 16-hole D10 test tube and 2-hole D15 test tube)

The pressure-sealed tank remains intact at the temperature of the refrigerant used, as well as the temperature and pressure that may occur after loss of refrigeration. Under the condition of no leakage, it can withstand the internal pressure of 95kPa, and can ensure that it will not be damaged in the temperature range of -40° C to $+55^{\circ}$ C.

• 10 •

The vaccine transport cooler is superior and efficient, having dual capabilities for cold storage and temperature preservation, which is environmentally friendly and energy saving. The performance of the cooler and holdover time of temperature preservation is influenced by the temperature of the stored items.

6 Liter/12 Liter/20 Liter/30 Liter

Scope of Application > Suitable for vaccine cold chain transportation.

Product Design and Advantages

- Both inside and outside of the boxes are made of PP (high strength plastic) material, non-toxic and harmless, safe for direct food contact.
- The body of the unit is designed with handles on both sides to facilitate manual handling & is manufactured with anti-ultraviolet materials.
- The wall of the box is filled with fluorine-free polyurethane foam insulation material without adding any chemical material, environment-friendly and odor-free.
- Equipped with professional sealing ring design, with good heat insulation and refrigeration effect.

Specifications









| Model | QBLL0606 | QBLL0812 | QBLL0820 | QBLL0830 |
|---------------------------|--------------------------|--------------------------|---------------------------|--------------------------|
| Temperature Range (°C) | 2-8 | 2~8 | 2~8 | 2~8 |
| Volume (L) | 6 | 12 | 20 | 30 |
| Exterior Dimension (mm) | 330*240*275 | 420*245*300 | 440*262*308 | 580*310*360 |
| Interior Dimension (mm) | 238*143*195 | 335*170*240 | 375*215*250 | 475*245*295 |
| Net Weight (Kg) | 1.8 | 2.4 | 3.5 | 4.5 |
| Material | PP | PP | PP | PP |
| Cold Source Configuration | 6 pieces QB004 ice boxes | 6 pieces QB004 ice boxes | 10 pieces QB004 ice boxes | 6 pieces QB010 ice boxes |

 $Remark: QB004 \ and \ QB010 \ are \ models \ of ice \ packs, the \ dimension \ of \ QB004 \ is \ 160^*90^*30 \ mm \ and \ the \ dimension \ of \ QB010 \ is \ 280^*120^*30 \ mm$



 $\label{thm:eq:high-strength} \mbox{High strength material, anti-collision, non-toxic and harmless,} \mbox{UV resistant.}$



The outer-unit body is equipped with an integrated handle, which is firmly installed and durable.



Real-time display of temperature inside the cooler, making the temperature monitoring more intuitive.



Specially positioned ice packs, partitioned storage, easy to operate.



Professional & innovative sealed design ensuring zero cold leakage to achieve safe, secure and reliable long-term cooling preservation.

Typical Application

Cold chain transportation for samples, reagents, blood products, specimens and drugs.

Specifications

| Model | FS-12LS | FS-18LS | FS-35LS | FS-54LS | FS-100L | FS-110L |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Temperature Range (°C) | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 |
| Duration (h) | ≥24 | ≥24 | ≥24 | ≥24 | ≥24 | ≥24 |
| Exterior Dimensions (W*D*H)(mm) | 425*262*305 | 425*262*305 | 570*305*365 | 615*415*450 | 800*440*440 | 870*520*400 |
| Interior Dimensions (W*D*H)(mm) | 325*170*225 | 363*203*244 | 475*245*270 | 510*315*355 | 700*385*340 | 790*460*330 |
| Qty of Icepacks (Pcs) | 4 | 4 | 4 | 3 | 6 | 8 |
| Net Weight (kg) | 4.8 | 5.2 | 7.5 | 15 | 19.6 | 24 |
| Others | CE | CE | CE | CE | CE | CE |

 $Note: -25^{\circ}C - -15^{\circ}C \text{ and } 15^{\circ}C - 25^{\circ}C \text{ are available with optional ice packs.} The standard ice packs can only achieve 0-10^{\circ}C \text{ temperature storage.} \\$

•11•

Biosafety Transport Container

Portable Transport Cooler

Temperature Range -20~10°C



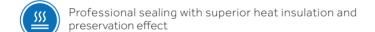
















FS-12 18 35 54LS

Technical Parameters

| Model | FS-12LS | FS-18LS | FS-35LS | FS-54LS |
|--|-------------|-------------|-------------|-------------|
| Temperature Range (°C) | 2-10°C | 2-10°C | 2-10°C | 2-10°C |
| Duration (H) | ≥24h | ≥24h | ≥24h | ≥24h |
| Exterior Dimensions (W*D*H) (mm) | 425*262*305 | 425*262*305 | 570*305*365 | 615*415*450 |
| Interior Dimensions (W*D*H) (mm) | 325*170*225 | 375*215*250 | 475*245*270 | 510*315*355 |
| QTY of Sealed Tanks (Pcs) | 2 | 3 | 5 | 14 |
| QTY of Samipling Tubes (Pcs) | 40 | 60 | 100 | 280 |
| Qty ofice packs (Pcs) | 4 | 4 | 8 | 3 |
| Net Weight (include ice packs) (Kg) | 5.2 | 6.5 | 9 | 20 |
| Others | CE | CE | CE | CE |



