

快讯 SHOW EXPRESS 1

Power Refrigeration and Heat Pump with Digital Intelligence for a New Chapter of Carbon Neutrality

2026
NO.84

The 37th International Exhibition for Refrigeration, Air-conditioning, Heating and Ventilation, Frozen Food Processing, Packaging and Storage

APR 8-10, 2026
Beijing · Capital International Exhibition & Convention Center

CRH 2026



CONTENTS

HIGHLIGHTS

- 01 “Empower Refrigeration and Heat Pump with Digital Intelligence for a New Chapter of Carbon Neutrality”
—— CRH 2026 Will Open in Beijing on April 8, 2026

EXPECTATION

- 02 Inscription by the Leadership of CRH Organizing Committee
03 Congratulation Messages

ORGANIZATION

- 45 Timetable for CRH 2026
CRH 2026 Forum
- 46 CRH 2026 Symposiums
- 50 CRH 2026 Technical Seminars
- 52 Roadshow Area of Integration of Industry and University will be unveiled at CRH 2026
- 58 Ozone2Climate Technology Roadshow and Industry Roundtable
- 59 2026 Ozone2Climate Technology Industry Roundtable Agenda
- 62 Technological Leapfrogging and Scenario-Driven Innovation, Jointly Building a New Ecosystem for Heat Pump Industry
—— CRH 2026 Heat Pump Pavilion
- 65 Empower Refrigeration and Heat Pump with Digital Intelligence for a New Chapter of Carbon Neutrality
—— The 17th "National Chief Engineer Delegation Activity" Opens in Beijing
- 66 CRH 2026 Refrigeration and Cold Storage Industry Observation Group (High-End Users) Event was Held in Beijing
CRH 2026 Refrigeration and Cold Storage Industry Observation Group (Chief Engineers Group) Event Will be Held in Beijing.
The 20th China R&AC Industry Science and Technology Contest for University Students Launched
- 67 The Award Ceremony of the 17th CAR-ASHRAE Student Design Project Competition Will be Held Soon
- 68 The Award Ceremony of the 6th National Lecture Skills Competition for Young Teachers of Building Environment and Energy Application Engineering Will be Held Soon

EXHIBITION

- 69 Highlights from Some Exhibitors at CRH2026

ORGANIZERS



SUPPORTED BY



SHOW MANAGEMENT



“Empower Refrigeration and Heat Pump with Digital Intelligence for a New Chapter of Carbon Neutrality” —— CRH 2026 Will Open in Beijing on April 8, 2026

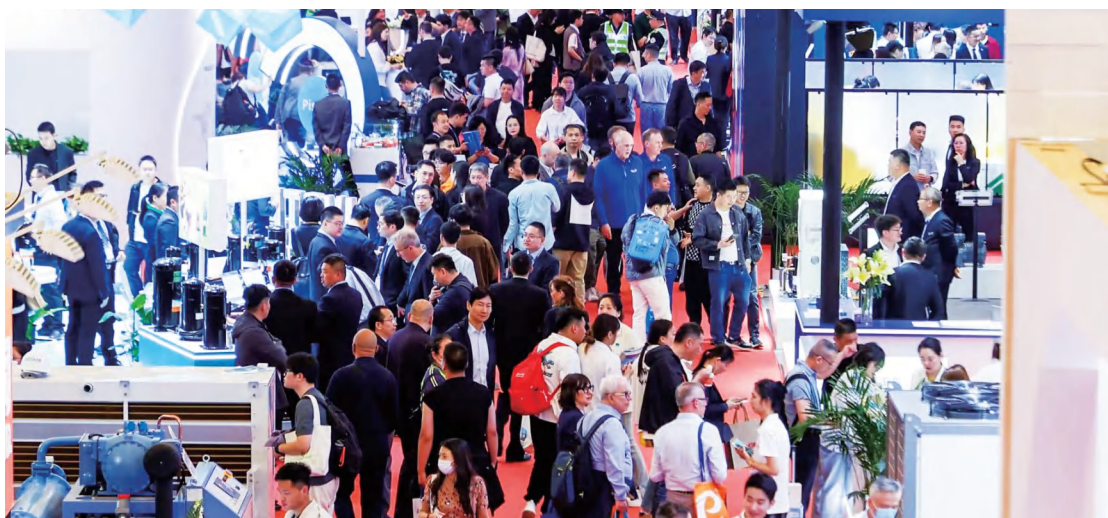
From April 8 to 10, 2026, the 37th International Exhibition for Refrigeration, Air-Conditioning, Heating and Ventilation, Frozen Food Processing, Packaging and Storage (hereinafter referred to as “CRH 2026”) will be held at the Capital International Exhibition & Convention Center in Beijing. With the theme of "Empower Refrigeration and Heat Pump with Digital Intelligence for a New Chapter of Carbon Neutrality", this Expo is co-hosted by the Chinese Association of Refrigeration (CAR), China Refrigeration and Air-Conditioning Industry Association (CRAA), and Beijing International Exhibition Center Co., Ltd. (BIEC), supported by the Beijing Chamber of International Commerce (BCIC), and organized by BIEC.

As a key annual event in the global refrigeration, air-conditioning, and HVAC industry, CRH 2026 will feature 5 exhibition halls covering a total area of 115,000 square meters, attracting 1,041 exhibitors from 30 countries and regions worldwide to gather in Beijing.

During the Expo, the CRH hosts will hold forums, symposiums and technical seminars around the exhibition theme. They will organize trade visitor groups such as the National Chief Engineer Delegation, the Refrigeration and Cold Storage Industry Observation Group, the HVAC Industry Observation Group, and the Delegation of Provincial Refrigeration Societies across China for on-site visits and exchanges. Multiple characteristic exhibition areas will be set up to focus on hot topics in the industry's upstream and downstream sectors, build a precise docking platform between supply and demand in sub-sectors, and promote in-depth communication between exhibitors and visitors.

More exhibition news and event details can be obtained through CRH official media - CRH Show Express, official website, WeChat official account, WeChat Video, Douyin, Red Note, Bilibili and other platforms.

From April 8 to 10, 2026, let us gather in Beijing, move forward together, and explore side by side in the wave of refrigeration and heating technologies, jointly charting a new blueprint for the high-quality development of the industry.



The grand view of CRH 2025 (Shanghai)

迈向零碳时代 智绘冷暖未来

李晓虎



李晓虎
中国制冷学会
副理事长兼秘书长



智汇冷暖 绿色共享
开放共赢 共筑未来

李江
中国制冷空调工业协会
会长

李江

智驭风云 衡冷暖
绿行天下 启新程

柴英杰



柴英杰
北京国际商会副会长
首都会展（集团）有限公司党委委员、副总经理
北京国际展览中心有限公司董事长



Congratulatory Message for the 37th International Exhibition for Refrigeration, Air-Conditioning, Heating and Ventilation, Frozen Food Processing, Packaging and Storage

8-10 April 2026 | Capital International Exhibition & Convention Center, Beijing, China

On behalf of the United Nations Environment Programme (UNEP)'s OzonAction, it is my honour to offer our warmest congratulations on the 37th China Refrigeration Exhibition.

The China Refrigeration Exhibition serves as a collaborative environment that supports worldwide efforts and accelerates the development of solutions for the protection of the ozone layer and mitigation of climate change guided by the Montreal Protocol on Substances that Deplete the Ozone Layer and the Kigali Amendment.

Despite the inherent environmental challenges associated with the cooling sector's rapid expansion and rising energy demands, we remain committed to finding innovative, energy-efficient and more sustainable solutions – an effort that has been consistently demonstrated at the China Refrigeration Exhibition. With this year's exhibition is being themed "Empower refrigeration and heat pump with digital intelligence for a new chapter of carbon neutrality", I am grateful that it offers a valuable platform to the industry to help it grow and evolve with the technological advancements. It also enables us to address the environmental problems caused by the ozone depleting and high global warming chemicals traditionally used in this sector, advancing our collective progress toward a more sustainable future.

Lastly, I sincerely express my gratitude to the organizers both for organizing the China Refrigeration Exhibition 2026 and for facilitating a meaningful space for our Ozone2Climate (O2C) Technology Roadshow and Industry Roundtable. With the leadership of the Foreign Economic Cooperation Center, Ministry of Ecology and Environment, China (FECO/MEE), UNEP, together with other partners, is organizing the 15th O2C Technology Roadshow and Industry Roundtable in China. This year's O2C Industry roundtable will focus on "The 10th Anniversary of the Kigali Amendment: Achievements and Challenges in the Refrigeration and Air-conditioning Industry".

We look forward to participating in the Exhibition and meet with fellow international and Chinese agencies, government departments, industry associations, and enterprises and learn from their expertise, share experiences and ideas that promotes research, development and wider application of ozone and climate friendly higher energy efficient technologies in the refrigeration and air conditioning sector.

James S. Curlin
Head of OzonAction
Law Division
United Nations Environment Programme



INSTITUT INTERNATIONAL DU FROID
INTERNATIONAL INSTITUTE OF REFRIGERATION

177, boulevard Malesherbes
75017 Paris - France
Tel. +33 (0)1 42 27 32 00
Fax +33 (0)1 47 63 17 98

IIFIR.ORG
in | tw | f | y
iif-ir@iifir.org

Paris, 4 March 2026

Congratulatory Message from the IIR to our esteemed Chinese Colleagues at CAR for the China Refrigeration Expo 2026

Dear Colleagues at CAR,

On behalf of the International Institute of Refrigeration (IIR), I extend my heartfelt congratulations on the launch of the China Refrigeration Expo 2026, taking place April 8-10, in Beijing. This premier event has long been a cornerstone for the global refrigeration, air conditioning, heat pump, and cold chain communities, and this year promises to continue that proud tradition.

The Expo represents far more than a showcase of technology, it is a platform where innovation meets collaboration, where ideas become solutions, and where the future of sustainable refrigeration takes shape. In a world facing urgent challenges, from food security and healthcare to climate resilience, the work of the refrigeration sector has never been more vital. The technologies and solutions shared at this Expo are key to meeting these needs while reducing environmental impact and advancing energy efficiency.

China has been a member country of the IIR for decades, and CAR's engagement with IIR and leadership in organising this event exemplifies the country's vision, expertise, and commitment to the global refrigeration community. The IIR applauds your efforts to bring together experts, scientists, and industry leaders from across the world, fostering dialogue, learning, and innovation.

In collaboration with China and all engaging countries, IIR will continue to champion scientific excellence, sustainable practices, and knowledge-sharing that benefit the entire refrigeration sector.

We look forward to deepening our collaboration with China and all IIR member countries, encouraging the next generation of scientists, engineers, and professionals to embrace sustainable innovative refrigeration technologies.

May China Refrigeration Expo 2026 be an outstanding success, filled with inspiring ideas, meaningful partnerships, and a shared commitment to shaping the future of refrigeration worldwide.

With warm regards,

Yosr Allouche

Director General, IIR





To all our dear friends at CAR and the refrigeration industry in China:

On behalf of the INTERNATIONAL INSTITUTE OF **ALL-NATURAL REFRIGERATION (IIAR)**, we welcome all the participants to **China Refrigeration EXPO 2026** in Beijing. The **IIAR** is honored to be associated once again, with the event and its long-standing relationship with the CAR (Chinese Association of Refrigeration). Our sincere congratulations to the CAR and the organizing committee for putting together and hosting such an important event and thank you for hosting us all for the important event, back this year in the capital city of China, Beijing.

IIAR is the world's leading advocate for the safe, reliable, and efficient use of ALL-NATURAL refrigerants such as Ammonia (R717), CO2 (R-744), and hydrocarbons. IIAR's members share their collective knowledge and experience to produce consensus documents that address various aspects of the **ALL-NATURAL** refrigeration industry. Since **1971**, IIAR has been the world's leading advocate for the safe, reliable, and efficient use of natural refrigerants. IIAR sets the standard for providing the most up-to-date technical information to the ammonia and natural refrigeration community. As the only organization writing design and operation standards for natural refrigerants, IIAR is an American National Standards Institute (ANSI) accredited standards developer. IIAR ANSI Standards have been incorporated into Building and International Codes. IIAR members come from all over the world, with some of our valuable material now available in Chinese, including standards and some training materials for safety.

- Our VISION:** To create a better world through the safe and sustainable use of ALL Natural Refrigerants
- Our MISSION:** To provide advocacy, education, and standards for the benefit of the global community in the safe and sustainable design, installation and operation of ammonia, CO2, and other Natural Refrigerant systems.

IIAR wishes all the participants and visitors of China Refrigeration Expo 2026 a very successful conference and exhibition; and we are looking forward to continuing the cooperation with CAR and the China refrigeration industry with the common goal of expanding the use of **ALL-NATURAL Refrigerants** in China.

With our sincere and warmest regards.

Gary Schrift
President of the IIAR

Guy J.E. Cloutier
Regional Vice-Chair – China and Asian Countries
IIAR International Committee



THE VOICE OF THE EUROPEAN
HVACR INDUSTRY

Choose an item.

Team member
Francesco Scuderi

Phone
+32 (0)466 90 04 01

Email
francesco.scuderi@eurovent.eu

Date
2026-02-03

Congratulatory message from Eurovent on the China Refrigeration Expo 2026

Dear colleagues from the Chinese Association of Refrigeration (CAR) and the China Refrigeration and Air-Conditioning Industry Association (CRAA),

On behalf of Eurovent, we are delighted to convey our sincere congratulations on the organisation of the China Refrigeration Expo 2026. The Expo has long been recognised as one of the most influential international events for the Heating, Ventilation, Air Conditioning and Refrigeration (HVACR) sector, playing a vital role in advancing technical excellence, dialogue, and cooperation across the industry.

The scale and quality of the China Refrigeration Expo reflect the outstanding commitment of its organisers and partners. We are confident that the 2026 edition will once again provide a dynamic and inspiring environment for industry professionals to exchange expertise, explore innovative solutions, and address the challenges and opportunities facing the global HVACR market.

Eurovent strongly values initiatives that promote technological progress, sustainability, and international collaboration. In this regard, China Refrigeration Expo 2026 is set to make a meaningful contribution by bringing together manufacturers, researchers, policymakers, and other key stakeholders to share insights and showcase the latest developments shaping the future of our sector.

We would like to commend the organising teams for their continued dedication and vision, and we wish you every success in delivering a highly impactful and rewarding China Refrigeration Expo 2026.

Yours sincerely,

Raul Corredera Haener
President
Eurovent

Francesco Scuderi
Secretary General
Eurovent

Eurovent AISBL / IVZW / INPA
European HVACR Industry Association
EU Trans. Reg.: 89424237848-89

Rue de la Loi 62
1040 Brussels
BELGIUM

www.eurovent.eu
+32 (0)466 90 04 01
secretariat@eurovent.eu

Fortis Bank
IBAN: BE 31 210043999555
BIC: GEBABEBB





European Partnership
for Energy and the
Environment

On behalf of the European Partnership for Energy and the Environment (EPEE) which is the voice of refrigeration, air-conditioning, and heat pump (RACHP) industry across Europe, I would like to congratulate the China Refrigeration Organising Committee for this year EXPO.

Holding this event on a yearly basis has ensured that it has become one of the major global events for the RACHP industry and, as EPEE, we are delighted to have been invited, and we look forward to meeting many friends and partners and indeed new contacts.

The RACHP industry globally, and especially in Europe, is at a regulatory crossroads as we see an increased number of policies and legislation directly impacting our sector at a critical time when industry is doing everything it can to decarbonise the building sector and aim for net zero by 2050.

Our industry is a global one and it is therefore paramount that we speak to each other to gather information and views on the ground and to build future partnerships.

I wish you a resounding success in this year's location, Beijing, and look forward to meeting members and participants alike.

Russell Patten, Director General, EPEE.





Brussels, February 9, 2026

Dear Ms. Zhao,

On behalf of REHVA, the Federation of European Heating, Ventilation and Air-conditioning Associations, I would like to express our appreciation for your kind invitation to the China Refrigeration Expo 2026, to be held from April 8-10, 2026, in Beijing.

Although I regret that prior commitments prevent me from attending in person this year, I would like to congratulate the Chinese Association of Refrigeration and all partners involved for organising what continues to be one of the most important international platforms for the refrigeration, HVAC, and food processing industries.

REHVA is pleased to officially endorse China Refrigeration Expo 2026. We value the Expo's contribution to international collaboration and to the advancement of energy efficiency, decarbonisation, and sustainable built environments – goals that strongly align with REHVA's mission and activities across Europe and beyond.

We wish you success for a productive and inspiring event and look forward to continued cooperation in the future.

Best regards,

Prof. Eng. Ph.D. Livio Mazzarella
REHVA President

REHVA - Rue Washington, 40 - 1050 Brussels - Belgium
Telephone: +32 2 514 11 71 • E-mail: info@rehva.eu
VAT number : BE 0.886.234.065
Website: www.rehva.eu

BNP Fortis Bank - Account number: 210 077 772 733 - IBAN: BE79 2100 7777 2733 - BIC: GEBABEBB



Union of Associations of African Actors in Refrigeration and Air Conditioning

REFRIGERATION, THE KEY TO SUSTAINABLE DEVELOPMENT

Receipt of Declaration of Existence of Association (No.: N00000947001)

Ref. No. U-3ARC/SG/2026/012
Ouagadougou, February 24, 2026

To

Chinese Association of Refrigeration (CAR)
Beijing, China

Subject: **Congratulations on the Successful Organization of the Beijing Refrigeration Fair**

Dear Madam Zhao,

On behalf of the Union of African Associations of Refrigeration and Climate (U-3ARC), we wish to extend our warmest congratulations to you and your team for the remarkable organization of the Beijing Fair.

Your dedication and professionalism have contributed to the success of this important international event, which stands as a platform for innovation, collaboration, and the strengthening of ties between nations.

We are deeply honored by the invitation extended to U-3ARC to participate in this prestigious gathering. This gesture reflects your commitment to fostering global cooperation and highlights the importance of Africa's contribution to the refrigeration and climate sector.

Please accept our sincere appreciation and best wishes for continued success in your endeavors. We look forward to further collaboration and to building lasting bridges between our institutions.

Yours faithfully,

On behalf of the Executive Committee of U-3ARC

Madi SAKANDE



10 BP 13185 OUAGADOUGOU 10 - Tel.: 00226 74 30 77 77 / www.u-3arc.org/
info@u-3arc.org

COMMERCIAL BANK ACCOUNT of Burkina Faso Central Headquarters Avenue Kwame Nkrumah
IBAN : BF056 01001 050614192901 23 - CODE BIC : BNCFBFBF
OUAGADOUGOU - BURKINA FASO



Russian HVAC&R society ABOK



Dear Organizing Committee of China Refrigeration Expo 2026, dear Colleagues

On behalf of the Russian HVAC society “ABOK” and on my own behalf, I would like to extend my sincere congratulations on the successful organization of China Refrigeration Expo 2026.

China Refrigeration Expo has long been recognized as one of the world’s leading professional platforms, bringing together experts, researchers, engineers, and industry leaders to exchange knowledge, present innovative technologies, and discuss current trends in refrigeration, ventilation, air conditioning, and sustainable building environments.

We highly appreciate the rich professional program of CR Expo 2026. The themed forum “Empower Refrigeration and Heat Pump with Digital Intelligence for a New Chapter of Carbon Neutrality”, together with more than 50 symposiums held during the exhibition period, will undoubtedly provide an excellent opportunity for in-depth discussions, knowledge exchange, and the promotion of innovative and sustainable solutions.

We highly value the important role of the Expo in strengthening international cooperation, accelerating technological progress, and supporting the global transition toward energy efficiency, carbon neutrality, and environmentally responsible development.

We wish China Refrigeration Expo 2026 great success, productive discussions, fruitful partnerships, and further expansion of its international influence. Please accept our best wishes to the organizers, participants, and guests of the Expo.

Marianna Brodach,

President of the Russian Heating, Ventilation, Air-Conditioning, Heat Supply and Constructional Thermal Physics Engineers Association (ABOK)



São Paulo, Feb 27, 2026

To

Organizing Committee of China Refrigeration Expo 2026.

Ref.: Congratulations

Dear Friends

During the last years we had the opportunity to meet several experts and members of industry associations around the world, taking part in this global Air Conditioning and Refrigeration Expo, which undoubtedly gives us the chance to increase our technical knowledge and discover what is happening in the world of air conditioning and refrigeration, as well as having the opportunity to learn about new trends, meet friends and meet new people.

The China Refrigeration Expo has carried out business and institutional strengthening successfully for many years and in fact has set-up a reference for whose work for HVAC-R, looking for a sustainable development, for energy efficiency, environment and indoor air quality.

ABRAVA values the relationship with our co-sister Chinese Association of Refrigeration (CAR), recognizes the importance of this event, and feels honored for the opportunity to talk about the importance of this event for all of us.

Congratulations, and our best wishes for total success to all members of this traditional Organizing Committee, that always is driving very well such important event.

