

Haier Biomedical Americas Cases for COVID-19 Product Solutions



The United States

Haier Biomedical Teams up with Pharmacy Chain Giant Albertsons to Assist the United States COVID-19 Vaccination Program!

The Albertson Group, a giant in the food and drug industry with approximately 4,000 pharmacies in their chain network across the United States, is closely cooperating with local, state and federal institutes to help the United States' COVID-19 vaccination program and provide local residents with online COVID-19 vaccination appointments and offline stores vaccination services.



In response to huge local demand for vaccine storage, the Albertsons Group urgently procured a batch of Undercounter ULT Freezers from Haier Biomedical for the storage of Pfizer vaccines. After receiving the order requirement, Haier Biomedical responded quickly to schedule the order and deliver in a timely manner, and now the products have successfully arrived in US and have been distributed to major local stores for use.

It is worth mentioning that, Haier Biomedical has received positive feedback and praise from end users and customers due to its reliable product quality and perfect delivery service through this cooperation, which has established a solid foundation of trust for further cooperation between Haier Biomedical and the Albertsons Group, and the two parties are currently negotiating the procurement of additional biomedical freezer storage equipment for their network of stores.

Haier Biomedical's -86°C ULT Freezer DW-86L100J is designed with an advanced microprocessor control system, -40°C--86°C wide temperature range, superior insulation performance and perfect safety alarm system, which can provide users with a suitable, safe and reliable storage environment. At the same time, its ultra-low noise output, compact size and stackable design enables it to be placed on/under the counter or self-stacking, helping users optimize space utilization and accurately arrange the number of devices according to actual individual storage needs.

Haier Biomedical, insisting on intelligent protection of life science and being empowered by technology, is committed to delivering the optimum vaccine cold chain complete solutions globally, safeguarding vaccine safety for millions of people!

Brazil

Haier Biomedical TwinCool ULT Freezer Praised in Brazil!

Recently, Haier Biomedical's TwinCool ULT Freezer was successfully installed at the Hospital Inglês Charles Miller in Brazil. With its advanced refrigeration system and superior performance, the TwinCool ULT Freezer has been unanimously affirmed and recognized by the end users. Professor Dra. Rosaura Saboya highly praised the product, saying that "it's really good and I love it!"

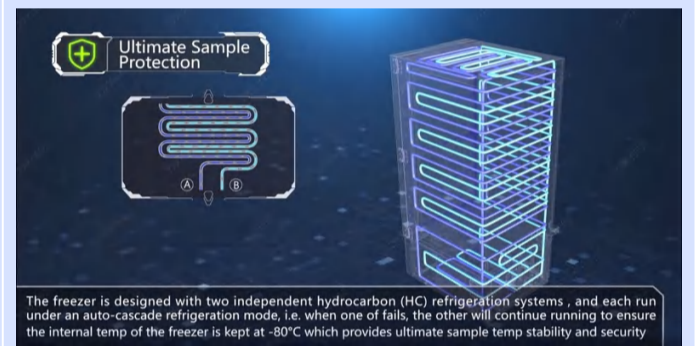


Also, Haier Biomedical's Blood Refrigerators and other products were procured at the same time, the team at Haier Biomedical will continue to work closely with Brazilian health networks and provide relevant user product training as well as after-sales service support.

Haier Biomedical's TwinCool ULT Freezer is known for its safety and it is designed with the world-leading hydrocarbon refrigeration technology to ensure the safety of samples.

Dual Independent Refrigeration Systems for Maximum Sample Safety

The TwinCool ULT Freezer offers the highest level of protection for valuable samples which require strict and continuous storage conditions. Its dual refrigeration systems run independently and alternately, so that if one system fails, the other will maintain the cabinet temperature at -80°C to ensure the safety of stored samples.



The freezer is designed with two independent hydrocarbon (HC) refrigeration systems, and each run under an auto-cascade refrigeration mode. i.e. when one of fails, the other will continue running to ensure the internal temp of the freezer is kept at -80°C which provides ultimate sample temp stability and security.

Smart Full-Size Touch Screen

The 10-inch touch screen with HB's new 'User Interaction' (UI) smart design sample management matching system, providing better interaction experience for users.