Low voltage battery protection



LED lighting



Widescreen LCD display



Real-time voltage display



Detachable temperature



Standard basket



BCD60

ALG50

Low voltage battery protection



LED lighting



Detachable temperature sensor



Widescreen LCD display



Real-time voltage display



BCD115



Low voltage battery protection





Detachable temperature



Real-time voltage



Widescreen LCD display

Specifications

| Model | | ALG50 | BCD60 | BCD115 | |
|--------------------------------|----|---------------------|---------------------|---------------------|--|
| Capacity (L) | | 50 | 60 | 115 | |
| Climate Type | | T, ST, SN, N | T, ST, SN, N | T, ST, SN, N | |
| Net Weight (Kg) | | 16.7 | 24.0 | 28.6 | |
| Operating Temperature (°C) | | -20~+10 (at 25°C) | -18~+10 (at 32°C) | -18~+10 (at 32°C) | |
| Power (W) | | 55 | 70 | 70 | |
| Refrigerant | | R134a | R134a | R134a | |
| Insulation Material | | C5H10/C-Pentane | C5H10/C-Pentane | C5H10/C-Pentane | |
| Exterior Dimensions (W*D*H) | mm | 630*404*530 | 621*485*569 | 811*482*672 | |
| Packing Dimensions (W*D*H) | mm | 715*450*625 | 718*578*638 | 906*575*745 | |
| Voltage Power Supply | | AC110-240V, 50/60Hz | AC110-240V, 50/60Hz | AC110-240V, 50/60Hz | |
| voltage i owel supply | | DC 12V/24V | DC 12V/24V | DC 12V/24V | |
| Power Consumption (kWh/24h) | | 0.23 | 0.25 | 0.25 | |

• 13 **•** · 14 ·

Cold Chain Transport Cooler

Active Cooling

Product Advantages

DC Frequency Conversion Technology

DC frequency conversion compressor, superior energy efficiency.

Tilt Protection Function

Electronic gyroscope in board, effective protection for compressors.

Integrated Main Body

 ${\it Rotational\ molding\ body\ better\ adapted\ to\ complex\ transport\ environments}.$

HZY-40Z

Multiple Power Supply

Supports AC and DC power.

Unique Designs



The body and door use integrated roto molding.



Using environmental LBA CFC-free foaming materials, thermal insulation performance is increased by up to 5%.



The body is equipped with a handle for easy carry.



Optional: Casters to facilitate transport.

(a)

Optional: Electromagnetic lock, with password lock equipped; more secure.



Forced air cooling method, the temperature is more uniform.



Built-in UVC ultraviolet lamp for regular disinfection.



3 in 1 wide temperature range, multiple functions within one unit, greater cost savings.

Specifications

| Model | Exterior Dimension (W*D*H)(mm) | Interior Dimension (W*D*H)(mm) | Capacity (L) | Door | Foam Materials | Compressor | Basket Load Bearing(KG) | | | Condenser/ Evaporator |
|---------|-----------------------------------|-----------------------------------|-----------------|--|-------------------|--|----------------------------|--------------------------------------|----------|---------------------------|
| HZY-40Z | 800*550*505 | 338*348*285 | 33 | Rotational moulding integrated forming foam door | LBA | DC variable frequency compressor | ≤35 | Forced air cooling and heating | moulding | Microchannel/ Fin type |

| Controller | Refrigerant | Light | UV Lamp | Net Weight (KG) | Temperature Range (°C) | Power Supply | Max power (W) | Power Consumption (Kwh/24h) | Electromagnetic Lock | USB |
|----------------|-------------|--------|---------|--------------------|---------------------------|------------------------------------|------------------|-----------------------------------|-------------------------|---------|
| Microprocessor | HFC | LED 1W | UVC 1W | 42 | -20 to 22 | AC 110-240V 50/60Hz DC12/24V | 90 | 1.5 | Optional coded lock | Optiona |

•15 •

Intelligent Control Cold Chain Transport Cooler

Temperature Range -25~25°C



Product Advantages



Check the insulation status at any time

Real-time upload setting parameters, operation parameters, operation curve, alarm record and event record. Monitor the operation of the transport cooler through the UCool system to visualize the complete process and traceability of information.



Stable performance, long service life

The product adopts VIP insulation technology which has an insulation performance of 5-8 times that of polyurethane foam, and significant extended time temperature control that handles the changing transportation conditions and environment; It has long service life by adopting nanometer core material.



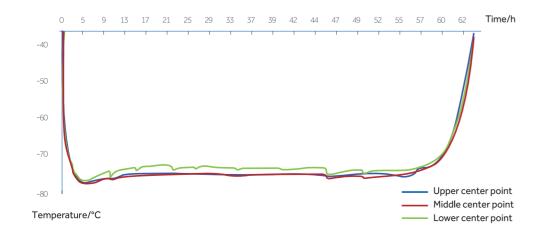
Light weight, easy to carry

Lightweight with ergonomic design is easy to carry.