Very Truly Yours

Samoel Vieira de Souza

President of International Affairs
ABRAVA - The Brazilian Association for HVAC-R



ABRAVA – The Brazilian Association for HVACR
Av. Rio Branco, 1492 – São Paulo – Brazil - www.abrava.com.br



2311 Wilson Boulevard Suite 400 Arlington VA 22201 USA
 Phone 703 524 8800 | Fax 703 562 1942
 www.ahrinet.org

January 26, 2026

On behalf of the more than 330 manufacturers of HVACR and water heating equipment that are members of the Air-Conditioning, Heating, and Refrigeration Institute (AHRI) – several of which are based in China – I am pleased to extend best wishes to the organizers, sponsors, and exhibitors of the 2026 China Exhibition for Refrigeration, Air-conditioning, Heating and Ventilation, Frozen Food Processing, Packaging, and Storage. We are pleased and proud to be able to join you for this year’s show, which so vividly illustrates the importance of the Chinese market to our industry.

This show continues to serve as valuable platform for AHRI to interact with our member companies and with our Chinese industry friends. AHRI’s China office is the oldest in our association outside of the United States, and, while officially established in 2018, it represents an extension of the strong foundation we’ve built with our friends in China for more than 30 years. AHRI is also pleased to have expanded our presence in Asia, adding an ASEAN office in Singapore that is led by our Vice President of Asia Operations. We believe this is an important step in continuing to address issues of common concern in the region.

Much of our collaboration in China occurs through our member companies based in the country, but a large part of it also occurs through our association partnerships with the China Refrigeration and Air Conditioning Association (CRAA) and the China Association of Refrigeration (CAR), which help our members do business in China. We are very grateful for CRAA’s continued participation as a valuable member of the AHRI-managed International Council of Air-Conditioning, Refrigeration, and Heating Manufacturers Associations (ICARHMA), a group that comprises 11 industry associations from around the world.

We look forward to traveling to this show and interacting with our friends and government contacts. We deeply value the personal and business relationships we have established, and attending each year helps those relationships flourish and thrive. We thank you for your friendship and hospitality and look forward to participating in an excellent show!



Sincerely,

Stephen R. Yurek
 President and CEO

Congratulatory msg for China Refrigeration Expo 2026, Beijing

On behalf of **All India Air-Conditioning & Refrigeration Association (AIACRA)**, I am delighted to extend my warm congratulations to the entire team of Chinese Association of Refrigeration (CAR) on organizing the **37th China Refrigeration Expo 2026 (CRH 2026)**, to be held from April 8–10, 2026 at the Capital International Exhibition and Convention Center, Beijing, China.

This renowned exhibition, covering Heating, Ventilation, Air-Conditioning, Refrigeration, Frozen Food Processing, Packaging and Storage, continues to serve as an important global platform for knowledge exchange, technological advancement, and business collaboration in the HVAC&R sector.

AIACRA and CAR have shared a strong and meaningful association for over two decades. Our partnership has steadily evolved into a relationship built on mutual trust, respect, and shared vision for the growth of the refrigeration and air-conditioning industry in both our countries.

I sincerely appreciate the consistent efforts and commitment of the CAR leadership and its members in promoting innovation, sustainability, and global cooperation within the HVAC&R industry. Your dedication plays a vital role in shaping the future of the HVAC&R sector.

We look forward to strengthening our cooperation further and to witnessing the continued success of your esteemed association.

With best wishes for a highly successful Expo and many more milestones ahead.

Good Luck and Best Wishes to the entire team of CAR

Harpreet Singh
President AIACRA





Milan, February 27th, 2026

Letter of congratulations

China Refrigeration is one of the world's leading events in the refrigeration industry.

The pressing drivers of innovation related to climate change and the ever-increasing adoption of energy production systems based on renewable sources are pushing the entire Refrigeration, Air Conditioning, and Heat Pump (RACHP) sector toward continuous and rapid evolution.

AiCARR, the Italian Association for Air Conditioning, Heating, and Refrigeration, is a non-profit cultural organization that creates and promotes culture and technology for sustainable well-being. Founded in 1960, AiCARR has consistently addressed issues related to the conscious use of energy and natural resources, as well as innovation in the air conditioning and refrigeration sectors.

AiCARR firmly believes that, given the global dimension of the challenges imposed by the RACHP sector, such challenges can only be addressed through international collaboration in research for the development of new technological solutions that are increasingly efficient and environmentally friendly on a global scale in the RACHP sector.

China Refrigeration Expo 2026 represents an incredible event to bring together all stakeholders and experience firsthand the innovative technologies and products, creating opportunities for discussion and information exchange that are essential for a decisive advancement of technical knowledge in the HVAC&R field.

We recommend visiting the China Refrigeration Exhibition.

I congratulate the organizers of China Refrigeration 2026 and wish them great success!

Prof. Claudio Zilio
AiCARR President 2023-2026





**Bill McQuade, P.E., CDP, Fellow ASHRAE, LEED AP
2025-26 ASHRAE President
CAR Refrigeration Expo 2026
Congratulatory Message**



On behalf of ASHRAE and our global community of members, I extend my sincere congratulations to the organizers, exhibitors and attendees of China Refrigeration Expo 2026.

This Expo continues to stand as one of the world's premier gatherings for the refrigeration, air-conditioning, heating and ventilation industry. Each year, it showcases not only technological advancement, but also the collective commitment of our industry to innovation, sustainability and responsible growth.

ASHRAE's 2025–26 Society theme, *"Healthy Buildings: Designing for Life,"* reflects the growing responsibility our industry carries in supporting human health, well-being and productivity. At the heart of this mission is indoor environmental quality (IEQ), from air quality and thermal comfort to lighting, acoustics and water quality, which directly influences how people live, learn, work and thrive within the spaces we design and operate.

As our global community works improve IEQ, energy efficiency and advance refrigerant management, collaboration across borders has never been more important. Events like China Refrigeration Expo create opportunities to share knowledge, accelerate innovation and strengthen partnerships that move our industry forward.

ASHRAE values its strong relationship with partners throughout China and across Asia. Together, we are advancing healthy, resilient and sustainable built environments for all.

Congratulations on another outstanding Expo. I wish you a successful and impactful event.

Bill McQuade, P.E. CDP, Fellow ASHRAE, LEED AP
2025-26 ASHRAE President



37th China Refrigeration Expo 2026

Subject: Congratulatory Message for the 37th China Refrigeration Expo

Dear distinguished global partner organization,

On behalf of Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, we would like to extend our sincerest congratulations to the Chinese Association of Refrigeration (CAR) and the entire organizing committee on the upcoming 37th China Refrigeration Expo 2026.

As a long-standing platform in the HVAC&R industry, the China Refrigeration Expo continues to play a vital role in facilitating technical exchange and industrial cooperation. We note with great interest this year's theme, "Empower refrigeration and heat pump with digital intelligence for a new chapter of carbon neutrality," which highlights the industry's evolving focus on sustainable and intelligent development. By fostering innovation and collaboration through joint efforts, the Expo contributes significantly to achieving the industry's carbon neutrality goals.

At the same time, we hope to see further progress in the wider application of natural refrigerants and the promotion of more sustainable refrigeration and heat pump solutions. Strengthening the transition toward climate-friendly technologies will be essential for achieving long-term environmental and energy goals.

GIZ values its longstanding partnership with CAR and other global partners. We appreciate this opportunity to witness the continued progress of the global HVAC&R sector. We look forward to exchanging insights with global professionals in Beijing and to seeing how digital intelligence, combined with increased adoption of natural refrigerants, will further empower the industry toward carbon neutrality.

Wishing the 37th China Refrigeration Expo every success!

Best regards,

Guntram Glasbrenner

Programme Director

Proklima International

giz Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH

P.O. Box 5180

65726 Eschborn

Germany

Internet: <http://www.giz.de/proklima>



Indian Society of Heating, Refrigerating & Air Conditioning Engineers (Regd.)

1103-1104, 11th Floor, Chiranjiv Tower, 43, Nehru Place, New Delhi - 110 019.
Tel.: 011-41635655 E-mail: info@ishraehq.in

Prof R SARAVANAN
Society President 2026-27

Email. president@ishraehq.in

Dear Esteemed Colleagues, Industry Leaders, and Participants,

On behalf of the Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE), it is my privilege and honor to extend our warmest congratulations on the occasion of the China Refrigeration Expo 2026, (April 8-10, BEIJING). This prestigious event has consistently served as a beacon of innovation and collaboration in the global HVAC&R industry, bringing together thought leaders, manufacturers, researchers, and practitioners from across the world. As we gather in this era of unprecedented technological advancement and environmental consciousness, the China Refrigeration Expo stands as a testament to our collective commitment to sustainable cooling solutions and energy-efficient technologies.

The challenges facing our industry today—climate change, energy conservation, and the transition to low-GWP refrigerants—require global cooperation and knowledge exchange. This expo provides an invaluable platform for such dialogue, fostering partnerships that transcend borders and accelerate the pace of innovation. The exhibition not only showcases cutting-edge technologies but also cultivates the relationships that drive our industry forward.

Events like the China Refrigeration Expo 2026 become even more critical, as they serve as catalysts for the adoption of next-generation technologies, from natural refrigerants to AI-driven building management systems, from district cooling networks to ultra-efficient heat pump technologies.

May this expo be marked by fruitful discussions, meaningful partnerships, and transformative ideas that will shape the future of sustainable cooling worldwide. ISHRAE looks forward to strengthening the bonds between the Indian and Chinese HVAC&R communities and to working together toward a more sustainable and comfortable built environment for all.

Wishing the China Refrigeration Expo 2026 tremendous success and all participants an enriching and productive experience.

With warm regards and best wishes,

President

Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE)



www.ishrae.in



Distinguished guests and valued industry partners,

We would like to extend our sincere appreciation to the organizing committee for their continued efforts and for the kind invitation extended to us once again this year.

This fair, led by CAR and uniting industry associations at each edition, provides a highly valuable platform for the exchange of knowledge, the exploration of new technologies, and the strengthening of partnerships. The increasing participation and success each year clearly demonstrate that this event has become a well-established tradition and an essential meeting point for our sector.

The refrigeration industry plays a vital role in many areas, from food safety and energy efficiency to sustainability and improving quality of life. In this regard, we are pleased to see both our industry and this important exhibition continue to grow and achieve greater success each year.

We would like to thank all participants, guests, and industry professionals who have contributed to this successful organization, and we congratulate CAR on its continued success in delivering this traditional and impactful event year after year.

We wish all participants productive discussions and a successful event.

Yours Faithfully,
ISIB Board





Num : 54/2026
Title : Congratulation of China Refrigeration Expo 2026
Date : 26.02 2026

To the kind attention of
China Refrigeration Expo Organizing Committee,

On behalf of ISKID, Air Conditioning and Refrigeration Manufacturers' Association and its member companies, I would like to congratulate CAR and organizer team of **China Refrigeration Expo 2026**.

Thank you very much for your kind invitation to attend the **37th** China Refrigeration Expo to be held in Beijing from **April 8–10, 2026**. Unfortunately, due to our already confirmed schedule and a very full agenda during that period, we will not be able to attend this year's exhibition.

We truly appreciate your thoughtful invitation and wish you a highly successful and productive event. We hope to have the opportunity to participate in future editions.

Sincerely,

Tunç KORUN
Chairman of ISKID



Şerifali Mah.
Kızkalesi Sok.
Elite Plaza B Blok 1B/6
34775 Ümraniye
İstanbul / TÜRKİYE
www.iskid.org.tr
iskid@iskid.org.tr
T: +90 216 469 44 96
F: +90 216 469 44 95

KK 1/1



As a globally circulated professional media outlet in the HVAC&R industry, JARN would like to extend its warmest congratulations on the grand opening of the 2026 China Refrigeration Expo!

In recent years, China's rapid advancement in manufacturing capabilities has been one of the most notable highlights of the global HVAC&R industry, attracting a growing number of overseas buyers. As one of the most influential international exhibitions in the global heating, ventilation, air-conditioning, and refrigeration sector, CR Expo continues to serve as a high-level platform for technological innovation, business exchange, and collaborative industrial development.

Each year, JARN features the innovative technologies showcased at CR Expo in both JARN Magazine and on our website, eJARN.com. These reports have gained significant attention and strong positive feedback from the global industry, underscoring the Expo's international influence and its pivotal role in driving technological progress.

We sincerely wish the 2026 Expo great success, with remarkable achievements and breakthroughs. May it continue to bring together global expertise, advance digitalization and low-carbon development, and promote the high-quality growth of the global HVAC&R industry.

JARN looks forward to further deepening cooperation with the organizers and industry partners worldwide, jointly witnessing new milestones and creating new opportunities for the future of our industry.

Keisho Ka
 President&CEO
 JARN Magazine





CHINA REFRIGERATION EXPO 2026

On behalf of the JRAIA member companies, I would like to express my sincere congratulations on the opening of CHINA REFRIGERATION EXPO 2026 in Beijing, which brings together manufacturers, industry experts, and visitors from around the world.

In 2026, we successfully hosted HVAC&R JAPAN 2026 at Tokyo Big Sight, welcoming a record-breaking 37,274 visitors. We would like to express our sincere appreciation to everyone who contributed to this achievement.

According to the OECD, the global economy in 2026 is expected to show moderate recovery despite remaining vulnerabilities. While the easing of high tariffs and a stable financial environment may support growth, geopolitical instability may continue to restrain trade and investment. Meanwhile, the latest IEA World Energy Outlook indicates that household electricity demand in the Global South will increase by 30% by 2035 and 90% by 2050, largely driven by rising incomes and temperatures that increase demand for space cooling.

Although COP30 did not reach an agreement on phasing out fossil fuels, expectations for our industry will continue to grow as the world moves toward carbon neutrality by 2050. Improving energy efficiency in refrigeration and air-conditioning equipment and promoting heat pumps for heating and hot water will play an important role in reducing greenhouse gas emissions. At the same time, discussions on reducing the whole-life carbon of buildings are becoming more active worldwide, including in Japan. In addition, with strengthened refrigerant regulations under the Kigali Amendment, the transition to alternative refrigerants and the use of reclaimed refrigerants remain key challenges for our industry.

I believe that CR Expo 2026 will provide an excellent opportunity for exhibitors and visitors to exchange information on the latest technologies and to develop new business opportunities. Once again, congratulations on this exhibition. I wish it great success and hope that our close relationship will continue for many years to come.

Your Truly

Katsuyuki Sawai

Chairman of the board,

The Japan Refrigeration and Air conditioning Industry Association (JRAIA), Japan

Congratulation Message to China Refrigeration Expo 2026

Japan Society of Refrigerating and Air Conditioning Engineers
Kiyoshi Saito, President



On behalf of all members of the Japan Society of Refrigerating and Air Conditioning Engineers (JSRAE), I extend my warmest congratulations and best wishes for the success of **China Refrigeration Expo 2026**, one of the world's premier events in our industry.

In today's rapidly changing world, refrigeration and air-conditioning technology continues to play a critical role in protecting humanity from extreme weather patterns and health challenges, while ensuring the global supply of safe and secure food. We are witnessing particularly dynamic developments in the fields of Refrigeration, HVAC, Frozen Food Processing, Packaging, and Storage across the Asian region, with China and Japan at the forefront of this innovation.

The exhibitions, symposiums, and seminars held during **China Refrigeration Expo 2026** will undoubtedly illuminate the future direction of our industry, providing us with pioneering ideas and practical solutions to our shared challenges.

I sincerely hope that we continue to strengthen our collaboration to foster growth in these vital industrial fields and to build a truly sustainable society. I wish for the grand success and fruitful outcomes of China Refrigeration Expo 2026.



Congratulation message for CR EXPO 2026

Greetings,

I am Cheonjae Park, President of the Korea HVAC Testing Institute (K-HVAC). On behalf of K-HVAC, I would like to extend my heartfelt congratulations on the grand opening of “The 37th China Refrigeration Expo 2026.” It is a great honor to deliver these congratulatory remarks on such a significant occasion.

As one of the world’s premier exhibitions in the HVAC&R sector, CR Expo has received numerous certifications from authoritative organizations, including UFI (the Global Association of the Exhibition Industry), the U.S. Department of Commerce (DOC), and CAEC (China Association for Exhibition Centres). These endorsements underscore its extensive credibility within the global industry.

Particularly noteworthy is that the 2025 edition continued to build on the remarkable growth of previous years, bringing together an even wider range of brands from across China and around the globe to showcase the latest technologies and products. This not only highlights the advances and achievements in the HVAC&R industry but also reaffirms CR Expo’s vital role in addressing carbon neutrality and energy concerns.

Although we have become increasingly aware of the seriousness of climate change and are taking active measures to address it, challenges such as natural disasters and energy shortages remain pressing issues worldwide. In response, major nations are accelerating international carbon-neutral regulations and energy transitions to combat global warming. Key milestones such as the Kigali Amendment, F-gas regulations and the global shift toward low-GWP and natural refrigerants mark a pivotal turning point for our industry. High-efficiency heat pumps, renewable energy–linked heating and cooling systems, and cutting-edge smart control/IoT technologies further illustrate how the sector is striving for digital transformation and carbon reduction.

Amid these rapidly shifting trends, this year’s exhibition is expected not only to foster sustainable growth for the global HVAC&R sector, but also to substantially contribute to meaningful technological exchange and industrial development between China and Korea.

Building upon the achievements of 2025, “The 37th China Refrigeration Expo 2026” features an even larger scale and integrates eco-friendly, smart, and high-efficiency technologies—marking another significant turning point in the refrigeration and air-conditioning industry’s journey toward the future.

As Korea’s leading testing and certification body in the refrigeration and air-conditioning field, K-HVAC will continue to expand global collaboration in testing, certification, technological innovation, and energy efficiency policies, striving to lead the way in this new era of environmental stewardship and low-carbon development.

Once again, I offer my sincere congratulations on the successful opening of the 2026 China Refrigeration Expo. I would also like to express my deep gratitude to the officers and staff of the Chinese Association of Refrigeration (CAR) for their unwavering dedication in organizing this event. K-HVAC looks forward to further strengthening its partnership with CAR and contributing to the continued success of CR Expo in the years to come.

It is my earnest hope that, going forward, the refrigeration and air-conditioning industries of China, Korea, and the rest of the world will work in close collaboration to realize carbon neutrality and advance toward a sustainable future.

Thank you very much.

Cheonjae Park

President
Korea HVAC Testing Institute (K-HVAC)
2026





Congratulatory Message to China Refrigeration Expo 2026

Dear Organizing Committee of **CR EXPO 2026**,

On behalf of the **Korean National Committee of the International Institute of Refrigeration (IIR)**, I would like to extend my warmest congratulations on the successful opening of **CR EXPO 2026 in Beijing**.

China Refrigeration Expo has long been recognized as one of the most influential global exhibitions in the field of refrigeration, air-conditioning, heating, and energy technologies. The Expo provides an outstanding platform for researchers, engineers, and industry leaders from around the world to exchange knowledge, share innovations, and promote sustainable technological development.

At a time when the world is facing critical challenges such as climate change, energy transition, and carbon neutrality, advancements in refrigeration and thermal engineering technologies play an increasingly important role in building a sustainable future.

The Korean refrigeration community greatly values the strong cooperation and friendship with our Chinese colleagues. We believe that continued collaboration between our countries will further accelerate technological innovation and contribute to the global advancement of refrigeration science and industry.

Once again, I sincerely congratulate the organizers of **CR EXPO 2026** and wish the Expo great success.

Sincerely,

Yong Tae Kang, PhD, Professor, Korea University, Seoul 02841, Korea
Representative Commissioner
Korean National Committee
International Institute of Refrigeration (IIR)





韓國冷凍空調產業協會
Korea Refrigeration and Air-conditioning Industry Association

Congratulation on the successful opening of 'The 37th International Exhibition for Refrigeration, Air-Conditioning, Heating and Ventilation, Frozen Food Processing, Packaging, and Storage'.

On the Year of the Fire Horse, "I would like to extend my warmest greetings to all members of the Chinese HVAC Industry on behalf of Korean HVAC industry."

Over the past year, despite global economic uncertainties and rapid changes in the industrial environment—including carbon neutrality initiatives, improvements in energy efficiency, and the transition to new refrigerants—our two industries have continued close cooperation and exchange.

I believe this stands as a valuable testament to the strong trust and shared commitment to mutual growth between the Korean and Chinese HVAC Industry.

In the coming year, I look forward to our continued collaboration in addressing common challenges such as technological innovation and the transition to environmentally friendly solutions.

I also hope that we will further expand cooperation in standards, testing and certification, exhibitions, and business exchanges, enabling companies in both countries to enhance their competitiveness in the global market.

I sincerely wish the Chinese HVAC even greater progress and success in the year ahead.

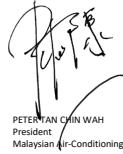
Thank you so much.

Korean Refrigeration and Air Conditioning Industry Association.

SeungHee Kang, Chairman



**CONGRATULATORY MESSAGE
37th CHINA REFRIGERATION EXPO 2026 (CRH 2026)**



PETER TAN CHIN WAH
President
Malaysian Air-Conditioning & Refrigeration Association (MACRA)



**By
PETER TAN CHIN WAH
President
Malaysian Air-Conditioning & Refrigeration Association (MACRA)**

Distinguished leaders of **China Refrigeration and Air-Conditioning Industry Association (CRAA)**, esteemed organisers, respected colleagues, and friends from the global HVAC&R community,

On behalf of MACRA, I extend my warmest congratulations on the successful convening of the **37th China Refrigeration Expo 2026**.