Fast Pull-Down

Haier Biomedical's TwinCool ULT Freezer utilizes auto-cascade hydrocarbon (HC) refrigeration technology to deliver fast temperature pull down. It takes just 180 minutes to reach -80°C at the ambient temperature of 25°C. It provides a quick temperature recovery after door opening, with the internal temperatures returning to -75°C within 1 minute, guaranteeing safety of samples.

World-Leading Energy Saving Refrigeration Technology

The combination of the HC refrigeration technology and the super-insulation technology can increase the insulation efficiency by 30%, obtaining the U.S. Energy Star certification.

ENERGY STAR CERTIFIED Lab Grade Refrigerators and Freezers	
Haier - DW-86L578ST : DW-86L578ST	
Specifications	
ENERGY STAR Partner:	Qingdao Haier Biomedical Co., Ltd
Brand Name:	Haier
Model Name:	DW-86L578ST
Model Number:	DW-86L578ST
Product Type:	Ultra-Low Temperature Freezer
Total Volume (cubic feet):	20.46
Ultra-Low Temperature Freezer Energy Consumption (kWh/day@-80°C):	0.47
Peak Temperature Variance (°C):	14.4
Product Form Factor:	Upright
Total Number of Doors:	1
Number of glass doors:	0
Number of solid doors:	1
Door Opening Orientation:	Swinging Left
Handles:	4
Number of Internal Ports and/or Access:	4
Number of Drawers or Shelves:	3
Depth (in):	39.29
Height:	77.95
Width:	35.24
Defrost Type:	Manual
Refrigerant Type:	R-600a
Refrigerant Type Other:	R1150/R50
Installed Accessories:	N/A
Date Available on Market:	2019-12-30
Date Qualified:	2019-12-31
Markets:	United States, Canada
ENERGY STAR Certified:	Yes
Additional Model Information	
...208-230V 50Hz	

Multi-Terminal Interconnection Monitoring, Keeping Samples Safe at All Times

The running status of the freezer can be monitored on the mobile phone, iPad or tablet at anytime and anywhere to ensure the safety of samples.



Haier Biomedical is committed to providing the best user experience and the number one choice for your sample safety solutions!

Costa Rica

Haier Biomedical's ULT Freezer Commissioned at CCSS in Costa Rica

14 units of Haier Biomedical's Ultra-low Temperature (ULT) Freezers used for Costa Rica's COVID-19 vaccination program have been successfully distributed and put into use.



efficiency and safety of COVID-19 vaccine inoculation.

At the Pacific Center of the Costa Rican Social Security Fund (CCSS), Haier Biomedical's ULT Freezers were used in the inoculation of the first batch of vaccines. Dr. Haddler Rojas G., the Pharmaceutical Regent at Regional Distribution Centre of Puntarenas, praised Haier Biomedical's ULT Freezer, saying that "The freezer can ensure the quality, efficiency and safety of COVID-19 vaccine inoculation, and ensure the stable temperature at -70°C--80°C."



Dr. Wilburg Diaz Cruz, the Regional Director of CCSS Pacific Central, said, "We now have Ultra-Low Temperature Freezers for storing vaccines. The arrival of the first batch of vaccines will benefit all due to the concerted efforts of laboratories, pharmacies, logistic agencies and warehouses."



<https://www.youtube.com/watch?v=Bk3g0xILCM>

In the future, Costa Rica will fully establish a vaccine cold chain network, bringing more convenience to vaccine transportation and vaccination.

Chile

Haier Biomedical Approved by Chile's Vaccination Department

According to the Chilean daily newspaper Las Últimas Noticias, with the arrival of 10.1 million COVID-19 vaccines procured by the Chilean Ministry of Health, nine Haier Biomedical Ultra-low Temperature (ULT) Freezers have been successfully distributed to local areas to ensure the safe storage and continuous supply of vaccines.



The Deputy Secretary-General of the Ministry of Public Health Paula Daza issued the ninth Haier Biomedical ULT Freezer in Concepción to store Pfizer-BioNTech vaccines. Daza said, "Since a single freezer can store 230,000 doses of vaccine, we can ensure the continuous inventory of vaccines so that we have the greatest degree of independence in vaccine use."