VIP
PCM ice pack
Hollow outer box

BW25-8A/12A/18A/36A/64A BW50-12A/36A



Temperature Curve Data: 150hrs 40 30 20 10 -10 -20 -30 -40 -50 0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102 108 114 120 126 132 138 144 150 Time/h Upper center point Dry-bulb temperature Wet-bulb temperature

Specifications

| Model | BW25-8A | BW25-12A | BW50-12A | BW25-18A | BW25-36A | BW50-36A | BW25-64A |
|--|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Temperature Range (°C) | -25~-15/2~8/ 15~25/-90~-60 |
| Exterior Dimensions (W*D*H)(mm) | 455*295*295 | 410*345*355 | 470*400*410 | 510*350*355 | 515*450*460 | 575*510*510 | 590*525*525 |
| Packing Dimensions (W*D*H)(mm) | 546*381*389 | 504*436*444 | 560*492*500 | 607*439*447 | 609*541*549 | 665*597*605 | 679*611*619 |
| Interior Net Dimensions (W*D*H)(mm) | 310*215*215 | 270*270*270 | 270*270*270 | 370*270*270 | 370*370*370 | 370*370*370 | 440*440*440 |
| Payload Size (with ice pack)(mm) | 270*175*175 (8L) | 230*230*230 (12L) | 230*230*230 (12L) | 330*230*230 (18L) | 330*330*330 (36L) | 330*330*330 (36L) | 400*400*400 (64L) |
| Net Weight (kg) | 4 | 4.8 | 9.8 | 5.6 | 8.2 | 16.4 | 11 |
| Gross Weight (kg) | 6 | 6.8 | 12.5 | 8.2 | 11.2 | 20 | 14.8 |
| Recorder Monitoring | Optional |
| Heat Insulating Material | VIP |
| Insulation Thickness (mm) | 25 | 25 | 50 | 25 | 25 | 50 | 25 |
| Daily Consumption of Dry Ice (kg) | 1.5 | 1.6 | 0.75 | 1.85 | 2.5 | 1.5 | 2.7 |
| Safety Margin (kg) | 1 | 1 | 1 | 1 | 2 | 2 | 2 |

 $Note: The safety margin is the minimum amount of dry ice required to keep the temperature in the box not higher than -70 ^{\circ}C.$

• 17 •

Temperature Range -25~25°C



Scope of Application

Suitable for refrigerated transportation of vaccines and biological products, samples, reagents, blood products, specimens and medicines.



BW25-12B/36B/64B/55B

Product Advantages



Stable performance, long service life

Vacuum insulation technology, ultra low thermal conductivity, ultra long insulation time



Phase change cold storage, support multi-temperature range

It can be compatible with - 25-15°C, 2-8 °C and 15-25°C temperature ranges, and can be recycled



Intelligent IoT is optional, and the whole process can be traced



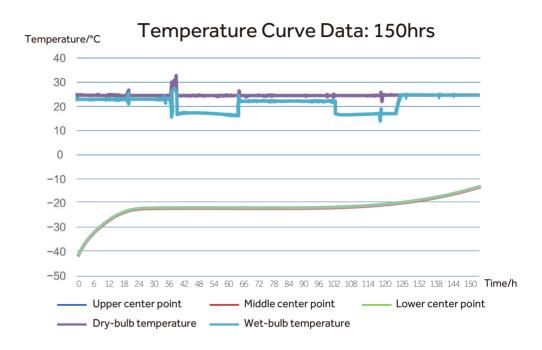
Equipped with built-in handle for easy handling



Six sided assembly structure is adopted for convenient maintenance

Six sided assembly structure is adopted for convenient maintenance

Temperature Curve



Specifications

| Model | BW25-12B | BW25-36B | BW25-64B | | | |
|------------------------------------|-------------------|-------------------|-------------------|--|--|--|
| Temperature Range (°C) | -25~-15/2~8/15~25 | -25~-15/2~8/15~25 | -25~-15/2~8/15~25 | | | |
| Exterior Dimensions (W*D*H mm) | 410*345*355 | 515*450*460 | 590*525*525 | | | |
| Packing Dimensions (W*D*H mm) | 504*436*444 | 609*541*549 | 679*611*619 | | | |
| Interior net Dimensions (W*D*H mm) | 270*270*270 | 370*370*370 | 440*440*440 | | | |
| Payload Size (with ice pack) (mm) | 230*230*230 (12L) | 330*330*330 (36L) | 400*400*400 (64L) | | | |
| Net Weight (kg) | 5.8 | 9.5 | 13 | | | |
| Gross Weight (kg) | 7.8 | 12.5 | 16.8 | | | |
| Recorder Monitoring | Optional | Optional | Optional | | | |
| Heat Insulating Material | Fiberglass VIP | Fiberglass VIP | Fiberglass VIP | | | |
| Coolinng Way | Passive cooling | | | | | |
| Coolant Type | PCM | | | | | |
| Duration Time | 48h | 72h | 72h | | | |

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

•19•