For nearly four decades, this Expo has stood as a global cornerstone of HVAC&R progress—**showcasing China’s leadership** in engineering, manufacturing, and innovation while fostering international collaboration.

This year’s theme reflects a defining shift. HVAC&R systems are now central to the global energy transition—representing both a major energy demand and one of the most immediate opportunities for climate action.

While efficiency, natural refrigerants, and heat pumps have advanced significantly, the next frontier is digital intelligence. **AI-driven optimisation and interoperable platforms** are transforming HVAC&R into measurable climate assets—enabling transparent performance, **credible carbon reporting, and MRV-based ESG accountability**.

“Cooling will define the energy transition in the tropical world—and Asia will define the future of cooling.”

China’s technological leadership, combined with ASEAN’s rapidly growing cooling demand, presents a powerful partnership. For Southeast Asia, where cooling underpins economic productivity, healthcare, and digital infrastructure, collaboration in smart systems, heat pumps, and digital carbon platforms will be critical.

The industry now stands at an inflection point. Beyond efficiency, we must advance toward intelligence, transparency, and collective action—positioning HVAC&R as core infrastructure for climate resilience.

“The cooling technologies we design today will determine the climate stability we inherit tomorrow.”

Once again, my sincere congratulations to CRAA and the organising committee. May CRH 2026 continue to inspire innovation, strengthen partnerships, and advance a smarter, more sustainable, and carbon-neutral HVAC&R future.

Warmest congratulations and best wishes for a successful exhibition.



THE SOCIETY OF AIR-CONDITIONING AND REFRIGERATING ENGINEERS OF KOREA

Suite # 902, KSTC First Bldg,
 22, 7gil Teheran-ro, Gangnam-gu, Seoul, 06130, KOREA
 Tel.:+82-2-554-8571, Fax.:+82-2-552-3929
 Homepage:www.sarek.or.kr
 E-mail: hvac@sarek.or.kr

February 20, 2026

SAREK Presidential Messages to China Refrigeration Expo 2026

On behalf of my entire organization SAREK, we extend our heartiest congratulations to CAR (Chinese Association of Refrigeration) for hosting the 37th China Refrigeration Expo which is to be held in Beijing on April 8-10, 2026.

I sincerely appreciate your friendly invitation and would be happy to attend physically. I expect lots of ideas and products in relation with HVAC&R will be widely found in China Refrigeration Expo 2026, and I am sure it will certainly offer valuable information themes on “Empower refrigeration and heat pump with digital intelligence for a new chapter of carbon neutrality” to all participants. Recently, Korea has also been making significant efforts to promote heat pumps using AI technology to achieve carbon neutrality in the building and industrial sectors, a national policy that is very similar to the theme of CR 2026, which is very encouraging.

As we know well CR Expo has been successfully held for past 39 years. It has been reputed as one of the most significant exhibitions in HVAC&R industry and has established itself as a unique and essential professional exhibition through its 39 years’ consistent improvement and innovation.

We have always kept strong relationship between two organizations as our priority and have never resorted to any wrong means for HVAC-R field. It’s our pleasure that we are working with you from last many years and we have always found fruitful results in our work experience.

Congratulations from all of us for your significant journey of 39 years of success and we hope the same for the future also. And we hope to continue doing relationship with you in future.

With Warmest regards

CHANG, Young Soo, Ph.D.
 President
 SAREK, Republic of KOREA





VIETNAM SOCIETY OF REFRIGERATION
AND AIR-CONDITIONING ENGINEERS

HỘI KHOA HỌC KỸ THUẬT LẠNH VÀ ĐIỀU HÒA
KHÔNG KHÍ VIỆT NAM
Address: Room 302, Building A3, No 10 Nguyen Cong
Hoan, Ba Dinh, Hanoi, Vietnam.
Tel: 0243.771.0543 || Fax: 0243.771.0543 .
Email: lanhdhkk@yahoo.com
<http://lanhdhkk.com.vn>

Hanoi, 1st March, 2026

LETTER OF CONGRATULATIONS

It is with great pleasure that The Vietnam Society of Refrigeration and Air-conditioning Engineers (VISRAE) extend the heartfelt congratulations to the China Association of Refrigeration (CAR) on the upcoming organization of the China Refrigeration Expo 2026. This prestigious event continues to affirm its position as one of the foremost international forums in the field of refrigeration and air-conditioning.

Refrigeration and air-conditioning technologies have long become indispensable elements of modern life, exerting profound influence across numerous sectors and driving significant advancements in various industries. These technologies play essential roles in safeguarding food and pharmaceutical products, maintaining comfortable and healthy indoor environments, and supporting the development of innovative technological solutions.

In this context, the China Refrigeration Expo 2026 stands out as a leading global platform that brings together experts, enterprises, and organizations from around the world. The event consistently attracts strong engagement from the international refrigeration and air-conditioning engineering community, including active and meaningful participation from Vietnam.

We wish the China Association of Refrigeration and the China Refrigeration Expo 2026 great success and look forward to continued cooperation in the years ahead.



General Secretary and Vice President of VISRAE

Dr. Nguyen Xuan Tien

Heartiest Congratulation to Chinese Association of Refrigeration for successfully organising the 37th China Refrigeration Expo in Beijing from April 8 – 10, 2026

ASHRAE is honoured and pleased to have the opportunity to co-organise three (3) events with CAR on 3 days during the Expo and they are:

1. CAR-ASHRAE Seminar on “Heat Management Technology and Data Centre”
2. CAR-ASHRAE Region XIII Seminar on “Low Carbon Technology and Future Refrigerant”
3. CAR-ASHRAE Student Design Competition Award Presentation

These seminars and event on award presentation exemplify the close collaboration between CAR and ASHRAE. I wish to highlight specifically on the joint student design competition in China where ASHRAE with the support of ASHRAE Region XIII recognises Chinese student teams in its global competition since 2009 and continued the joint activity every year. The grand prize-winning teams from the CAR-ASHRAE Design Competition Award are sponsored by ASHRAE and CAR to attend the ASHRAE Winter Conference in USA to receive the award, among the other awards being conferred by ASHRAE which are primarily focused on HVAC&R, IEQ, energy efficiency, refrigeration and resiliency within the built environment. The award ceremony is an excellent platform to witness and share knowledge among students, academics, designers and industry practitioners. It is hoped that more Chinese universities will participate beyond this year Competition.

As at now, there are three (3) ASHRAE Student Branches in China and they are Tianjin University, Shanghai Tongji University and Beijing University of Civil Engineering and Architecture which are under the sponsorship of ASHRAE Region XIII. The students from the branches enjoy professional networking and technical education which help in nurturing their career development.

Once again, lot of thanks to CAR for the active collaboration and our profound wishes for an awesome CR Expo 2026.

Thank you.

Best wishes,
Ir Ong Ching Loon
ASHRAE Society Director and Region Chair of Region XIII





Warm congratulations to the CAR (Chinese Association of Refrigeration) and participants of the China Refrigeration Exhibition and Conference.

This prestigious gathering plays an important role in bringing together global experts, researchers, and industry leaders to share innovations and best practices in refrigeration, air-conditioning, heat pumps, and sustainable cooling technologies.

In a time when the world is accelerating the transition toward energy efficiency, climate-friendly refrigerants, and low-carbon cooling, platforms like this are essential to foster collaboration and technological advancement.

We wish the exhibition and conference every success and look forward to the meaningful exchanges and partnerships that will emerge from this event.

Sincerely,

Herlin Herlianika

ASHRAE Indonesia Chapter, Immediate Past chapter president

ASHRAE Region XIII, Regional Officer

Dear Committees and Members of the Chinese Association of Refrigeration,

On behalf of the ASHRAE Malaysia Chapter, it is my great pleasure to extend our warmest congratulations to the Chinese Association of Refrigeration for the successful organization of the China Refrigeration Expo 2026.

With the inspiring theme, “Empower Refrigeration and Heat Pump with Digital Intelligence for a New Chapter of Carbon Neutrality,” this year’s exhibition highlights the critical role of digital innovation in advancing sustainable refrigeration and heat pump technologies. The theme strongly resonates with the global HVAC&R community’s shared commitment to decarbonization, energy efficiency, and the development of intelligent systems for a more sustainable future.

Since its initiation in 1987, the China Refrigeration Expo has grown into one of the most influential and important exhibitions in the HVAC&R industry. Over the past 39 years, the Expo has continually evolved through innovation and improvement, establishing itself as a premier platform that brings together leading academics, industry experts, manufacturers, and professionals from around the world.

We are particularly impressed by the scale and global participation of the upcoming CR Expo 2026. With more than 1,000 exhibitors from over 30 countries and regions, covering an exhibition area of 115,000 square meters and welcoming more than 70,000 technical and trade visitors, the event clearly demonstrates its international significance and its vital role in fostering industry collaboration and technological advancement.

The China Refrigeration Expo has long served as an exceptional platform for knowledge exchange, industry innovation, and international cooperation. It continues to inspire the HVAC&R community by strengthening connections between academia and industry, encouraging technological progress, and promoting mutually beneficial partnerships.

Once again, please accept our sincere congratulations on this remarkable achievement. The ASHRAE Malaysia Chapter looks forward to continued collaboration and knowledge exchange with the Chinese Association of Refrigeration in advancing sustainable and innovative HVAC&R solutions for the global community.

We wish the China Refrigeration Expo 2026 every success.

Yours sincerely,

Kozen Law
 President
 ASHRAE Malaysia Chapter



Congratulatory Message for China Refrigeration Expo 2026

On behalf of the ASHRAE Thailand Chapter, I would like to extend our sincere congratulations to the Organizing Committee of the 37th China Refrigeration Expo 2026 in Beijing.

Over the years, the China Refrigeration Expo has become one of the most influential international platforms for the HVAC&R industry, bringing together professionals from academia, industry, and government to exchange knowledge, showcase innovations, and strengthen global collaboration.

The theme of this year’s Expo, *“Empower refrigeration and heat pump with digital intelligence for a new chapter of carbon neutrality,”* reflects the growing importance of digital technologies and sustainable solutions in addressing global climate challenges.

We commend the Chinese Association of Refrigeration and the organizing committee for their continued dedication to advancing the HVAC&R industry.

On behalf of ASHRAE Thailand Chapter, I wish the **China Refrigeration Expo 2026** great success and look forward to continued collaboration within the global HVAC&R community.

Professor Emeritus Dr.Pantuda Puthipiroj

President
ASHRAE Thailand Chapter





ASHRAE Vietnam Chapter
Ho Chi Minh City, Vietnam

Date: Mar 10, 2026

To: The Organizing Committee, **China Refrigeration Expo**, Beijing, China

Subject: Congratulations on China Refrigeration Expo 2026



Dear Members of the Organizing Committee,

On behalf of the **ASHRAE Vietnam Chapter**, it is my honor to extend our warmest congratulations to the Organizing Committee on the successful organization of the **China Refrigeration Expo 2026 in Beijing**.

Over the years, the China Refrigeration Expo has become one of the most influential global platforms for the refrigeration, air-conditioning, heat pump, and cold chain industries. The Expo consistently promotes technological innovation, professional exchange, and international collaboration among manufacturers, researchers, engineers, and industry leaders worldwide.

This year's theme, "**Empower Refrigeration and Heat Pump with Digital Intelligence for a New Chapter of Carbon Neutrality**," strongly reflects the industry's global direction toward digital transformation, energy efficiency, and sustainable development. These priorities align closely with the mission of **ASHRAE**, which advances the arts and sciences of heating, ventilation, air conditioning, refrigeration, and their allied fields to serve humanity and promote a sustainable world.

As a member Chapter within **ASHRAE Region XIII**, the **ASHRAE Vietnam Chapter** highly values opportunities to strengthen regional cooperation and technical exchange across the Asia-Pacific HVAC&R community. International events such as the China Refrigeration Expo play an important role in connecting professionals, sharing knowledge, and fostering partnerships that advance innovation and sustainability in our industry.

On a personal note, I have had the privilege of attending the China Refrigeration Expo regularly since **2004**, and through these years I have witnessed its remarkable growth and its reflection of the evolving trends of our industry—from conventional refrigeration technologies to today's era of digital intelligence, smart systems, and low-carbon solutions.

We sincerely appreciate the kind invitation extended to our Chapter leadership and look forward to participating in this prestigious event, connecting with industry colleagues, and exploring further opportunities for collaboration.

Once again, please accept our heartfelt congratulations on the successful organization of **China Refrigeration Expo 2026**. We wish the Expo continued success and lasting impact in driving innovation and sustainable development for the global refrigeration and heat pump industry.

Yours sincerely,

Tuan Giang
President
ASHRAE Vietnam Chapter



ASHRAE Hong Kong Chapter

P.O. Box 35612, King's Road Post Office, North Point, Hong Kong
 Email: info@ashrae.org.hk Web: <http://ashrae.org.hk>

ASHRAE 香港分會
 地址: 香港英皇道郵政局 郵政信箱35612號
 電郵: info@ashrae.org.hk 網址: <https://ashrae.org.hk/>

Congratulations on the 37th China Refrigeration Expo 2026

On behalf of the ASHRAE Hong Kong Chapter, I am delighted to extend our heartfelt congratulations to the Chinese Association of Refrigeration for successfully organizing the 37th China Refrigeration Expo 2026.

For nearly four decades, the China Refrigeration Expo has stood as a beacon of excellence in the HVAC&R industry, bringing together global expertise and fostering innovation. We are confident that this prestigious event will once again provide an exceptional platform for industry leaders, academics, and professionals to exchange ideas, showcase cutting-edge technologies, and forge partnerships that will drive our industry toward a more sustainable and intelligent future.

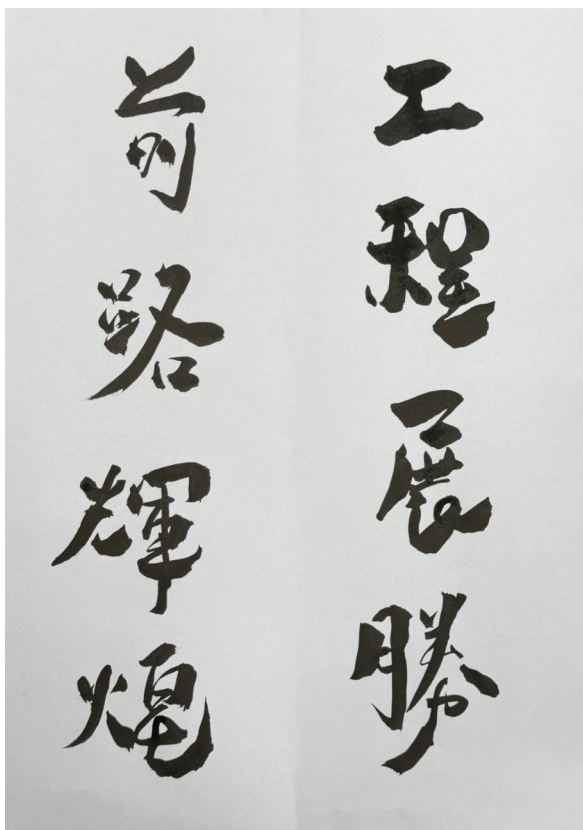
We look forward to the valuable insights and innovations that will emerge from the exhibitions, forums, and symposiums. We wish all exhibitors and participants a productive and rewarding experience, and we extend our best wishes for a resounding success of the China Refrigeration Expo 2026.

Warmest regards,

Jason Kwok
 President (2025-2026)
 ASHRAE Hong Kong Chapter



賀第三十七屆
國際制冷、空調、供暖、通風及食品冷凍加工展覽會
(簡稱“2026中國制冷展”)
完滿成功



ASHRAE 澳門分會
供暖制冷及空調工程師學會會長



To the Organizing Committee of the China Refrigeration Expo

On behalf of the **ASHRAE Taiwan Chapter**, I would like to extend our warmest congratulations to the organizers on the successful organization of this remarkable event.

The China Refrigeration Expo has long served as an important international platform for professionals in the HVACR industry to exchange knowledge, showcase technological innovations, and foster collaboration across the global community. Through the dedication and hard work of the organizing committee, this event continues to bring together experts, researchers, and industry leaders to advance sustainable and innovative solutions for the built environment.

Personally, since entering the HVACR industry in 2012, the China Refrigeration Expo has been an event that I have visited regularly to learn, observe, and exchange experiences with professionals from across the industry. Each year, the exhibition allows us to truly experience the vitality and continuous development of the HVACR industry. As the Expo is hosted in different cities, it also offers a unique opportunity to experience the culture of each city while promoting meaningful exchanges among professionals from diverse backgrounds.

We sincerely commend the organizers for their commitment to promoting technological development, professional exchange, and industry progress. Such efforts play a vital role in strengthening cooperation within the HVACR community and contributing to a more energy-efficient and sustainable future.

Once again, congratulations on the continued success of the China Refrigeration Expo. We wish the event every success and look forward to further opportunities for collaboration and knowledge exchange in the years ahead.

Sincerely,

Gavin Chang

President (2024–2026)

ASHRAE Taiwan Chapter





The Hong Kong Air Conditioning and Refrigeration Association Limited
香港空調及冷凍商會有限公司

A Founding Association of HKFEMC

中国制冷展二零二六年致庆

精益求精推动制冷事业
匠心致远共创节能新篇
祝中国制冷展圆满成功



香港空調及冷凍商會

梁栢泉
會長



賀詞

中國製冷博覽會 2026

謹代表英國屋宇設備工程師學會香港分會 (CIBSE Hong Kong Region), 衷心祝賀「中國製冷博覽會 2026」之盛大開幕。

本屆博覽會以「賦能製冷與熱泵, 以數位智慧開啟碳中和之新篇章」為主題, 正突顯我們當前最關鍵的挑戰之一: 在確保建築環境舒適性、可靠性與高效能的同時, 實現永續的低碳發展。由是, 數位智能技術結合高效能製冷與熱泵技術, 將成為提升能源效能、減少排放量, 並推動邁向碳中和進程的關鍵驅動力。

長久以來, 中國製冷博覽會是全球制冷、暖通空調及建築設備領域的領先平台。透過匯聚全球專家、學者及產業領袖, 本博覽會對推動數位創新、促進專業交流及強化國際合作發揮著關鍵作用。英國屋宇設備工程師學會香港分會 (CIBSE Hong Kong Region) 非常樂意支持, 並見證業界積極應用相關創新技術, 使本地、以至全球各地的建築環境, 更環保、更安全及更具持續性。我們相信, 「中國製冷博覽會 2026」將進一步激發創新活力, 促進實質性對話, 並深化專業人士及組織間的緊密合作。

我再次衷心祝願本屆博覽會圓滿成功, 所有參與者能展開富有成果的討論、建立高效的合作伙伴關係, 並取得令人振奮的成果。

A handwritten signature in black ink, appearing to read '梅國威'.