Paola Sepúlveda is a vaccine storage staff member in Concepción and also an expert in epidemiology. She affirmed the importance of Haier Biomedical's ULT Freezer in the construction of the vaccine cold chain.



It is worth mentioning that the freezer used for vaccine storage in Chile is Haier Biomedical's ULT Freezer DW-86L959BPT. It has a 10-inch smart full-size touch screen, and the advanced user interface (UI) design coupled with a sample management system can provide the optimal user experience and user-to-machine interaction. The hydrocarbon (HC) and variable frequency drive refrigeration system has superior energy-savings performance, achieving ultra-low power consumption while ensuring temperature uniformity of ±3°C (setting of temperature at -80°C). The Internet of Things (IoT) software system can provide simplified sample management experience and smart storage, achieving precise sample identification which ensures sample safety and reliability.



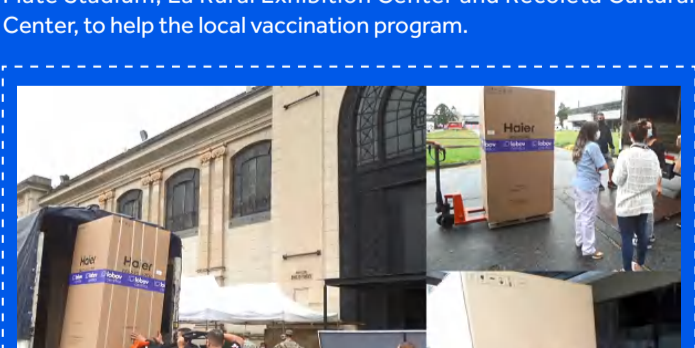
<https://www.youtube.com/watch?v=iLuqB-Mlg>

Haier Biomedical's ULT Freezer can keep Pfizer-BioNTech vaccines at the precise temperature and help Chile's vaccination program at the same time.

Argentina

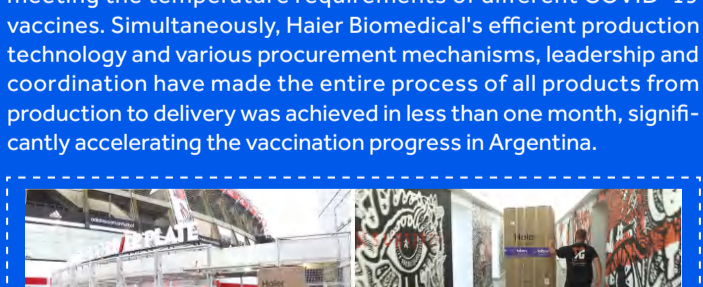
Haier Biomedical Assists Argentina's Vaccination Program

Recently, over 200 Haier Biomedical Ultra-low Temperature (ULT) Freezers, Biomedical Freezers, and Pharmacy Refrigerators have successfully arrived in Argentina, 40 of which have been distributed to 25 COVID-19 vaccination centers, including Argentina River Plate Stadium, La Rural Exhibition Center and Recoleta Cultural Center, to help the local vaccination program.



<https://www.youtube.com/watch?v=EB4g1Hfj2Dk>

It is reported that there are various types of COVID-19 vaccines in Argentina. The products involved in this project include 36 ULT Freezers, 84 Biomedical Freezers and 65 Pharmacy Refrigerators. They cover the temperature range from -86°C to 8°C, completely meeting the temperature requirements of different COVID-19 vaccines. Simultaneously, Haier Biomedical's efficient production technology and various procurement mechanisms, leadership and coordination have made the entire process of all products from production to delivery was achieved in less than one month, significantly accelerating the vaccination progress in Argentina.



Haier Biomedical has always been concerned about the global pandemic and is committed to delivering the optimum vaccine cold chain complete solutions globally, safeguarding vaccines for millions of people!

Peru

Haier Biomedical assists Peru's vaccination program!



<https://www.youtube.com/watch?v=QbPQqVKzP5Q>



Haier Biomedical's first batch of vaccine refrigerators was shipped to Peru at the end of March and will be used to boost the local public health department ESSALUD-CEABE's COVID-19 vaccination program.