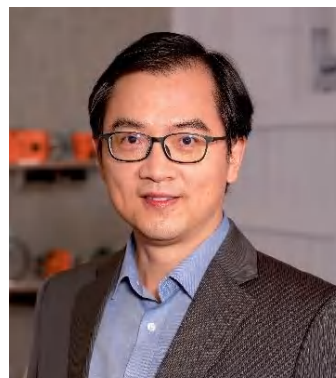
梅國威教授

英國屋宇設備工程師學會香港分會主席 2026 (CIBSE Hong Kong Region)



香港荃灣柴灣角街 35-45 號裕豐工業大廈 13 樓 7 室
電話: 2890 2622 傳真: 2890 2653 網址: www.hkaee.org

Rm 7, 13/F, Yue Fung Ind. Bldg., 35-45 Chai Wan Kok Street, Tsuen Wan, HK
Tel: (852) 2890 2622 Fax: (852) 2890 2653 Website: www.hkaee.org



香港能源工程師學會會長

王榮耀工程師 敬賀

精研冷暖 智匯行業新篇
篤行低碳 共筑能源未來

中國制冷展二零二六

Incorporated in Hong Kong with limited liabilities



匯聚同業 共建繁榮



香港註冊專門承建商(通風系統)協會
HONG KONG REGISTERED SPECIALIST CONTRACTORS (VENTILATION) ASSOCIATION

主席 梁志明

祝展覽圓滿成功

2026年中國製冷展

台灣冷凍空調學會 管行德理事長
暨全體理事 敬賀





恭祝二〇二六年第三十七屆中國制冷展

聚制冷精英 創低碳未來

台灣區冷凍空調工程工業同業公會
理事長 陳秋雄 敬賀

恭賀 2026 中國制冷展成功

智匯冷暖新篇章
碳索淨零好願景

台灣省冷凍空調技師公會
理事長及全體理監事敬賀

恭賀
2026 中國制冷展圓滿成功

數智環控 淨零前瞻
冷暖標竿 圓滿大成

冷凍空調技師公會全聯會
理事長施繼昌 暨全體理監事 敬賀

Timetable for CRH 2026

DATE	TIME	PROGRAM	VENUE
April 8 th	08:45-11:45	Opening Ceremony and CRH 2026 Forum	Grand Ballroom B, 3 rd Floor, Capital International Convention Center
April 8 th	09:00-17:30	Exhibition	Capital International Exhibition & Convention Center
April 9 th	09:00-17:30		
April 10 th	09:00-16:00		
April 8 th -9 th	09:30-16:30	CRH 2026 Symposiums	Capital International Convention Center
April 8 th -10 th	08:30-18:00	Technical Seminars	Capital International Exhibition & Convention Center Capital International Convention Center Section B, Yunnan Grand Ballroom, 3 rd Floor, Crowne Plaza Beijing Sun Palace Meeting Room 9, Crowne Plaza Hotel near Beijing Airport

CRH 2026 Forum (Simultaneous Interpretation)

TIME	VENUE	TOPIC
April 8 th 09:00-11:45	Grand Ballroom B, 3 rd Floor, Capital International Convention Center	<ol style="list-style-type: none"> 1. New-Type Power System and Energy Internet: Background, Challenges, and Integrated Development with the Building Sector ——Prof. SUN Hongbin, Academician of the Chinese Academy of Sciences, President and Professor of Taiyuan University of Technology 2. High-Temperature Heat Pump Technology and Industrial Development ——Prof. WANG Ruzhu, Chair Professor at Shanghai Jiao Tong University, Director of the Institute of Refrigeration and Cryogenic Engineering 3. Promoting the Development of Technology-Driven, Eco-Friendly, Quality-Focused, and Brand-Oriented Agriculture to Build China into an Agricultural Powerhouse ——Prof. DU Zhixiong, Director-General of the Institute of Rural Development, Chinese Academy of Social Sciences 4. International Refrigeration Research and Development with Industrial Applications ——Prof. Min Soo KIM, President of the General Conference of International Institute of Refrigeration (IIR)

CRH 2026 Symposiums

DATE	TIME	TOPIC	VENUE
April 8 th	14:00-16:30	Symposium 1: National Youth Talent Forum on Building Environment and Energy Engineering (BEEE) in Higher Education Institutions	Meeting Room 105, Capital International Convention Center
	13:30-16:30	Symposium 2: Technical Forum on Cold Chain Equipment	Meeting Room 107, Capital International Convention Center
	13:30-16:30	Symposium 3: New Technology of Refrigerating Compressor	Meeting Room 201, Capital International Convention Center
	13:30-16:30	Symposium 4: Products and Technologies of Energy-saving and CO ₂ Emission Reduction	Meeting Room 202, Capital International Convention Center
	13:30-16:30	Symposium 5: Special Technical Report on New Standards of Refrigeration and Air-conditioning Equipment	Meeting Room 203, Capital International Convention Center
	13:30-16:30	Symposium 6: Cool & Clean Future — Next-Generation Data Center Cooling Technology Innovation and Application Forum	Meeting Room 205, Capital International Convention Center
	13:30-16:30	Symposium 7: Technical Innovation and Application for R&AC	Meeting Room 206, Capital International Convention Center
	13:30-16:30	Symposium 8: Industrial Heat Pump Application Analysis	Meeting Room 207, Capital International Convention Center
	14:00-16:00	Symposium 9: Senior Engineer Forum of CAR	Meeting Room 302, Capital International Convention Center
	14:00-16:30	Symposium 10: Advanced Refrigeration Technology Application Seminar	Meeting Room 303, Capital International Convention Center
	13:30-16:30	Symposium 11: Agricultural Product Cold Chain: New Developments, Demands, and Technologies	Meeting Room 305, Capital International Convention Center
	13:30-16:30	Symposium 12: AI for Refrigeration (2 nd Edition)	Meeting Room 306, Capital International Convention Center
	14:00-16:30	Symposium 13: Techniques for Compressor Application—Compressor for Industrial Heat Pump	Meeting Room 307, Capital International Convention Center
	14:00-16:30	Symposium 14: Photovoltaic Direct-Drive Heat Pump with Flexible Energy Consumption Regulation	Meeting Room 308, Capital International Convention Center
	14:00-16:30	Symposium 15: The 4 th Novel Energy Storage and Advanced Low-Carbon Technology Forum	Meeting Room 309, Capital International Convention Center
	13:30-16:30	Symposium 16: Green Data Center Cooling	Meeting Room 310, Capital International Convention Center

DATE	TIME	TOPIC	VENUE
April 8 th	14:00-16:30	Symposium 17: Healthy and Smart Residential Environment	Meeting Room 311, Capital International Convention Center
	13:30-16:30	Symposium 18: Advancements in Building Heating Technologies in the Context of the Dual Carbon Goals	Meeting Room 312, Capital International Convention Center
	13:30-16:30	Symposium 19: 2026 Ozone2Climate Technology Industry Roundtable (Chinese-English Simultaneous Interpretation)	2026 Ozone2Climate Technology Roadshow and Industry Roundtable (Booth#A2-E63)
April 9 th	09:30-12:00 13:30-16:30	Symposium 19: 2026 Ozone2Climate Technology Industry Roundtable (Chinese-English Simultaneous Interpretation)	2026 Ozone2Climate Technology Roadshow and Industry Roundtable (Booth#A2-E63)
	09:30-12:00	Symposium 20: The 8 th Air Purification and Fresh Air Industry Technology Symposium	Meeting Room 107, Capital International Convention Center
	09:30-12:00	Symposium 21: Green and Low-carbon Refrigerant Development Forum	Meeting Room 201, Capital International Convention Center
	09:30-12:00	Symposium 22: Special Forum on Collaborative Innovation and High-quality Development of Refrigeration (Heat Pump) Air-conditioning Equipment Industry Chain	Meeting Room 202, Capital International Convention Center
	09:30-12:00	Symposium 23: High Energy-efficient Evaporative Cooling Technology	Meeting Room 203, Capital International Convention Center
	09:30-12:00	Symposium 24: Symposium on Smart Maintenance Technology Development and Talent Cultivation for Refrigeration and Air Conditioning Engineering	Meeting Room 205, Capital International Convention Center
	09:30-12:00	Symposium 25: Forum on the Application of Low-Carbon Technologies in Chemical Processes	Meeting Room 207, Capital International Convention Center
	09:30-12:00	Symposium 26: Refrigerant Alternatives and Energy Efficiency Improvements for Rooftop Units, Ducted and VRF Systems (Chinese-English Simultaneous Interpretation)	Meeting Room 302, Capital International Convention Center
	09:30-12:00	Symposium 27: Alternative Refrigerants for Small and Medium Cold Storage	Meeting Room 303, Capital International Convention Center
	09:30-12:00	Symposium 28: Cold Chain Expansion: International Channel Building and Industrial Innovation	Meeting Room 305, Capital International Convention Center
	09:30-12:00	Symposium 29: High-Quality Development Forum on Cold Chain	Meeting Room 306, Capital International Convention Center
09:30-12:00	Symposium 30: Refrigeration System with Oil Free Compressor	Meeting Room 307, Capital International Convention Center	

DATE	TIME	TOPIC	VENUE
April 9 th	09:30-12:00	Symposium 31: The 10 th Light Commercial Refrigeration Technology Integration Forum between Industry and Education	Meeting Room 308, Capital International Convention Center
	09:30-12:00	Symposium 32: Refrigerant Substitution Technology of Vehicle Thermal Management System	Meeting Room 309, Capital International Convention Center
	09:30-12:00	Symposium 33: Air Conditioning Technology for Zero Carbon Building	Meeting Room 310, Capital International Convention Center
	09:30-12:00	Symposium 34: Built Environment and Human Factors Engineering	Meeting Room 311, Capital International Convention Center
	09:30-12:00	Symposium 35: Key Technologies and Engineering Practices of High-Efficiency Heat Pumps	Meeting Room 312, Capital International Convention Center
	12:00-13:00	Symposium 36: European Legislation and Its Impact on Manufacturers in China (Chinese-English Simultaneous Interpretation)	Meeting Room 206, Capital International Convention Center
	14:00-16:30	Symposium 37: Seminar on Cultivating Excellent Engineers	Meeting Room 105, Capital International Convention Center
	13:30-16:30	Symposium 38: Symposium on Technology and Policies of LNG Cold Energy Recovery and Utilization	Meeting Room 107, Capital International Convention Center
	13:30-16:30	Symposium 39: NEV Thermal Management System	Meeting Room 201, Capital International Convention Center
	13:30-16:30	Symposium 40: R&HVAC for Rail Transit	Meeting Room 202, Capital International Convention Center
	13:30-16:30	Symposium 41: New Power Battery and Energy Storage Thermal Management Technology Forum	Meeting Room 203, Capital International Convention Center
	14:00-16:30	Symposium 42: Heat Pump Technology Innovation and Development Forum	Meeting Room 205, Capital International Convention Center
	14:00-16:30	Symposium 43: Symposium on National Standards for Ducted Air Conditioners and Direct Refrigerating Central-station Air Conditioning Units (Chinese-English Simultaneous Interpretation)	Meeting Room 206, Capital International Convention Center
	13:30-16:30	Symposium 44: Special Forum on Grade-up Utilization Technologies and Equipment for Industrial Waste Heat	Meeting Room 207, Capital International Convention Center
	14:00-16:30	Symposium 45: Eco-Friendly Refrigeration Technology Workshop	Meeting Room 303, Capital International Convention Center
	13:30-16:30	Symposium 46: Application of Digital Intelligence and Green Energy in Cold Chain	Meeting Room 305, Capital International Convention Center
	13:30-16:30	Symposium 47: The 17 th National Advanced Seminar on Ice Maker Industry and the 15 th Advanced Seminar on Refrigeration Machinery Equipment	Meeting Room 306, Capital International Convention Center

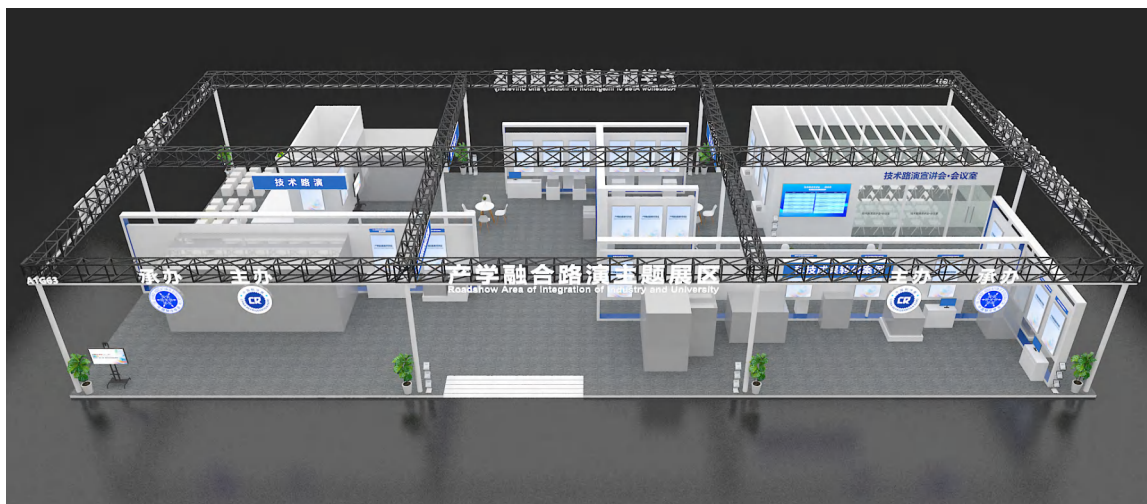
DATE	TIME	TOPIC	VENUE
April 9 th	13:30-16:30	Symposium 48: Seminar on Compressor Friction and Lubrication Technology in the Context of Carbon Peaking and Carbon Neutrality	Meeting Room 307, Capital International Convention Center
	14:00-16:30	Symposium 49: Environment Simulation and Testing Technology	Meeting Room 308, Capital International Convention Center
	13:30-16:30	Symposium 50: Technical Forum on Robots and Aircrafts Thermal Management	Meeting Room 309, Capital International Convention Center
	13:30-16:30	Symposium 51: Advances of AI-aided Intelligent Operation of Refrigeration, Heat Pump and Air-conditioning Systems	Meeting Room 310, Capital International Convention Center
	14:00-16:30	Symposium 52: VRF Technology	Meeting Room 311, Capital International Convention Center
	13:30-16:30	Symposium 53: Technology Innovation and Application in Industrial Refrigeration and Heat Pump	Meeting Room 312, Capital International Convention Center

CRH 2026 Technical Seminars

DATE	TIME	COMPANY	TOPIC	VENUE
April 8 th	11:30-13:30	China Refrigeration and Air-Conditioning Industry Association (CRAA)	Press Conference of the 20 th China R&AC Industry Science and Technology Contest for University Students	Meeting Room 107 Capital International Convention Center
	14:00-15:00	Shrieve Chemical (Shanghai) Co., td.	Lubricant Development for Low GWP Refrigerant and Heat Pump Application	Meeting Room A1-03 Capital International Exhibition & Convention Center
	14:00-16:30	Chinese Association of Refrigeration	Meeting for the Re-election of the Group Standards Committee of Chinese Association of Refrigeration	Meeting Room 106 Capital International Convention Center
April 9 th	08:30-12:00	The Organizing Committee of China Refrigeration Expo Building Environment and Energy Application Branch of China Engineering & Consulting Association (BEEAB)	Technical Seminar of National Chief Engineer Delegation	Section B, Yunnan Grand Ballroom, 3 rd Floor, Crowne Plaza Beijing Sun Palace
	09:00-12:00	Chinese Association of Refrigeration	The 2 nd Working Meeting of the 1st Industrial Refrigeration Technical Committee of Chinese Association of Refrigeration (Closed-door Meeting)	Meeting Room 106 Capital International Convention Center
	09:30-12:00	Chinese Association of Refrigeration	Inaugural Meeting and the First Working Meeting of Technical Committee of Artificial Intelligence Application of Chinese Association of Refrigeration (Closed-door Meeting)	Meeting Room 105 Capital International Convention Center
	10:00-12:00	INTERTEK	2026 Data Center Cooling Technology Seminar	Meeting Room A1-03 Capital International Exhibition & Convention Center
	13:30-15:30	Idemitsu Lube (China) Co., Ltd. Guangzhou Trusty International Co., Ltd.	Development History and Future Prospects of Idemitsu Refrigeration Oils	Meeting Room A1-01 Capital International Exhibition & Convention Center

DATE	TIME	COMPANY	TOPIC	VENUE
April 9 th	13:30-14:30	Chinese Association of Refrigeration ASHRAE National Steering Committee for Higher Education in Built Environment and Energy Engineering, Building Electrical and Intelligent	The 17 th CAR-ASHRAE Student Design Project Competition Award Ceremony	Meeting Room 302 Capital International Convention Center
	14:00-15:00	BITZER Refrigeration Technology (China) Co., Ltd.	BITZER Solutions for the Quick-Freezing Industry in Pursuit of Dual Carbon Goals	Meeting Room, 2 nd Floor, North Entry, Capital International Exhibition & Convention Center
	14:00-16:30	Chinese Association of Refrigeration	Working Meeting of the Cold Chain Transportation Committee, Chinese Association of Refrigeration	Meeting Room 106 Capital International Convention Center
	14:45-15:45	Chinese Association of Refrigeration National Steering Committee for Higher Education in Built Environment and Energy Engineering, Building Electrical and Intelligent	The 6 th National Young Faculty Teaching Skills Competition in Building Environment and Energy Engineering: Award Ceremony	Meeting Room 302 Capital International Convention Center
	16:00-18:00	Chinese Association of Refrigeration	Technical Exchange Meeting on Built Environment and Energy Engineering (Closed-door Meeting)	Meeting Room 302 Capital International Convention Center
	16:00-18:00	Xi'an Jiaotong University	The 70 th Anniversary Conference of the Compressor and Refrigeration Discipline	Meeting Room 9 Crowne Plaza Hotel near Beijing Airport
April 10 th	08:30-12:00	Chinese Association of Refrigeration National Steering Committee for Higher Education in Built Environment and Energy Engineering, Building Electrical and Intelligent	Kick-off Meeting of the 2 nd National Youth Talent Support Program for Building Environment and Energy Engineering in Higher Education Institutions (Closed-door Meeting)	Meeting Room 305 Capital International Convention Center
	09:00-11:30	Chinese Association of Refrigeration	Inaugural Meeting & First Plenary Session of Robotics and Aircraft Thermal Management Committee of Chinese Association of Refrigeration (Closed-door Meeting)	Meeting Room 302 Capital International Convention Center
	09:30-12:00	Chinese Association of Refrigeration	Seminar for Engineering Competence Development Committee of Chinese Association of Refrigeration (Closed-door Meeting)	Meeting Room 106 Capital International Convention Center

Roadshow Area of Integration of Industry and University will be unveiled at CRH 2026



To promote deep integration of industry, university, and research in the refrigeration field, drive technological innovation, and accelerate the green development transformation and global leadership of China's refrigeration industry, the third "Roadshow Area of Integration of Industry and University" (hereinafter referred to as the "Roadshow Area") will be organized during the CRH 2026.

The Roadshow Area is organized by the CRH Organizing Committee of the , hosted by Chinese Association of Refrigeration, and co-organized by the Industry-University Integration Working Committee of Chinese Association of Refrigeration. It is located at Booth A1G63, Hall A1, Capital International Exhibition & Convention Center, covering an area of more than 500 square meters, and has two sections: "Excellent Cases of Transformation of Scientific and Technological Achievements" and "Technology Roadshow".

1. Technology Roadshows

51 projects from 23 universities and research institutes will be exhibited in the form of "posters + objects" in the Roadshow Area during CRH 2026, and the project leaders will communicate in the poster area within a specific time period; building on this, 21 of these projects will hold presentations for enterprises in the area's conference room from 13:00 to 16:30 on April 8 (the first day of the Expo). Experts will introduce existing achievements and potential collaborations, creating a platform for exchange to facilitate school-enterprise cooperation. The list of exhibition and presentation projects is as follows (presentation projects are marked in green):

Serial Number	Project Name	Name of Producer	Project Leader	Presentation Time
1	Composite Air Conditioning System with CO ₂ Hydrate Refrigeration and Cold Energy Storage	Beijing University of Technology	Wang Lei, Lecturer	
2	Immersive Liquid-Cooled / Thermosyphon Zoned Cooling System	East China Jiaotong University	Zou Sikai, Associate Professor	
3	Multi-Field Collaborative Physical Preservation Technology, Equipment and Industrialization for Cold Chain Food	Shanghai Maritime University	Kan Ankang, Senior Engineer	13:00—13:10
4	Jet-Type Auto-Cascade Ultra-Low Temperature Refrigeration System	Shanghai Maritime University	Li Qingpu, Lecturer	
5	Direct Refrigerant Cooling (Heat Pump) Unit and Thermal Management System for Electrochemical Energy Storage	University of Shanghai for Science and Technology	Wu Weidong, Professor	
6	Photovoltaic-Grid Hybrid Power Supplied Cascade Cold Storage Refrigeration System	Tianjin University of Commerce	Sun Huan, Professorate Senior Engineer	
7	Fully Pre-assembled Refrigeration Equipment and Its Application Method	Tianjin University of Commerce	Wu Dongxia, Associate Professor	
8	Food Constant-Temperature Storage Device Based on Physical Field Synergy	Tianjin University of Commerce	Zhao Songsong, Associate Professor	13:10—13:20
9	High-Speed Liquid-Cooled Pump Based on Self-Lubricating Hydrodynamic Bearing with Working Fluid	Xi'an Jiaotong University	Chen Shuangtao, Professor	
10	Ultra-Low Temperature Refrigerator Technology Based on Reverse Brayton Air Refrigeration Cycle	Xi'an Jiaotong University	Chen Shuangtao, Professor	13:20—13:30
11	Heat Pump for Step Recovery of Deep Enthalpy from Flue Gas	Beijing University of Technology	Wang Lei, Lecturer	13:30—13:40
12	Dual-Source Heat Pump Unit	Ma'anshan University	Wang Jiping, Professorate Senior Engineer	
13	A Novel Finned Tube Heat Exchanger for Reducing Refrigerant Charge of R290 Air Conditioner	Beijing University of Technology	Xu Shuxue, Associate Researcher	13:40—13:50
14	Cascade Evaporative Power Heat Pipe Air Conditioner	Huazhong University of Science and Technology	Shao Shuangquan, Professor	13:50—14:00

Serial Number	Project Name	Name of Producer	Project Leader	Presentation Time
15	Ultra-Low-Temperature Air-Source Heating Technology Based on Quasi Two-Stage Compression with Liquid Carryover at Compressor Suction	Beijing University of Technology	Wei Wenzhe, Associate Professor	
16	Development of a Transcritical CO ₂ Heat Pump Prototype Integrating Mechanical Subcooling and Vapor Injection	Tianjin University of Commerce	Dai Baomin, Professor	
17	Refrigerant Centrifugal Compression Technology Based on High-Speed Aerodynamic Bearings	Xi'an Jiaotong University	Chen Shuangtao, Professor	14:00—14:10
18	Magnetic Resonance Oil-Free Linear Compressor and Attitude-Following Active Thermal Control Unit	Technical Institute of Physics and Chemistry, the Chinese Academy of Sciences	Zou Huiming, Researcher	14:10—14:20
19	Ultra-Low-Temperature Printed Circuit Heat Exchanger	Shanghai Maritime University	Zhen Tian, Professor	14:20—14:30
20	Development of Simulation and Design Selection Software for Finned Tube Heat Exchangers	Tianjin University of Commerce	Dai Baomin, Professor	14:30—14:40
21	Intelligent Design Platform for High-Efficiency Heat Transfer Equipment	Xi'an Jiaotong-Liverpool University	Huang Long, Associate Professor	14:40—14:50
22	Anti-Frosting and Defrosting Technology for Superhydrophobic Heat Exchangers in Air-Source Heat Pumps Based on Cross-Climate Adaptability	Chang'an University	Gu Yaxiu, Professor	
23	Novel Annular Elliptical Finned-Tube Evaporative Condenser	Chang'an University	Gu Yaxiu, Professor	14:50—15:00
24	Precision Humidity Control Device for Microenvironment Based on Humidity Electrolysis	South China University of Technology	Qi Ronghui, Professor	15:00—15:10
25	Liquid-Cooled Humidity-Controlling Garment Based on Hollow Fiber Membrane	Nanjing Tech University	Zhou Junming, Associate Professor	
26	Low-Resistance and Low Energy Building Distribution Systems and Terminals	Xi'an University of Architecture and Technology	Gao Ran, Professor	
27	Rotary Deep Dehumidification Air Conditioning System with Flexible Operation Strategy	Xi'an Jiaotong University	Guan Bowen, Associate Professor	

Serial Number	Project Name	Name of Producer	Project Leader	Presentation Time
28	Digital Twin-Based Smart Control System for High Efficiency Chiller Plants	Huazhong University of Science and Technology	Deng Jiewen, Lecturer	
29	Intelligent Selection and Smart Management System for HVAC	University of Shanghai for Science and Technology	Chen Yongbao, Associate Professor	
30	Performance Simulation Analysis Software for Refrigeration and Air Conditioning Systems	University of Shanghai for Science and Technology	Xu Jingxuan, Associate Professor	15:10—15:20
31	BIM-Based Automated Design for HVAC Systems in Public Buildings	Tongji University	Xu Peng, Professor	
32	Intelligent Inspection Robot for Building HVAC Systems	Tongji University	Xu Peng, Professor	15:20—15:30
33	AI-Based Real-Time Indoor Microorganism Monitoring System	Chongqing University	Liu Huan, Assistant Researcher	
34	Lithium Bromide Solution Crystallization Energy Storage Device	Beijing University of Civil Engineering and Architecture	Wang Gang, Associate Professor	15:30—15:40
35	Photovoltaic DC Direct-Drive Module for Air Conditioning/Heat Pumps	Beijing University of Civil Engineering and Architecture	Xu Rongji, Professor	
36	Experimental Testing and Software Development for Thermophysical Properties of New Environmentally Friendly Working Fluids	Beijing Institute of Technology	Yang Tao, Associate Researcher	
37	Design and Optimization Methods of Hybrid Heat Pump Systems for Industrial Heating Applications	Harbin Institute of Technology	Dong Shihao, Associate Researcher	
38	Self-cooling Photovoltaic Blinds	Harbin Institute of Technology	Guo Jiwei, Associate Researcher	
39	Novel Condenser	Harbin Institute of Technology	Guo Jiwei, Associate Researcher; Jiang Yiqiang, Professor	
40	Interactive Cascade Ventilation (ICV): A "Peacetime–Emergency Integrated" Indoor Environment Control System for National Biosecurity and Dual-Carbon Strategy	Hebei University of Technology	Li Han, Professor	

Serial Number	Project Name	Name of Producer	Project Leader	Presentation Time
41	Intelligent Diagnosis and Quantitative Refrigerant Leak Monitoring Technology for Portable and Deployable Refrigeration Systems	University of Shanghai for Science and Technology	Han Hua, Associate Professor	
42	Future Energy Consumption Prediction and Optimal Control Technology for Energy-Efficient and Comfortable Building Air Conditioning Systems	University of Shanghai for Science and Technology	Han Hua, Associate Professor	
43	Measurement of Thermophysical Properties of Refrigerant/Lubricant Oil Systems and Development of Specialized Equations of State	Taiyuan University of Technology	Zhao Guanxia, Professor	15:40—15:50
44	Low-Pressure Flash Release Treatment System for Material Contaminants	Tianjin University	Lv Mengqiang, Assistant Researcher	
45	Preparation, Regulation and Performance Study of Multifunctional Shape-Stabilized Composite Phase-change Energy Storage Materials	Tianjin University of Commerce	Wang Tiejing, Associate Professor	15:50—16:00
46	Air Environment Control Solution for Clean Room and Equipment	Tongji University	Zeng Lingjie, Assistant Professor	
47	Organic Carbon Pump Equipment for High-Value VOCs Concentration and Phase-Change Purification	Tongji University	Gao Jun, Professor	16:00—16:10
48	Key Technologies and Applications for High-Efficiency Dehumidification Based on Heat Pump Rotary Coupling	Tongji University	Su Xing, Professor	16:10—16:20
49	Integrated Smart Energy Storage and Charging System	Tongji University	Zhu Han, Assistant Professor	
50	Design Optimization and Energy Efficiency Enhancement Technology for Geothermal Multi-Energy Coupled Building Energy Supply Systems	Xi'an Jiaotong University	Cai Wanlong, Assistant Professor	
51	LNG Cold Energy Coupling with Liquid Air Energy Storage Technology	China University of Petroleum, Beijing	Zhang Jinya, Professor	16:20—16:30

The presentation will adopt a pre-registration system, and on-site registration will not be accepted. Enterprises are encouraged to send relevant business representatives to attend and complete online registration by scanning the QR code below. Seats are limited and will be allocated on a first-come, first-served basis.



II. Excellent cases of transformation of scientific and technological achievements

13 Excellent cases of transformation of scientific and technological achievements will be showcased in the exhibition area in the form of "posters + physical exhibits". On the morning of April 9, interviews will be conducted for 6 of these projects (highlighted in bold) with simultaneous online livestreaming, providing an up-close look at the product features and industry-University integration models. Project list (sorted alphabetically by product name):

Serial Number	Product Name	Name of Producer
1	120RT Suspension-type Centrifugal Refrigeration Compressor	Anhui Runan Sibian Energy Technology Co., Ltd. Xi'an Jiaotong University
2	1200kW Absorption-Type Air-Source Heat Pump	Zhongke Minghui (Jinan) Energy Technology Co., Ltd. Technical Institute of Physics and Chemistry, the Chinese Academy of Sciences
3	Bodhi Evaporative Cooling Heat Exchanger and Year-round Cooling Outdoor Unit	Suzhou Seitek Air Conditioning Equipment Co., Ltd. Huazhong University of Science and Technology Jiangsu Yuanzhuo Equipment Manufacturing Co., Ltd.
4	Mobile Training Program and Demonstration Equipment for CO2 Transcritical Systems	Danfoss (China) Investment Co., Ltd. Chinese Association of Refrigeration Tianjin University of Commerce Tianjin Refrigeration Association
5	Ultra-Low Temperature Auto-cascade Refrigerator	Tianjin University of Commerce KOMEK Technology Ind Co., Ltd.
6	Low-Temperature Air-Source Heat Pump with Defrosting and Air Replenishment	Beijing University of Technology Nanjing TICA Climate Solutions Co., Ltd.
7	Human-Sensing Intelligent Control Household Central Air Conditioner Based on Thermal Comfort Prediction	Xiaomi Smart Home Appliances (Wuhan) Co., Ltd. Huazhong University of Science and Technology
8	Cooling Module Assembly	Zhejiang Yinlun Machinery Co., Ltd. Zhejiang University
9	High-Temperature Waste Heat Source Heat Pump for Industrial High-Temperature Heat Demand up to 160°C	Shanghai Jiao Tong University Shanghai Nuotong New Energy Technology Co., Ltd. Suzhou Weishans Climate Technologies Co., Ltd.
10	Programmable Cooling Device with Lifting Function	University of Shanghai for Science and Technology Origincell Technology Group Co., Ltd
11	New Generation Active Control Distributor—Quantitative Liquid Supply Technology for Dry Evaporator	Tianjin University of Commerce Horizon (Tianjin) Science and Technology Application Research Co., Ltd.
12	Intelligent and Efficient Integrated Energy Management Platform	Anhui Runan Sibian Energy Technology Co., Ltd. Harbin Institute of Technology
13	Multi-Sensor Online Calibration and High-Quality Data Self-Generation Technology for Refrigeration Rooms	Nanjing Tech University The Second Construction Co., Ltd. of China Construction Third Engineering Bureau

Please stay tuned for updates on the Roadshow Area of Integration of Industry and University. We warmly welcome you to visit and engage with us from April 8 to 10!

2026 Ozone2Climate Technology Roadshow and Industry Roundtable

The 2026 Ozone2Climate Technology Roadshow and Industry Roundtable will be held at Booth A2E63 of CRH 2026 from April 8 to 10, 2026.

Ever since Ozone2Climate Technology Roadshow and Industry Roundtable was convened during CRH in 2012, it has grown into a critical platform to exchange Ozone2Climate friendly information amongst HVAC & R sectors, and it has done its indispensable part in achieving the stage-wise contract-fulfilling objective defined in *Montreal Protocol* for the concerned industries in China and world at large.

The roundtable will be held in the conference area of Booth A2E63 under the theme "Achievements and Challenges of the Refrigeration Industry on the 10th Anniversary of the Kigali Amendment." Project officers from environmental protection authorities in China, the United States, Europe, and other regions, as well as experts and representatives from relevant international organizations and global industry sectors, will be invited to speak. The roadshow exhibition area will feature over 40 domestic and international refrigeration and air conditioning industry enterprises and organizations showcasing the latest green, low-carbon alternative technologies and substitutes with zero ODP and lower GWP values.

Schedule of events:

Activity Name		Time	Location
Ozone2Climate Technology Roadshow		April 8–10 9:00–17:00	Booth No.: A2E63
Industry Roundtable	Policies and Challenges	April 8 13:30–16:30	
	Refrigerant Alternative Technologies	April 9 9:30–12:00	
	Good Practices in the Servicing Sector	April 9 13:30–16:30	

Welcome to log in via scanning as simultaneous interpretation in Chinese and English is available during the roundtable conference.



2026 Ozone2Climate Technology Industry Roundtable Agenda (Chinese-English Simultaneous Interpretation)

Time: April 8-9, 2026

Venue: Capital International Exhibition & Convention Center Ozone2Climate Technology Roadshow and Industry Roundtable (Booth# A2E63)

Topic1: Policies and Challenges

13:30-16:30, April 8

Lectures:

1. Progress of Implementation of the Montreal Protocol and Kigali Amendment
——Ms. Yang Qian, Division of Ozone Layer Protection, Department of Atmospheric Environment, Ministry of Ecology and Environment
2. Green Alternative Practices and Sustainable Compliance Challenges in China's ICR industry
——Mr. Ma Peiling, Senior Program Officer, FECO
3. Policy Framework in the Refrigeration and Air-conditioning Servicing Sector in the Context of the Kigali Amendment Implementation
——Mr. Mikheil Tushishvili, Montreal Protocol Officer & ExCom Coordinator & Interim Regional Coordinator for South Asia Network, UNEP
4. Progress on both the Kigali Amendment and Transformation Policies for the Refrigeration and Air-Conditioning Industry
——Ms. Cheng Bingxin, Programme Associate, UNDP China
5. Promoting Lifecycle Refrigerant Management and Fast Transition to Sustainable Cooling Technologies: Initiatives by the Climate and Clean Air Coalition
——Ms. Denise San Valentin, Programme Management Officer, Climate and Clean Air Coalition (CCAC)
6. Update from the United States: Refrigerant Transition, New Refrigerant Research, New Regulatory Path
——Mr. Stephen Yurek, CEO & President, Air-Conditioning, Heating, and Refrigeration Institute (AHRI)
7. An Update on the EU's F-Gas Regulation and on the Proposed PFAS Restriction
——Mr. Russell Patten, Director General, European Partnership for Energy and the Environment (EPEE)
8. Roadmap for Achieving Near-zero HFCs Emissions in China's Refrigeration, Air Conditioning and Heat Pump (RACHP) Sector

—Mr. Zheng Tan, Program Officer, Energy Foundation

Topic2: Refrigerant Alternative Technologies

9:30-12:30, April 9

Lectures:

1. Natural Refrigerants - Latest Global Market Trends in Refrigeration, Heat Pumps and Chillers

—Mr. Jan Dusek, Manager/COO of APAC business development, ATMOSphere

2. Safety Requirements and Test Specifications for Refrigeration and Air-Conditioning Products Using Flammable Refrigerants

—Mr. Xie Baogang, Vice President/Senior Engineer, Hefei General Machinery & Electrical Products Inspection Institute

3. Reducing Methods and Applications of Combustible Refrigerant Charge in Unitary Air Conditioners

—Prof. Zhang Hua, Vice President, University of Shanghai for Science and Technology

4. New Progresses of High Efficiency Compressors and Alternative Refrigerant Technologies

—Prof. Xing Ziwen, Xi'an Jiaotong University

5. Industrial High-Temperature Heat Pump Solution: New Breakthrough in Water Vapor Compressor Applications

—Mr. Chen Wenqing, Chief Technology Officer, Moon Environment Technology Co., Ltd.

6. Refrigerant Replacement for Cold Chain Equipment and Facilities

—Prof. Tian Changqing, Technical Institute of Physics and Chemistry, Chinese Academy of Sciences

7. CO₂ Possibilities

—Mr. Sean Chapman, Chief Technology Officer of CCR, Haier Carrier

8. Advancements in Working Fluid Selections and Compressor Developments for Vehicle Thermal Management Systems

—Mr. Zhou Yi, Chief Technology Officer (CTO), Shanghai Highly (Group) Co., Ltd.

Topic3: Good Practices in the Servicing Sector

13:30-16:30, April 9

Lectures:

1. Compliance Actions of China's Refrigeration Service Sector

—Ms. Hua Xue, Senior Project Officer, Foreign Environmental Cooperation Center, Ministry of Ecology and

Environment (FECO)

2. Current Status, Progresses, and Challenges in Refrigerant Recovery and Recycling/ Reclamation

——Mr. Yu Keli, Vice President, China National Resources Recycling Association

3. From the Perspective of Regulatory Requirements: Value and Pathways of Researches on Emission Reduction Potential of Refrigerant Recovery

——Ms. Hu Junjie, Professorate Senior Engineer, China Solid Waste and Chemicals Management Technology Center of the Ministry of Ecology and Environment of China

4. Exploring New Mechanisms for Refrigerant Recovery and Carbon Reduction in Air Conditioners under the New Policy

——Ms. Cai Yi, Director of Center, China Household Electric Appliance Research Institute

5. Implementation Pathways for Refrigerant Recovery, Reclamation, and Reuse (RRR) Systems and Their Driving Impacts on Industrial Green Transformation

——Prof. Han Xiaohong, Zhejiang University

6. Explorations and Practices of Talent Cultivation for "Good Operation" in Refrigeration and Air Conditioning Major Based on the Integration of Job, Course, Competition and Certificate

——Prof. Xu Yansheng, Shunde Polytechnic University

7. Practices in Refrigerant Recovery and Reuse in R&D Laboratories

——Ms. Shen Shizhen, Vice president of Asia engineering, Copeland Suzhou R&D Center

8. Global Lifecycle Refrigerant Management

——Ms. Louise McCann, Group Commercial Director, A-Gas Group

Technological Leapfrogging and Scenario-Driven Innovation, Jointly Building a New Ecosystem for Heat Pump Industry —— 2026 CRH Heat Pump Pavilion

The Heat Pump Pavilion at CRH 2026 will be held from April 8 to 10 during the 37th International Exhibition for Refrigeration, Air-Conditioning, Heating and Ventilation, Frozen Food Processing, Packaging and Storage (hereinafter referred to as “CRH”).

This zone is organized by the CRH Organizing Committee, hosted by the China Refrigeration and Air-Conditioning Industry Association, and co-organized by the Pump Branch of China Refrigeration and Air-Conditioning Industry Association and Hefei General Machinery & Electrical Products Inspection Institute. Centered on the core theme of "Technological Leapfrogging and Scenario-Driven Innovation, Jointly Building a New Ecosystem for Heat Pump Industry," it gathers wisdom from industry, university, research, and application sectors to comprehensively showcase cutting-edge technological achievements and diverse application scenarios of the heat pump industry, jointly mapping out a blueprint for high-quality global heat pump industry development.

During this critical period of accelerated global energy transition and China's "Dual Carbon" goals advancement, heat pump technology—as a core equipment for energy efficiency and low-carbon environmental protection—has become a key driver for optimizing energy structures, promoting green industrial transformation, and enabling clean heating in buildings. Currently, the application boundaries of heat pump technology continue to expand from civil buildings to high-value-added industrial scenarios, with accelerating technological innovation iterations and breakthroughs in core components and system solutions, making heat pump technology one of the core technical pathways to achieve carbon neutrality goals.

The heat pump pavilion is located at Booth B3E43, gathering numerous leading enterprises and innovative forces in the industry. It has attracted prominent companies such as Bitzer Refrigeration Technology (China) Co., Ltd., Danfoss (China) Investment Co., Ltd., Sonyo Compressor (Dalian) Co., Ltd., Dalian Xuanke Air Conditioning Compressor Co., Ltd., ARCO Technology Co., Ltd., CADIFF Co., Ltd., Moon Environment Technology Co., Ltd., Jiangsu TENESUN Electrical Appliance Co., Ltd., Guangdong New Energy Technology Co., Ltd., Zhejiang AMA&hien Technology Co., Ltd., and Qingdao Arctic Ocean Cooling & Heating Energy Technology Co., Ltd. These companies showcased cutting-edge achievements, comprehensively displaying core components, complete machine systems, and intelligent solutions across the entire heat pump industry chain, deeply demonstrating the application potential and innovative value of heat pump technology in industrial production, commercial buildings, residential heating/cooling, agricultural production, and other diverse scenarios.

During the Expo, the key supporting event, the “Heat Pump Technology Innovation and Development Forum,” will be launched on April 9, 2026, from 14:00 to 17:00 in Conference Room 205 of the Conference Center. The forum will be chaired by Professor Zhou Feng from Beijing University of Technology. Professor Zhou currently serves as the Party Branch Secretary of the Department of Refrigeration and Cryogenic Engineering at Beijing University of Technology. He has long been engaged in research fields such as energy utilization and environmental control, as well as low-carbon technologies for refrigeration, air conditioning, and heat pumps. He also holds multiple industry positions, including Vice President of the Pump Branch of China Refrigeration and Air-Conditioning Industry Association, member of the National Technical Committee 145 on Compressor of Standardization Administration of China, and member of the National Technical Committee 46 on Household Electrical Appliances of Standardization Administration of China. Additionally, he serves as Deputy Director of the Youth Editorial Board of the Journal of Refrigeration and as a youth editorial board member for Refrigeration and Air-Conditioning and Journal of Appliance Science & Technology. His research achievements have earned him numerous industry awards, including the Beijing Science and Technology Award, the Youth Science and Technology Award of the Chinese Association of Refrigeration, and the China Light

Industry Federation Science and Technology Progress Award. He possesses profound research expertise and industry influence in the field of heat pumps.

During the forum, experts and scholars from top global universities and leading industry enterprises will deliver a series of cutting-edge and in-depth keynote reports, comprehensively showcasing technological breakthroughs, innovative achievements, and practical applications in the field of heat pumps:

1. Heat Pump Technology in Building and Industrial Applications

Professor Min Soo KIM from Seoul National University, currently serving as the President of the International Institute of Refrigeration (IIR) and the Asian Union of Thermal Science and Engineering, was awarded the IEA Peter Ritter von Rittinger International Heat Pump Award. This report focuses on the transformation needs of energy systems in the context of carbon neutrality. It highlights the application potential of large-scale heat pump systems in the building and industrial sectors, and delves into the latest research trends and technological advancements in variable refrigerant flow (VRF) systems and industrial steam heat pumps.

2. Dual-Energy Gas Heat Pump Air Conditioning System

Professor Wei Li from the College of Energy Engineering at Zhejiang University, an ASME Fellow, will delve into the global energy structure transformation trends under the “dual carbon” goals and provide a detailed interpretation of the technological innovations in dual-energy gas heat pump air conditioning systems. The report will address industry challenges such as heating efficiency decline in low-temperature environments and susceptibility to frosting in traditional heat pumps. It will detail the technical advantages, operational characteristics, and application prospects of dual-energy supply systems combining electricity and natural gas, offering new insights for the development of multi-energy complementary heat pump technologies.

3. Advances and Applications of High-Performance Industrial Heat Pump Technology

Dr. Wu Xiaokun, Senior Engineer and Director of Commercial Air Conditioning Technology Department at Gree Electric Appliances Inc. of Zhuhai, will focus on industrial heating demands. He will share Gree's research achievements in improving industrial heat pump efficiency, expanding pressure ratios, and adapting to various operating conditions, while detailing the practical applications of high-temperature heat pump technology with large temperature lifts in typical non-process industrial scenarios.

4. Theoretical and Applied Research on 300°C-Level Transcritical/Supercritical CO₂ High-Temperature Heat Pump Steam Systems

Song Yulong, Associate Professor of Xi'an Jiaotong University, will focus on the widespread demand for steam in the 300°C temperature range in industries such as chemical and petroleum. He will provide an in-depth interpretation of the cutting-edge research results on transcritical/supercritical CO₂ heat pump steam systems, systematically analyze the thermodynamic performance, operating boundaries, and economic differences of different technical routes, and evaluate the theoretical upper limits of their heating temperature and energy efficiency. This will provide core theoretical references for breaking through the heating limits of industrial high-temperature heat pumps and achieving efficient and clean steam supply.

5. Practice of Residential Heating and Cooling Heat Pump Solutions

Mr. Yu Jinjian, an engineer from Qingdao Economic and Technological Development Zone Haier Water Heater Co., Ltd., will comprehensively share Haier's technological innovations and practical implementations in household heating and cooling heat pump solutions, focusing on the differentiated pain points of users in northern residential heating and southern residential water-source heat pump. With over a decade of experience in the heat pump industry, he will elaborate on the technical iterations of residential heat pump products and full-scenario adaptation solutions, aligning

with national energy-saving and carbon-reduction policy directions and core market demands.

6. Innovation and Practice of Comfort and Energy-Saving Control Algorithms for Heat Pump Heating Based on Models and Data

Dr. Shao Yanpo, Head of R&D Performance Development at GD Midea Air-Conditioning Equipment Co., Ltd., will focus on three core challenges in the field of heat pump heating control in the new era. He will explain how Midea addresses users' comprehensive demands for comfort, health, and energy efficiency through innovative heat pump system designs and revolutionary control algorithm development models. He will also share the technological upgrade path from traditional PID to intelligent adaptive control, as well as practical experience in accelerating the entire process of algorithm design, verification, and implementation. Dr. Shao Yanpo has long been dedicated to the research and design of heat pump heating systems, participated in the formulation of multiple national standards, possesses five internationally recognized leading technological certifications, and holds hundreds of invention patents. His technical achievements hold significant reference value for the industry.

The CRH 2026 Heat Pump Pavilion and its supporting forum serve as a premier professional platform for technical exchange, achievement display, supply-demand matching, and partnership negotiations in the heat pump industry. We sincerely invite industry professionals, experts, scholars, corporate representatives, and partners to attend the event, witness the technological leap and innovative transformation of the heat pump industry, jointly build a new ecosystem for high-quality development, and contribute to the global green and low-carbon energy transition!

B3E43 Heat Pump Pavilion, Conference Center -205 Forum Venue, we look forward to your presence!

Empower Refrigeration and Heat Pump with Digital Intelligence for a New Chapter of Carbon Neutrality **—— The 17th “National Chief Engineer Delegation Activity”** **Opens in Beijing**

Organized by the Organizing Committee of CRH, hosted by China Refrigeration and Air-Conditioning Industry Association (CRAA) and Architectural Environment and Energy Application Branch of China Engineering & Consulting Association (CECA), and co-organized by Beijing CRAA Quality Certification Center Co., Ltd., the 17th National Chief Engineer Delegation (referred to as the “Chief Engineer Delegation”) event will be held at the Capital International Exhibition & Convention Center from April 7 to April 9 at the CRH 2026. The “Chief Engineer Delegation” activity is a two-way communication platform between chief engineers, designers and refrigeration and air-conditioning companies of national architectural design institutes. It not only explores innovative paths for deep integration of industry, university, research, design, and application but also injects new momentum into the green and intelligent transformation of the industry through various resource matchmaking and collaborative activities, fully demonstrating the firm commitment to collaborative innovation and shared development in the refrigeration and air-conditioning field. After nearly two decades of dedicated development, the “Chief Engineer Delegation” activity has become a highly influential brand activity and iconic cultural symbol of the “CRH,” standing out as one of the most anticipated observation groups at the Expo.

As the “CRH” kicks off with splendor, this year's “Chief Engineer Delegation” activity will also launch from April 8 to 9 under the theme “Empower refrigeration and heat pump with digital intelligence for a new chapter of carbon neutrality.” During this year's Expo, the “National Chief Engineer Delegation” will host the following series of events:

1. In-depth visits to exhibition booths and close-up exchanges: On April 8, the Chief Engineer Delegation organized members to visit “CRH 2026”, visited the booths of key enterprises, and conducted in-depth technical exchanges with enterprise R&D personnel, opening up key links in “industry, university, research, design and application” and realizing close dialogue between the design end and the industry.
2. Results Release and Leading Initiatives: On April 8th at noon, two important release ceremonies will be held in the “2026 Ozone2Climate Technology Roadshow and Industry Roundtable” area within the exhibition hall. The 2025-2026 Refrigeration Expo New Products and Ozone Climate-Friendly Products Application Case Collection was jointly released by the China Refrigeration and Air-Conditioning Industry Association and the Architectural Environment and Energy Application Branch of China Engineering & Consulting Association (CECA), along with the launch of the AI+ HVAC Application Scenarios Initiative, aiming to lead the direction of industrial intelligent transformation and promote the practical implementation of green technologies.
3. Technical discussion and collaborative sharing: On April 9, a technical seminar on “Empower refrigeration and heat pump with digital intelligence for a new chapter of carbon neutrality” was held. This seminar will not only invite design institutes, industry experts, and representatives of outstanding enterprises to deliver technical reports but also specially set up an interactive discussion session, inviting chief engineers and enterprise representatives to engage in in-depth face-to-face discussions on specific technical or engineering application challenges. The event will also feature a launch ceremony for the “Tripartite Joint Development of Database” achievements, further solidifying the industry's data foundation.

This year's “Chief Engineer Delegation” offers a rich array of innovative activities, anchored in green energy efficiency and driven by cutting-edge innovation. It aims to facilitate efficient resource matching and collaborative sharing, empowering the industry while accelerating the new industrialization and intelligent transformation of the refrigeration

and air conditioning sector, injecting sustainable momentum into industrial upgrading. The seminar will be held at the Crowne Plaza Beijing Sun Palace, where the Beijing CRAA Quality Certification Center Co., Ltd. cordially invites industry elites to attend, engage in face-to-face discussions with chief engineers, and interact with enterprises directly. Let us pool our collective wisdom, solidify the quality foundations through innovation, and jointly open a new chapter of green, low-carbon, and intelligent development in the refrigeration and air conditioning industry!

CRH 2026 Refrigeration and Cold Storage Industry Observation Group (High-End Users) Event was Held in Beijing

Nearly 100 senior executives and experienced technical personnel from well-known cold chain logistics, food production and processing, meat slaughtering, investment (management) and construction companies across the country participated in the "Refrigeration and Cold Storage Industry Observation Group (High-End Users)" event hosted by the CRH Organizing Committee and co-organized by the Chinese Association of Refrigeration and Huashang International Engineering Co., Ltd. The observation group will focus on visiting exhibition booths of renowned companies such as Huashang International, MOON-TECH, Bingshan, and Snowman, followed by participation in seminars, technical exchanges, technical visits, and exhibition observation activities. The CRH provides an excellent information exchange platform for the Refrigeration and Cold Storage Industry Observation Group in terms of equipment procurement and technical selection.

The CRH 2026 Refrigeration and Cold Storage Industry Observation Group (Chief Engineers Group) event will be held in Beijing

The "Refrigeration and Cold Storage Industry Observation Group (Chief Engineers Group)" event, hosted by the CRH Organizing Committee, organized by the Chinese Association of Refrigeration, and co-organized by Danfoss, invites chief (deputy chief) engineers and technical leaders from companies engaged in engineering design and construction of cold storage and refrigeration in cities and provinces such as Beijing, Tianjin, Shanghai, Heilongjiang, Hebei, Shandong, Henan, Guangdong, Fujian, Shaanxi, and Anhui, as well as researchers from related research institutes and universities to participate in this Chief Engineers Group event. The observation group will conduct a 3-day program featuring thematic seminars, technical exchanges, technical visits, and exhibition observations. During the CRH, the event showcased new products and technological development trends in the refrigeration and cold storage industry to the chief engineers. Drawing on their extensive professional experience, the chief engineers will propose new directions and innovative ideas for the development of both the refrigeration and cold storage industry and the Expo.

The 20th China R&AC Industry Science and Technology Contest for University Students Launched

The 20th China R&AC Industry Science and Technology Contest for University Students will officially commence on April 8, 2026, at the CRH 2026, with an expected participation of over a hundred university teams in the finals, showcasing the professional excellence of contemporary students.

The Contest in 2025 will continue to be sponsored by the China Refrigeration and Air-Conditioning Industry Association (CRAA), jointly sponsored by the Teaching Steering Committee for Energy and Power Engineering Majors in Institutions of Higher Learning of the Ministry of Education and the Teaching Steering Sub-Committee for Building Environment and Energy Application Engineering Majors in Institutions of Higher Learning of the Ministry of Education, with special support provided by the United Nations Development Programme (UNDP). The competition is co-sponsored by internationally renowned companies, including Shanghai Hanbell Precise Machinery Co., Ltd., Moon Environment Technology Co., Ltd., and Xiaomi Smart Home Appliances (Wuhan) Co., Ltd. The competition will set up 3 final venues nationwide and will be held vigorously across the country from May to July.

The China R&AC Industry Science and Technology Contest for University Students (hereinafter referred to as "Contest") is a mass science and technology activity with social welfare attributes for college students and graduate students. The Contest supports innovation and reform in the curriculum systems and content of disciplines such as energy and power engineering, as well as building environment and energy application engineering in universities. It promotes quality education in higher education institutions, encourages young students to actively participate in extracurricular scientific activities, enhances innovation awareness, fosters craftsmanship spirit, enriches practical experience, improves engineering literacy, and contributes to the cultivation of outstanding industry talents.

In the new era and on the new journey, the Contest continues to evolve and innovate. For more detailed information about the event, you are welcome to attend the launch ceremony and press conference of the 20th China R&AC Industry Science and Technology Contest for University Students, which will be held at Room 107 of the CRH Conference Center at noon on April 8, 2026.

Launch Ceremony and Press Conference of the 19th China R&AC Industry Science and Technology Contest for University Students



The Award Ceremony of the 17th CAR-ASHRAE Student Design Project Competition Will be Held Soon

The award ceremony of the 17th CAR-ASHRAE Student Design Project Competition will be held on April 9, 2026, during the CRH 2026. To promote the teaching reform of China's building environment and energy application engineering major, improve students' practical design skills, discover and cultivate industry talents, and enhance international exchanges, in line with the "dual carbon" goals and green low-carbon concepts, the Chinese Association of Refrigeration (CAR), ASHRAE (American Society of Heating, Refrigerating and Air Conditioning Engineers), and the Teaching Steering Sub-Committee for Building Environment and Energy Application Engineering Majors in Institutions of Higher Learning of the Ministry of Education (hereinafter referred to as the Building Environment Teaching Steering Committee) jointly organize the CAR-ASHRAE Student Design Project Competition, with Johnson Controls as the exclusive supporting unit. The competition is held once a year, and 2025 marks its 17th edition. This competition attracted 45 teams from 46 institutions nationwide, with 42 teams submitting valid entries. After preliminary review, secondary review, and defense sessions, the winners include: 1 grand prize team, 3 first prize teams, 3 second prize teams, 17 third prize teams, and 29 special award teams. The award ceremony for the 17th CAR-ASHRAE Student Design Project Competition will be held at 13:30 on April 9, 2026 in Conference Room 302 of the Conference Center. Your presence is cordially invited.



The Award Ceremony of the 6th National Lecture Skills Competition for Young Teachers of Building Environment and Energy Application Engineering Will be Held Soon

The award ceremony of the 6th National Lecture Skills Competition for Young Teachers of Building Environment and Energy Application Engineering will be held on April 9, 2026, during the CRH 2026. The competition is co-hosted by the Teaching Steering Sub-Committee for Building Environment and Energy Application Engineering Majors in Institutions of Higher Learning of the Ministry of Education and the Chinese Association of Refrigeration. It aims to promote the professional development and teaching skills of young teachers in the field of Building Environment and Energy Application Engineering across universities nationwide, enhance teaching effectiveness and quality, and foster mutual learning and exchanges among young teachers in this discipline. This edition marks the 6th iteration of the competition, with exclusive support provided by Qingdao Hisense Hitachi Air-Conditioning Systems Co., Ltd. A total of 38 teachers from 29 universities (colleges) across the country registered for this year's competition, including 21 in professional basic courses and 17 in professional courses. After preliminary, semi-final, and final rounds, the winners have been determined: 1 Grand Prize, 2 First Prizes, and 4 Second Prizes in the professional basic course group, and 1 Grand Prize, 2 First Prizes, and 3 Second Prizes in the professional course group. The award ceremony for the 6th National Lecture Skills Competition for Young Teachers of Building Environment and Energy Application Engineering will be held at 14:45 on April 9, 2026 in Conference Room 302 of the Conference Center. Your presence is cordially invited.



Powered by Technology, Enabled by Green Development —— Gree Central Air Conditioning Makes a Stunning Debut at the CRH 2026 (Booth No.: B2G49)

From April 8 to 10, as one of the largest professional exhibitions in the global HVAC & R industry, the 37th International Exhibition for Refrigeration, Air-Conditioning, Heating and Ventilation, Frozen Food Processing, Packaging and Storage (hereinafter referred to as the "CRH") will be held at the Capital International Exhibition & Convention Center in Beijing.

At this Expo, as a comprehensive smart building solution provider, Gree Central Air Conditioning will showcase multiple product sectors, fully displaying the latest technological products including commercial, household, photovoltaic-storage-air conditioning, heating,

as well as refrigeration and cold storage solutions, along with their practical applications across various industries, highlighting the strength of intelligent manufacturing in China.

The Gree Central Air Conditioning booth featured two major exhibition zones: Central Air Conditioning as well as Refrigeration and Cold Storage. The Central Air Conditioning Zone includes six segments: star products, hot water solutions, energy-saving retrofit solutions, heating solutions, household central air conditioning solutions, and system energy-saving solutions. It comprehensively showcases Gree's strategic layout of deep cultivation across industries and empowering green upgrades in various fields, providing customized solutions for different industries that are comfortable, efficient, and energy-saving, addressing pain points in industry environmental systems.

Stars shine together, intelligence illuminates the future. The star products displayed in Gree Central Air Conditioning Zone at the CRH include the Star5 AI household central air conditioning system equipped with AI dynamic full-sensing technology, the "airflow without direct draft for healthier comfort" household central air conditioning system, and the Whole-Home Multi-Sensory Comfort Environment System that redefines future living comfort standards. These products not only embody Gree's deep expertise in air conditioning technology but also demonstrate its commitment to continuous innovation in comfortable living, energy conservation, environmental protection, and intelligent upgrades, showcasing the core strength of intelligent manufacturing in China.

Riding the momentum and building up strength for new opportunities. In 2026, Gree Central Air Conditioning uses technology as the brush and green development as the ink, standing at the forefront of the industry, focusing on green and low-carbon development, promoting the transformation of the HVAC and refrigeration industry towards efficiency, intelligence, and green development, and empowering the realization of the "dual carbon" goals.

From April 8 to 10, 2026, visit the Gree Central Air Conditioning Zone (B2G49) and the Refrigeration and Cold Storage Zone (A1G01) at the Capital International Exhibition & Convention Center in Beijing to experience a better life—Gree delivers it all in one step.



The grand view of the Gree Zone at the CRH 2026

Midea Building Technologies Will Showcase Full-scenario Solutions and Core New Products at the CRH 2026 (Booth No.: B1E49)

Currently, China's construction industry has fully entered a critical development stage of improving the quality and efficiency of existing assets and advancing green and low-carbon transformation. As a major contributor to societal energy consumption and carbon emissions, the building sector's energy efficiency improvements and low-carbon retrofitting are key measures for realizing the national "dual carbon" goals.

On April 8, 2026, the International Exhibition for Refrigeration, Air-Conditioning, Heating and Ventilation, Frozen Food Processing, Packaging and Storage will open. Midea Building Technologies will make a significant appearance at Booth B1E49 with full-scenario intelligent solutions and core innovative achievements. Leveraging an ecological platform as the foundation, it focuses on high-grade, precision, and advanced fields such as industry, comprehensively demonstrating its upgraded capabilities from hardware supply to integrated services.

At this Expo, Midea Building Technologies focuses on showcasing professional temperature control and energy efficiency optimization solutions tailored for segmented sectors such as data centers and industry, precisely meeting the professional temperature control needs and energy efficiency optimization goals across different scenarios. Among them, addressing the special requirements of high heat density and high reliability in data centers, Midea will present deep integration solutions combining efficient cooling and intelligent operation and maintenance. For the complex process requirements of industrial scenarios, it will showcase professional equipment and systems with high-precision control and stable operation capabilities. Through scenario-based product combinations and system designs, Midea Building Technologies helps customers achieve a leap in energy efficiency—from efficient equipment operation to system-wide collaboration. Meanwhile, the Expo will also feature centralized displays of core solutions such as MDV9 building lifecycle services, building energy-saving retrofits, and data centers.

Meanwhile, leveraging the iBUILDING digital ecosystem platform, Midea Building Technologies fully demonstrates its end-to-end proactive service capabilities from equipment sensing and system optimization to remote operation and maintenance, breaking the traditional passive response model to achieve intelligent early warning and dynamic optimization. This provides customers with value-added services covering the entire building lifecycle, vividly showcasing its transformation from a hardware provider to an integrated "product + solution + service" provider.

Currently, Midea Building Technologies operates in over 200 countries and regions worldwide, serving more than 100,000 buildings with extensive green energy-saving practical experience. At this Expo, Midea Building Technologies will remain user-oriented and innovation-driven, and collaborate with ecosystem partners to advance building energy efficiency. This will inject strong momentum into green, low-carbon, and intelligent development across industrial sectors, steadily supporting national "dual carbon" goals and high-quality industry development.



TICA Makes its Debut at the CRH 2026 (Booth No.: B1G27)

Established in 1991, TICA has consistently adhered to the development strategy of "one environmental path, two business sectors," forming a professional air environment process business sector centered on TICA Climate Solutions and a green renewable energy business sector centered on TICA Energy. The former focuses on industrial processes for clean air environments, energy efficiency in building environments, and the application of all-in-one air systems in smart home. The latter is deeply rooted in geothermal power generation, LNG cold energy power generation, industrial waste heat power generation, ultra-high-temperature large heat pumps, biomass energy, hydrogen energy, and other fields. At this Expo, TICA will establish three core exhibition areas (Booth No. B1G27) - "Visible Energy Efficiency", "Visible Cleanliness", and "TICA Airnext, Smart Air" - to fully showcase high-quality international development achievements and invite you to explore new green and intelligent directions in the industry.

AGI intelligent algorithms to achieve visible energy conservation and carbon reduction, with accumulated energy savings of 861,000 tons of standard coal, reducing carbon emissions by 2.38 million tons. Meanwhile, TICA's standardized BOP unit for hydrogen production by water electrolysis can combine green hydrogen production with ammonia synthesis. From carbon dioxide capture to green methanol synthesis with green ammonia, it has established the green hydrogen-ammonia-methanol pathway, fully demonstrating TICA's practical capabilities in zero-carbon technology. The Expo site will host a platform launch ceremony, unlocking more industry-customized solutions.

I. "Visible Energy Efficiency" Area



TICA Optseek Energy-Carbon Smart IoT Platform

The TICA Optseek Energy-Carbon Smart IoT Platform integrates TICA's capabilities in industrial waste heat utilization, high-temperature heat pumps, industrial energy storage, and efficient chiller plants solutions in the field of energy conservation and carbon reduction, creating a closed-loop zero-carbon industrial and building energy efficiency solution from source to allocation to efficient application. Based on the Optseek Energy-Carbon Smart IoT Platform, it fully utilizes



Air-liquid integrated unit with a common source—
representative product in the "Visible Energy Efficiency" Zone

II. "Visible Cleanliness" Zone

As the representative product of the "Visible Cleanliness" Zone, the new-generation TBF air handling unit redefines quality standards with three core technologies—advanced casing technology, high-efficiency energy recovery, and silent design. It has earned six international authoritative certifications:

AHRI, Eurovent, CE, UL, TUV and CRAA.



New-Generation TBF Air Handling Unit

III. "TICA Airnext, Smart Air" Zone

As the product representative of the "TICA Airnext, Smart Air" Zone, the TICA Airnext UltraPure All-in-One Air System integrates six functions—air conditioning, ventilation, radiant floor heating, purification, humidity

control, and AI interaction—into one system, creating a living environment where "gentle breezes and crystal water streams create comfort as spring." A "SMART HOME—TICA Airnext All-in-One Air System Experience Pavilion" will be created at the Expo site, featuring an immersive experience space built around the three dimensions of "people, venue, and home." A dedicated home-themed IP photo spot will also be open, inviting you to experience it firsthand.

In addition to the three core exhibition areas, a series of events will be held concurrently during the Expo, including technical roadshows, online live broadcasts, and expert salons, offering in-depth insights into industry trends and sharing excellent case studies. TICA cordially invites you to visit

Booth B1G27 to explore a green and intelligent future together and unlock more exclusive cooperation opportunities!



TICA Airnext UltraPure All-in-One Air System

Seventy Years in Cooling and Heating, Empowering a Green and Intelligent Future

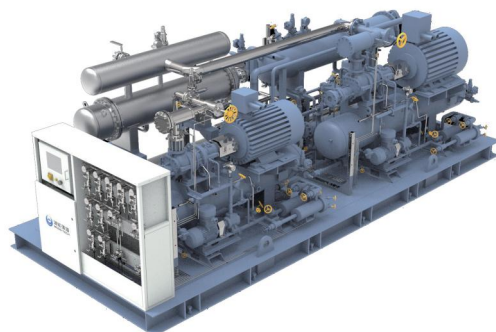
— MOON-TECH Awaits You at CRH 2026 (Booth No.: A1G17)

Founded in 1956, Moon Environment Technology Co., Ltd. (Stock Code: 000811) is a diversified and international comprehensive equipment industrial enterprise. The main business covers industrial and commercial refrigeration, HVAC, green energy equipment, precision forming, and digital intelligence industries. MOON-TECH adopts a strategy of balanced development in cooling and heating, while actively expanding into energy conservation and environmental protection. Dedicated to low-carbon solutions, our company provides optimal temperature and pressure conditions for diverse industries worldwide. Its expertise in temperature control and energy efficiency management spans food freezing, refrigeration, and deep processing; chemical process cooling; ice and snow venue construction; comfortable environment air conditioning; urban energy-efficient heating networks; industrial waste heat recovery; freeze-drying of pharmaceutical and food products; scientific research temperature control system; wind tunnel simulation; process gas compression and liquefaction; construction aggregate cooling; permafrost drilling; and waste treatment.

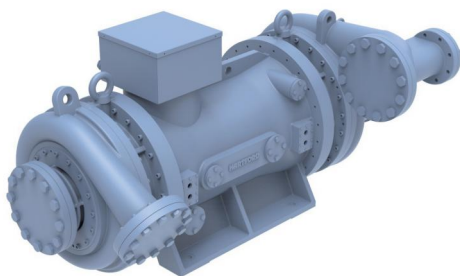
At this year's CRH, MOON-TECH will systematically present its latest breakthroughs in high-end compressor technology, full-temperature-range thermal control systems, and integrated digital and intelligent solutions. Leveraging seven decades of technological expertise, the company adheres to the development principle of "efficient, safe, green, and intelligent." It has built a technology system that covers a wide temperature range, accommodates multiple working fluids, and delivers high energy efficiency. Through deep integration of natural refrigerant applications and cascading utilization for industrial waste heat, our company provides solid support for the green and low-carbon transformation of various industries.

At the booth, MOON-TECH will highlight its engineering capabilities and proven practices in complex temperature control, zero-carbon energy supply, and

smart energy services. These will be demonstrated through three key scenarios—industrial process cooling, food cold chain eco-parks, and urban integrated energy systems—presented via physical models, dioramas, and digital interactive displays. The new-generation MICC digital-intelligent empowerment platform integrates functions such as production line automation upgrades, dynamic energy optimization for industrial parks, and predictive equipment maintenance, enabling intelligent energy management and helping customers reduce costs while improving efficiency. In terms of technical exhibits, MOON-TECH will showcase full-spectrum solutions based on natural working fluids like NH₃, CO₂, and HCs. These offerings align with global carbon reduction trends and continue to capture a growing share of the domestic market. Simultaneously, globally competitive core technologies—including magnetic levitation heat pumps and ultra-low temperature cascade refrigeration systems—will take center stage. This debut underscores MOON-TECH's systematic vision and robust capabilities in driving the high-quality, sustainable development of the HVAC&R industry.



Ultra-low temperature cascade unit with eco-friendly working fluids



High-power high-pressure high-speed magnetic levitation steam heat pump centrifugal compressor

This year marks the 70th anniversary of MOON-TECH's founding. Since its establishment, MOON-TECH has always advanced in sync with the industry—

from technology introduction to independent innovation, and from equipment manufacturing to smart energy system solutions. Staying true to its original mission as a "temperature control expert," MOON-TECH has focused on key areas such as industrial refrigeration, commercial freezing, low-carbon energy, special environments, industrial heat pumps, zero carbon smart park, and waste heat utilization. Our company continues to provide safe, energy-efficient, and environmentally responsible full-lifecycle services, demonstrating its commitment and responsibility in the realm of cooling and heating.

Setting out anew after seventy years, ready to write the next chapter. Our company sincerely welcomes all colleagues to visit MOON-TECH at Booth A1G17 to jointly envision a green future and embark on a new chapter for the industry!



May Temperature Better Serve Life, and May Service Forever Exceed Temperature —— Aowei Refrigeration Debuts at CRH 2026 (Booth No.: A1E01)



Focusing on green and low-carbon development, co-creating a smart future. The much-anticipated CRH 2026 is set to open at the Beijing Capital International Exhibition & Convention Center. With the theme "Action for Climate, Resonating with the World," Aowei Refrigeration will showcase its latest innovations in refrigeration technology, efficient energy-saving solutions, and smart industrial applications at the Expo. As a turnkey solution provider, Aowei Refrigeration will make a prominent appearance at this industry event, showcasing its independently developed screw compressor series and integrated quick-freezing solutions at Booth E01, Hall A1. Together with global customers, partners,

and industry experts, Aowei will explore sustainable development trends and investigate new pathways toward a more efficient, intelligent, and environmentally friendly future for the HVAC&R industry.

Yantai City Aowei Refrigeration Equipment Co., Ltd. was established in 2005 and is a technology-based enterprise that integrates research and development of refrigeration technology, product design and manufacturing, refrigeration system applications, and installation services. Our company is located in the Qingshui Industrial Park in Muping District, Yantai City, Shandong Province, covering an area of over 100,000 square meters with a building area of 52,000 square meters. Our company focuses on the research and development, and manufacturing of refrigeration equipment and technology for industrial and commercial use, providing customers with comprehensive system solutions. Its product portfolio includes CO₂ refrigeration systems, intelligent box quick-freezers, spiral single freezers, screw compressor units, air coolers, evaporative condensers, and cold chain logistics access control systems. These serve industries such as agricultural and sideline products, meat products, aquatic product freezing and deep processing, condiments, food and beverages, cold chain logistics, biomedicine, and energy chemicals.

The company adheres to the national development strategy of "green, low-carbon, environmentally friendly, and sustainable development", and focuses on the research and design philosophy of "saving energy and costs, protecting the environment and resources, and creating safe and efficient products." It follows a path of high-end and integrated product development, with both products and systems achieving intelligence, digitization, and informatization. By utilizing innovative CO₂ refrigeration technology, the company customizes stable, reliable, energy-efficient, and easy-to-operate refrigeration system solutions for global customers, while also providing one-stop value-added services.



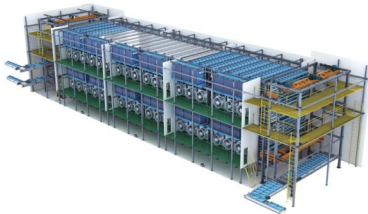
CO₂ Semi-hermetic screw compressor unit with adjustable volume ratio



CO₂ Semi-hermetic screw compressor with adjustable volume ratio and permanent magnet variable frequency drive



Spiral single freezer



Intelligent box quick-freezers



Cold chain logistics access control system series



During the Expo, our technical experts will share the latest refrigeration technologies and market trends, discussing the future of the industry with you. Please follow the official Weibo account of CRH 2026 for more updates. CRH 2026 is about to begin. Aowei Refrigeration at Booth A1E01 looks forward to your visit! Together, let us strive to shape a promising future for the refrigeration industry!

Concentrate on Refrigeration and Heating Open Heart to Nature

—— At CRH 2026, Bingshan Showcases Green and Low-Carbon, Smart Zero-Carbon, and Smart Living Solutions (Booth No.: A1E17)

From April 8 to 10, 2026, Bingshan Group will participate in the CRH 2026 at the Beijing Capital International Exhibition & Convention Center. Under the theme "Concentrate on refrigeration and heating Open Heart to Nature," our company will showcase our full series of green, low-carbon compressors, smart zero-carbon scenarios, and solutions for smart cooling and heating lifestyles. A new product launch event will also take place at our booth.

A full series of green, low-carbon compressors helps achieve the "dual carbon" goals

At this year's Expo, Bingshan Group will showcase its core products including dedicated scroll compressors, semi-hermetic piston compressors, maglev centrifugal compressors, semi-hermetic and open-drive screw compressors, and ionic compressors, serving sectors such as new energy vehicles, computer room air conditioning, energy storage temperature control, commercial air conditioning, refrigeration and freezing, and heat pump heating. Among these, Bingshan will make its CRH debut with the ionic compressor, a product specifically designed for the green hydrogen sector. As a critical component for the commercial operation of hydrogen refueling stations, it addresses the need for high pressure, high purity, and low operating costs. The unit delivers a discharge pressure of 90 MPa and boasts a high flow capacity exceeding 2,000 Nm³/h. The ionic compressor will drive the rapid development of the hydrogen



energy industry, injecting new momentum into the global energy transition. Additionally, Bingshan will make its debut with the absorption steam generation unit, a two-stage, Type-2 absorption heat pump driven by industrial waste heat. Capable of directly generating saturated steam at approximately 0.8 MPa, it upgrades low-temperature waste heat (such as hot water above 60°C or exhausted steam) to over 85°C. By coupling waste heat recovery with steam production, this unit replaces traditional gas-fired boilers or purchased steam, effectively helping the petrochemical industry in achieving energy efficiency, carbon reduction, and cost savings.

Building smart zero-carbon scenarios to deliver new value for customers

Bingshan showcases application scenarios in energy storage, mining, offshore engineering equipment, and comprehensive refrigeration products, providing customers with green integrated cooling and heating solutions and intelligent full-lifecycle services. In the energy storage equipment sector, the all-vanadium redox flow temperature control system module on display has been successfully deployed in projects across Xinjiang, Panzhihua, and beyond. The integrated mine energy solution highlights our core product: a high-efficiency permanent magnet variable frequency local cooling unit designed for heat hazard mitigation. This unit delivers an energy efficiency that is over 20% higher than conventional models. In the offshore engineering equipment sector, with "Smart Maritime" as its core focus, our company is dedicated to application scenarios such as green shipping, overseas fisheries, oil and gas extraction, and ports. It is committed to advancing the R&D of green innovations in maritime equipment, driving intelligent upgrades in ship equipment and low-carbon iteration of power systems. Our solutions power a variety of vessels—from Antarctic krill fishing vessels and tuna fishing vessels to refrigerated vessels—creating energy-efficient and high-performance offshore and deep sea fishing vessels. Serving as the "full-process temperature control guardian" for oil and gas extraction, our company safeguards the core stages of offshore production, transportation, and storage. Deeply rooted in integrated port cooling and heating solutions, we combine green technologies such as waste heat and pressure recovery, LNG cold energy utilization, and coupling of cooling and heating based on seawater energy to achieve the circular utilization and efficient supply of cooling, heating, and power resources in ports. At this year's Expo, the ICECO industrial intelligent control platform will also be showcased. This platform delivers full-lifecycle intelligent control services for products, integrated solutions, application scenarios, and industrial processes. It provides comprehensive energy management solutions, empowering upstream and downstream partners in the industrial chain to achieve "intelligent transformation and digital upgrading."

Innovative unmanned retail technologies are transforming smart living in cooling and heating

Bingshan will showcase refrigerated and freezer cabinets that are exported to multiple countries overseas and used in scenarios such as supermarkets and convenience stores. In addition, our company invites you to experience our freshly ground coffee machines and ice cream makers at the Bingshan booth. Let us treat you to a cup of aromatic coffee to refresh you from a long day, paired with our sweet and cool ice cream. In addition to the on-site exhibition, Bingshan's engineers will be invited to participate in various technical forums to exchange and share their technical expertise.

McQuay: All Set and Ready! Multiple New Products are Set to Make a Grand Debut at CRH 2026 (Booth No.: B2E35)

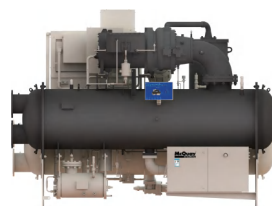
From April 8 to 10, 2026, the 37th International Exhibition for Refrigeration, Air-Conditioning, Heating and Ventilation, Frozen Food Processing, Packaging and Storage (CRH 2026) will open at the Beijing Capital International Exhibition & Convention Center. McQuay has participated in the CRH for 17 consecutive years. Under this year's Expo theme, "A Century of Intelligent Cooling Technology Empowering Every Industry," our company will showcase five core products and eight application proposals. The focus will be on hot topics such as green computing power, energy stations, chip and semiconductors, AI-powered efficient chiller plants, industrial heat pumps, bio-laboratories, new agriculture plan, and five-constant systems. McQuay will highlight its product and proposal capabilities, delving into the practical needs of various specialized industries. With customized system solutions and professional expertise, McQuay aims to help customers achieve energy efficiency upgrades and sustainable development goals.

McQuay was founded in 1872 in Minneapolis, Minnesota, USA. Through more than 150 years of development and accumulation, McQuay has earned industry recognition for its advanced technology, substantial scale, comprehensive product portfolio, and high-quality service. It has become a renowned brand in the global refrigeration, ventilation, air conditioning, heating, air purification, and refrigeration and freezing industries, establishing itself as a highly competitive and influential large-scale multinational enterprise group.

Hot Products—First Look:

1. WTCV Two-Stage Direct Drive Variable Frequency Centrifugal Chiller

The McQuay WTCV two-stage direct drive variable frequency centrifugal chiller delivers a highly efficient and energy-saving experience through four core advantages: a wide operating range that efficiently adapts to various complex working conditions; superior energy efficiency that far exceeds industry standards; an optimized water pressure design that significantly



reduces energy consumption at the water pump end; and strong load reduction capability with stepless capacity control from 10% to 100%, backed by advanced anti-surge control logic to ensure more stable equipment operation. The product can be applied in scenarios such as efficient chiller plants, chilled water thermal storage, commercial buildings, hotels, hospitals, data centers, and small to medium-sized industrial projects.

2. WLT Multi-Stage Compression Centrifugal Chiller Using HFO Refrigerant.

McQuay focuses on high-efficiency cooling demands with the newly developed WLT multi-stage compression centrifugal chiller using HFO refrigerant. The unit is equipped with the low-GWP refrigerant R1233zd(E), offering enhanced environmental friendliness; the unit employs multi-stage compression with vapor injection technology, combined with a patented flash-type economizer (Invention Patent ZL201410772938.5) and a high-efficiency multi-function oil pump. The system efficiency is increased by more than 4% compared to one-stage refrigeration cycles (data based on test results from a CNAS Testing and Calibration Lab). The direct-drive motor design simplifies the structure and reduces losses, while the superior aerodynamic design enables low-noise operation. The unit offers a wide cooling capacity range, making it suitable for various applications such as industrial facilities, commercial



buildings, energy stations, and data centers.



3. High-Capacity (4-pipe) Modular Variable Frequency Air Cooled Heat Pump Unit

McQuay's high-capacity (4-pipe) modular variable frequency air cooled heat pump unit delivers simultaneous cooling and heating, providing a one-stop heating and cooling solution for large public buildings and premium environments. The unit features a "one-unit dual-supply" design that outputs chilled and hot water concurrently, eliminating energy-wasting thermal counteraction for greater efficiency; its large capacity is well-suited for high-load applications. With high-precision temperature control of $\pm 1^{\circ}\text{C}$, seamless uninterrupted changeover, and intelligent adaptive thermal balance technology for cooling and heating, the unit operates smoothly and reliably. It employs high-efficiency variable frequency compressors and fans, uses R32 refrigerant, and is ideal for high-end hotels, tertiary A hospitals, precision laboratories, Grade-A office buildings, and other premium scenarios.

4. MAU 100% Fresh Air Handling Unit

McQuay has meticulously developed the MAU 100% fresh air handling unit, featuring five core technologies: Integrated molded sealing for low air leakage; a thermal break design to minimize heat transfer coefficient; a concealed frame structure for high strength; multiple insulation options that can meet Class A fire protection requirements; and easily removable panels for efficient maintenance. The unit features an integrated control



cabinet for precise control, multiple protection functions, and intelligent operation. It is widely used in sectors such as electronics and semiconductors, new energy, automotive painting, biopharmaceuticals, medical laboratories, and food safety, offering customized air purification and treatment solutions.

5. MAS Household All-Air System

McQuay's MAS household all-air system integrates air conditioning, humidity control, fresh air, and purification functions to create a consistently comfortable home environment throughout the year. With intelligent operation based on indoor and outdoor air quality monitoring, it enhances the overall indoor environmental experience. The system features a wide operating range, ensuring whole-house air circulation with continuous ventilation and air exchange after purification, bacterial filtration, and temperature and humidity regulation; equipped with three-pipe heat recovery reheat technology, the system delivers stable supply air temperature, achieves dehumidification without cooling, and provides sterile humidification in autumn and winter; utilizing variable frequency EC fans, the system allows flexible setting of supply air static pressure, and with no moving equipment indoors, it operates more quietly; the industrial-grade integrated unit design eliminates the need for on-site assembly of functional sections, enabling standardized installation for greater convenience. With flexible layout options, it adapts to a variety of home spaces.

In addition, McQuay will present application technology proposals across multiple fields, including refrigeration and freezing, medical purification, cool warehouses, renovation and retrofitting, and system control, comprehensively addressing heating and cooling needs across diverse scenarios.

Our company cordially invites you to visit Booth B2E35 in Hall B2 to discuss industry trends with the McQuay professional team and explore new opportunities for future cooperation! See you in Beijing this April!



Panasonic Debuts "Good House, Good Air" at CRH 2026 (Booth No.: B2E15)

From April 8 to 10, 2026, the 37th International Exhibition for Refrigeration, Air-Conditioning, Heating and Ventilation, Frozen Food Processing, Packaging and Storage (referred to as "CRH 2026") will be held at the Beijing Capital International Exhibition & Convention Center. At this year's Expo, Panasonic will make a prominent appearance at Booth E15 in Hall B2 under the theme "Good House, Good Air." Our company will comprehensively showcase its innovative air solutions for residential and public spaces, conveying the brand values of "health, comfort, and environmental protection," while presenting personalized solutions and core technological strengths tailored to different living scenarios.

Focusing on "Good House," Panasonic's air solutions are upgraded once again

As people's expectations for living quality continue to rise, indoor air quality has become one of the core criteria for defining a "good house." Under the theme of "Good House, Good Air," Panasonic invites visitors to experience how technological innovation brings ideal air to life.



6 Constant Climate Station Smart Select Series: The Smart Home Air Butler

As the core product in Panasonic's air solution lineup, the 6 Constant Climate Station integrates three major modules—central air conditioning, fresh air, and

humidity control—into a single system. Coordinated through the intelligent control "Smart Screen" and enhanced by Nanoe™ and Ziaino technologies, it achieves a "6 constant" indoor environment featuring constant temperature, constant humidity, constant oxygen, constant cleanliness, constant quietness, and constant airflow.

The Smart Select series showcased this year features further upgrades: more flexible configuration with freely combinable air conditioning and fresh air units. Its core breakthrough lies in the intelligent coordination between fresh air and air conditioning—ensuring thermal comfort while fully leveraging the energy-saving ventilation advantages of fresh air systems, achieving both temperature control and energy efficiency beyond what traditional methods can offer.



Slim Air Purifier: Clean Air Protection, Discreetly Hidden

In response to the modern home's pursuit of space optimization, Panasonic has launched the slim air purifier. With a body thickness of 12.5 cm and a footprint roughly the size of three postcards, it can be easily tucked into corners of the home. Its compact white body blends harmoniously with most interior decoration.

Equipped with a large-diameter slim impeller, it delivers powerful airflow to drive whole-house air circulation. The product has obtained maternal and infant-grade

purification certification, providing peace of mind for sensitive individuals.



New P8 Bathroom Heater: A New Experience in Intelligent Bathing

Panasonic has also infused innovation into the bathroom space. The all-new P8 bathroom heater features an intelligent room-warming algorithm that automatically adjusts to environmental changes, delivering a consistently comfortable bathing temperature and eliminating sudden temperature fluctuations. It features a functional indicator light that allows users to easily understand the unit's operating status through different light colors; it also supports integration with the Xiaomi smart home ecosystem, enabling remote control via voice or mobile app, making the bathing experience simple, intelligent, and enjoyable.



Flagship Bathroom Heater Series: The All-Round Bathroom HVAC Expert

Also making an appearance is the integrated concealed bathroom heater 85BHU series. The 85BHU series

not only features 2950 W of rapid heating capability, delivering uniform warmth throughout the room and incorporating 15 comprehensive safety protections, but also includes a baby mode with gentle long-distance airflow to provide a comfortable bathing experience for infants. It also offers powerful yet low-noise ventilation, quickly removing moisture and odors. The 40BX bath bathroom heater is equipped with Nanoe X™ technology, delivering efficient sterilization while ensuring operational safety, making the bathroom space healthier and more worry-free.

Panasonic remains committed to technological innovation. Guided by the "dual carbon" goals, our company integrates environmental principles into its product research, development, and manufacturing. Our company cordially invites friends from all sectors to visit the Beijing Capital International Exhibition & Convention Center and explore the limitless possibilities of "Good House" together with Panasonic.

Full Heating and Cooling Coverage, with Breakthrough Energy Efficiency

— Xinlei Compressor Co., Ltd. is Set to Appear at the CRH 2026

(Booth No.: B2G23)

I. Corporate Foundation: Innovation-Driven, Quality for the World

Since its establishment in 2006, Xinlei Compressor Co., Ltd. has been deeply committed to the independent research, development, and manufacturing of air power technology. Our company boasts a modern manufacturing base spanning nearly 150,000 square meters, with over 1,000 employees and more than 100 core technical professionals, forming a formidable foundation for R&D and manufacturing. By introducing world-class precision processing equipment and automated production lines, and adhering to strict ISO management systems as well as global certifications such as EU CE and US ETL, Xinlei ensures exceptional quality from core components to complete machine products. Its products are exported to over 100 countries worldwide, and our company holds more than 390 patents. Its energy-saving technologies have been included in the National Promotion Catalog, solidifying its position as an industry leader. Guided by the philosophy "Innovation Creates Value," our company leverages AI and digital technologies as engines to propel the industry toward a greener, more efficient, and smarter future. At the CRH 2026, Xinlei will make a grand appearance at Booth G23 in Hall B2. Our company cordially invites partners from all sectors to visit and engage in discussions, and to witness new breakthroughs in heating and cooling technology together.

II. Product Panorama: Full Temperature Range Coverage for Every Heating and Cooling Scenario

The exhibits center around a "full temperature range heat pump matrix," covering core heating and cooling equipment across four key sectors: residential, commercial, industrial, and agricultural. With cutting-edge technology and innovative design, these products

precisely meet the temperature control needs of various scenarios, delivering one-stop green comfort solutions for users.

The integrated maglev refrigeration compressor utilizes oil-free magnetic bearing technology for frictionless operation, delivering a service life exceeding 20 years; with an integrated multi-component design, its energy efficiency far exceeds the top-tier standard, delivering 30% to 50% energy savings compared to conventional units. Stepless variable frequency from 10% to 100%, with temperature control accuracy of $\pm 0.5^{\circ}\text{C}$, noise level ≤ 70 dB, and no mechanical vibration; it supports remote operation and maintenance, fault self-diagnosis, and unattended operation. Suitable for a variety of applications such as liquid-cooled units, modular chillers, and direct expansion units for subways, it provides core power for refrigeration equipment across various sectors.



As a core power component, the maglev centrifugal compressor will make a major appearance at this Expo with the full series of models ranging from 150RT to 1000RT. The self-developed MRC series features industrial-grade magnetic bearings, enabling frictionless operation without the need for lubricating oil; the permanent magnet synchronous motor achieves a full-load efficiency of 97.5%, with Class H insulation

designed to withstand temperatures up to 180°C.



Combined with two-stage compression, vapor injection technology, and a three-dimensional flow closed impeller, the unit reaches a maximum pressure ratio of 6.0. With a wide capacity regulation range from 10% to 100%, it adapts to diverse applications. The entire series meets dual top-tier energy efficiency standards and operates with low noise, providing efficient and reliable core power support for various chiller and heat pump units.

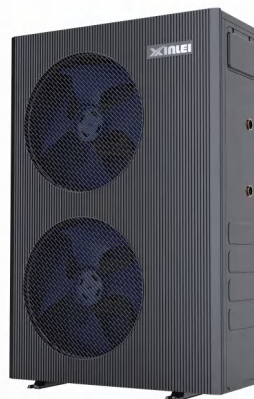


The magnetic bearing variable frequency low-temperature brine centrifugal unit is equipped with a permanent magnet synchronous motor featuring 0.97 efficiency and industrial-grade magnetic bearings, enabling frictionless operation without the need for lubricating oil, significantly reducing power consumption; the onboard variable frequency drive is paired with a fully closed-loop intelligent temperature and humidity thermal management system, featuring built-in anti-condensation functionality. The unit features direct drive and horizontally opposed compressor design, achieving axial force self-balancing, while two-stage vapor injection technology improves overall unit efficiency by 6%; the active bearing control system, combined with predictive vibration compensation technology, reduces the impact of imbalance on rotor vibration through high-frequency position detection and

control. With 10 kHz dynamic position scanning and adjustment, it achieves micron-level position control accuracy, ensuring precise and stable shaft suspension positioning.



The high-temperature water (ground) source heat pump unit features a single-unit two-stage screw compressor, achieving a temperature rise of 90°C and delivering high-temperature hot water up to 95°C directly. This results in an efficiency improvement of over 10% compared to conventional units. Class H insulated motors and high-efficiency heat exchangers ensure stable operation under harsh conditions. Dual variable frequency drives combined with adjustable Vi technology broaden the operating range, making it suitable for industrial applications such as textile printing and dyeing, pharmaceuticals, and industrial wastewater heat recovery, converting low-energy input into high-grade thermal energy.



The X-10 series air-source heat pump, designed as a flagship residential model, features a system that

exceeds top-tier energy efficiency standards, reducing heating and cooling energy consumption by 30%. It operates reliably at ultra-low temperatures as low as -40°C , with no heating capacity degradation at -16°C . AI dual temperature control technology enables precise adjustment within $\pm 0.5^{\circ}\text{C}$, while multi-layer noise reduction technology keeps noise levels as low as 40 decibels. With wired controller and mobile App remote operation, it supports multiple modes such as away and quiet modes.

The unit comes with a 10-year warranty and nationwide 24-hour service response, making home heating and cooling more worry-free.

The commercial air-source heat pump includes standard-temperature and ultra-low-temperature series, with a wide operating range of 5°C to 55°C for cooling and -35°C to 30°C for heating, making it suitable for extreme climates. Exceeding the national top-tier energy efficiency standards, it delivers an 8% improvement in cooling efficiency and a 13% improvement in heating efficiency. Core components undergo rigorous testing across over 100 validation procedures. The unit features OTA remote upgrades, cloud-based monitoring via app, and multi-segment scheduled temperature settings. With 12 comprehensive safety protections and R32 eco-friendly refrigerant, it is suitable for applications such as shopping malls, livestock farming, and office buildings.

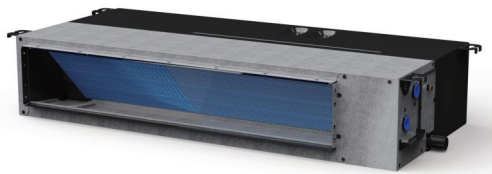


The hydraulic module features an integrated design, with a variable frequency water pump that delivers over 10% energy savings compared to traditional systems. The enamel-lined water tank resists corrosion and scaling, and integrated components such as an expansion tank

and optional electric heating reduce installation time by 50%. It supports same-side or opposite-side piping configurations, making it suitable for confined spaces. The intelligent control system enables remote monitoring in coordination with the main unit, allowing for quick fault diagnosis, providing efficient and stable hydraulic support for the heating and cooling system.



The fan coil unit features an ultra-thin, ultra-quiet design with a 200 mm slim profile and operating noise as low as 18 dB(A). Suitable for residential and office applications, it offers 5G smart control for remote operation, delivering simplicity and convenience; dual static pressure options of 12 Pa and 30 Pa allow flexible installation.



The exhibits span from residential comfort to industrial efficiency, and from standard ambient conditions to extreme climates, providing comprehensive coverage of heating and cooling needs. Leveraging core technologies such as AI intelligence, magnetic bearing, and two-stage compression, our company delivers customized, energy-efficient, and reliable temperature solutions for every scenario.

Advancing Air Technology Development to the Next Stage —— ebm-papst Makes a Splash at CRH 2026 (Booth No.: B3G05)



In 2026, ebm-papst China celebrates its 30th anniversary. Since establishing its first wholly-owned subsidiary in Shanghai Waigaoqiao in 1996, ebm-papst has consistently adhered to a "local for local" strategy, continuously deepening its localization efforts. Our company's China headquarters in Shanghai, the National Green Factory in Xi'an, and the ebm-papst South China Air Technology Hub in Guangdong together form a complete ecosystem covering R&D, manufacturing, sales and service, and supply chain—providing efficient response and high-quality service to markets in China, Asia Pacific, the Middle East, and Africa. With the expertise and ingenuity of over 1,700 dedicated employees, ebm-papst leverages its local innovation capabilities and agile supply chain to serve global markets, delivering efficient, intelligent, and sustainable air technology and heating solutions to customers.

CRH serves as an important platform for showcasing ebm-papst's latest technologies and products. In 2026, ebm-papst will present a range of ventilation and refrigeration solutions covering key application areas such as HVAC, data centers, refrigeration, residential ventilation system, and new energy. During the Expo, our company will highlight its highly localized products and system solutions, showcasing its technical capabilities and application value.

Next-Generation RadiPac Series Centrifugal Fan with Metal Impeller

The RadiPac 3M series fan features advanced aerodynamic design, high-strength metal materials, and



intelligent EC motor technology, delivering significant improvements in energy efficiency and noise reduction while offering excellent system compatibility. Suitable for applications such as HVAC AHUs and data centers, it provides a highly adaptable and efficient solution for diverse scenarios and specifications, ensuring stable operation.

RadiCal Series Centrifugal Fan



The RadiCal series fan is specifically designed for modern residential ventilation systems, guided by the design philosophy of "fresh air, refreshing life." Its compact design saves installation space, while premium core components ensure long-term stability. Featuring advanced noise reduction technology, it quietly safeguards the tranquility of your home.

HyBlade Series Axial Fans

The HyBlade series fan provides a new generation of intelligent refrigeration solutions for commercial and industrial applications. Through lightweight fan design and high-efficiency motors, this fan enhances cooling efficiency while reducing energy consumption and operating noise. Optimized overall structure and airflow path enhance noise reduction, contributing to sustainable cooling goals.



AxiBlade Series Axial Fans



The AxiBlade series fan is specifically designed for cooling tower applications, featuring a high protection rating and stable operation capabilities. The optimized design ensures high airflow, supports redundant configurations, and allows continuous operation during maintenance, combining reliability with low-noise performance. It provides an ideal solution for improving cooling tower performance and energy efficiency.

iQ Series Motors



The iQ series motors cover commercial and industrial refrigeration applications, are compatible with globally common voltages, and offer high efficiency with a wide power range while meeting stringent safety standards. Its design supports 1:1 direct replacement, simplifying equipment upgrades and providing an efficient, reliable upgrade solution for refrigeration systems.

At CRH 2026, ebm-papst will showcase new possibilities in air technology with innovative products and intelligent solutions. Our company invites industry partners to visit Booth B3G05 for an up-close experience and to explore the future direction of air technology together.



Official WeChat account

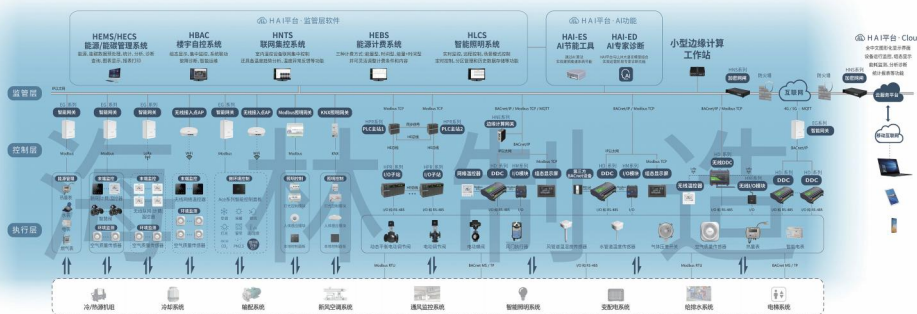


Official website



Douyin

Hailin Control Shines at CRH 2026: AIoT Empowers a New Level of Building Automation Control (Booth No.: B3E05)



Beijing Hailin Control Technology Inc. (abbreviated as Hailin Controls) was set up in 1999, headquartered in HuiLongGuan International Information Industrial Park, ChangPing District of Beijing City. It is a high-tech enterprise integrating R&D, manufacturing, sales and service. Hailin Control is dedicated to building energy management, providing end-to-end monitoring, analysis, control, and management services—from efficient energy generation, to rational transmission and distribution, to effective application within buildings. Our company enables automated management of building equipment, ensures indoor comfort, and maximizes energy savings. Our company focuses on the R&D, manufacturing, sales, and service of energy building control products, with core businesses encompassing energy building control, HVAC automation, and smart heating. Its products include DDCs (Direct Digital Controllers), edge computing gateways, sensors, thermostats, control valves, management platforms, and more. The product line covers nearly all low-voltage and electromechanical products and systems in the energy building control field.

After 27 years of steady growth, Hailin Control has established itself as a leading enterprise in China's building automation control industry, offering comprehensive solutions and a full range of products across the building automation control sector. Hailin Control boasts a strong R&D center and laboratory, along with automated manufacturing facilities for electronic products and control valves.

Hailin Control has established a comprehensive service system, with over 100 distributors nationwide and marketing service outlets covering more than 200 cities across China, dedicated to providing customers with convenient, efficient, and worry-free professional services. At the same time, our company is actively expanding into international markets, with products exported to more than 60 countries and regions, including the United States, Europe, the Middle East, Australia, and South America.

Hailin Control has provided building automation control products and systems for landmark buildings at both national and provincial levels, including the Three Venues and One Village of the Winter Olympics, the National Speed Skating Oval, the National Stadium (Bird's Nest), Beijing Daxing International Airport, the Asian Infrastructure Investment Bank (AIIB), Wuhan Greenland Center, Wanda Plaza, and Vanke communities. Hailin Control is a strategic partner

or approved brand for dozens of domestic real estate developers, including Vanke, Greenland, Wanda, and Longfor. Adhering to the business philosophy of "good products, better systems and services, being a responsible and respectable global enterprise," Hailin Control aspires to become a globally recognized and outstanding building automation control company. Through continuous technological innovation and superior product quality, our company is committed to delivering comfortable, healthy, and energy-efficient intelligent control solutions for buildings in China and around the world.

At this year's Expo, Hailin Control will focus on the theme "AIoT Building Automation Control Solutions and Full Product Line," showcasing its innovative achievements in energy building control and HVAC automation. Through core exhibition areas featuring energy building control systems, industry solutions, thermostats, control valves, and the HAI platform, our company will systematically present the intelligent building ecosystem from the device level to the platform level. The new product zone will feature key innovations such as AI thermostats, full-function fan coil thermostats, American-style commercial thermostats, electric actuators, wireless DDCs, AI diagnostic experts, and AI energy-saving tools.

A dedicated major project case study area will also be set up, showcasing Hailin's technology applications and energy-saving achievements in projects such as existing building retrofits, Olympic Winter Games Beijing 2022 venues, State Key Laboratories, the Xiong'an Urban Computing Center (Supercomputing Cloud), and Beijing Friendship Hospital.



109pro AI Series Thermostat



AI Server



HL-FCUBOX-M Full-Function Fan Coil Thermostat



HL-FCUBOX-S Expansion Module



HSD Series High-Precision Duct Humidity and Temperature Sensor



HSP Series High-Precision Pipeline Temperature Sensor



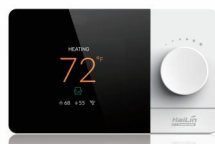
SRV Smart Regulating Valve



Electric Regulation Valve Assembly



Touchscreen Thermostat



American-Style Commercial Thermostat



Temperature & Infrared 2-in-1 Module HL-Combo-RT



HD1407-LoRa Series DDC



Vivid Color Screen Thermostat

Continuous Technological Innovation Empowers the Development of the Smart IoT —— Hysine Control Makes a Grand Appearance at CRH 2026 (Booth No.: B3G31)

The highly anticipated CRH 2026 will be held from April 8 to 10, 2026, at the Beijing Capital International Exhibition & Convention Center. This year's Expo, themed "Empower refrigeration and heat pump with digital intelligence for a new chapter of carbon neutrality," is expected to bring together over 1,000 leading industry exhibitors to explore industry trends and showcase cutting-edge technologies.

Company Overview

Hysine Control, a manufacturer and solution service provider of intelligent control systems, will make a grand appearance at this year's Refrigeration Expo (Booth No. B3G31). Founded in 2009, our company is a certified national high-tech enterprise and a provincial specialized and sophisticated enterprise. It is dedicated to advancing digital operation and maintenance of building equipment and facilities through continuous technological innovation.

Core Business and Technical Capabilities

Hysine Control provides complete solutions based on the Energy Internet of Things (Energy IoT). Its core business lies in deeply integrating big data, cloud computing, artificial intelligence, and intelligent hardware IoT technologies into the field of building energy efficiency. Our company offers an exceptionally rich product portfolio, encompassing over a thousand products across building automation systems, intelligent lighting systems, energy metering systems, hotel room control systems, IBMS system integration, 3D building visualization BIM software, CIM urban integrated management and control platforms, and the EScloud Internet energy cloud platform.

Specifically for the HVAC and refrigeration sector, Hysine Control will showcase its extensive capabilities in chiller plant control systems, dynamic environment monitoring systems in data center/equipment room, and prefabricated building integrated electro-mechanical smart cabinet systems. These solutions are designed to leverage intelligent technologies to deliver digitalized, fully automated, and ultimately unattended building energy management.

Industry Heritage and Influence

After more than a decade of development, Hysine Control has established 56 offices and engineering technology service centers nationwide, with over 3,000 domestic project cases. Its products have received BTL certification from the BACnet International and are exported to multiple countries overseas. As a well-known brand in the field of intelligent building control, Hysine has been recognized as a top industry brand for many consecutive years. Our company has also participated in the development of multiple national standards and is deeply involved in industry-university-research institutes collaboration, cultivating a significant number of senior technical professionals for the industry.

An Invitation to Shape a Green Future Together

Amid the wave of "dual carbon" goals and digital transformation, green development in the HVAC and refrigeration industry has become an inevitable trend. CRH 2026 is not only a window for showcasing innovative achievements but also a platform for the convergence of global wisdom.

Hysine Control cordially invites you to visit Booth B3G31 to explore how intelligent control systems can empower

building energy efficiency and unlock new pathways for efficient operation and maintenance.

Whether you are a partner seeking technical collaboration or an expert following the latest industry trends, Hysine looks forward to connecting with you in person. Let's drive innovation through technology and usher in a new era of green, efficient, and intelligent building energy management.

From April 8 to 10, let's meet at the Beijing Capital International Exhibition & Convention Center—see you there!



Low-Carbon, Intelligent, International — Snowman Group Debuts at CRH 2026. (Booth No.: A1-G37)

The CRH 2026 is about to open in Beijing. Snowman Group's exhibition at this year's event will be strategically organized around four key themes: "Heat Pump Solutions," "Green Innovation in Food Cold Chain," "Intelligent and Digital Integration," and "Green and Low-Carbon Cooling and Heating Energy." Our company sincerely invites global industry colleagues and partners to gather in Beijing and join us in writing a new chapter empowered by technology!

Heat Pump Solutions

SECTION 01

Heat Pump Solutions Display Zone

Focusing on industrial waste heat recovery, this zone showcases the latest breakthroughs in high-efficiency compressor technology for high-temperature heat pump applications.

Green Innovation in Food Cold Chain

Intelligent and Digital Integration

Green and Low-Carbon Energy

SECTION 02

Green Cold Chain Display Zone

Promoting the application of natural working fluids and realizing a green, low-carbon cold chain lifecycle via low-charge technology.

SECTION 03

Digital-Intelligent Integration Experience Zone

This zone demonstrates AI algorithms and cloud-based management platforms, showcasing intelligent control as well as proactive operation and maintenance for refrigeration systems.

SECTION 04

Core Compressor Zone

This zone showcases a range of compressor series with independent intellectual property rights, laying a solid foundation for high-efficiency refrigeration.

SECTION 05

Digital-Intelligent Integration Experience Zone

This zone demonstrates AI algorithms and cloud-based management platforms, showcasing intelligent control as well as proactive operation and maintenance for refrigeration systems.

Beijing Awaits—Shaping the Future Together

At CRH 2026, Snowman Group looks forward to seeing you!

General Layout Plan



CR 中国制冷展 2027
CHINA REFRIGERATION

CRH 2027 | 制冷·空调·暖通
HVAC&R








THE 38TH INTERNATIONAL EXHIBITION FOR REFRIGERATION, AIR-CONDITIONING, HEATING AND VENTILATION, FROZEN FOOD PROCESSING, PACKAGING AND STORAGE


APR 7-9, 2027

Shanghai New International Expo Centre


Organizers:

-  Chinese Association of Refrigeration (CAR)
-  China Refrigeration and Air-Conditioning Industry Association (CRAA)
-  Beijing International Exhibition Center Co., Ltd. (BIEC)
-  Shanghai Society of Refrigeration (SSR)
-  Shanghai Air-Conditioning and Refrigeration Institute (SARI)

Supported by:

-  Beijing Chamber of International Commerce (BCIC)

Show Management:

-  Beijing International Exhibition Center Co., Ltd. (BIEC)



WWW.CR-EXPO.COM

