



Internasjonale nyheter Nr 36

Emerson marks 100 years of Refrigeration Innovation through its Copeland Technology

Emerson in Aachen is celebrating this year as the 100th anniversary of its Copeland™ brand, a name that has become synonymous with leadership in the design and manufacture of energy efficient, reliable compressors to power air conditioning, heating and refrigeration systems that are enhancing and protecting environments where people live and work. It's a milestone that Emerson will recognize over the next months as the company continues to innovate advanced Copeland products to solve critical industry challenges.

Call for abstracts now open for the IIR Congress 2023!

August 21-25, 2023, in Paris

To be organised under the theme "*Towards efficient, controlled and smart refrigeration*", the call for abstracts for the 26th IIR International Congress of Refrigeration has been launched. We are delighted to announce that the call for abstracts for the 26th IIR International Congress of Refrigeration (ICR 2023) is now open! The 26th edition of the IIR Congress, which will take place on August 21-25, 2023, in Paris, France, will reunite key international stakeholders and provide perspectives on the future of the industry in line with UN Sustainable Development Goals. This leading event in refrigeration, to be organised by the French Association of Refrigeration (AFF), will be held under the theme "Towards efficient, controlled and smart refrigeration" and will aim to explore how the industry can continue to build refrigeration with a positive impact. Delegates are invited to submit abstracts (up to 250 words) **by June 29, 2022**, via the Congress website. Abstracts are welcome under 10 key themes (IIR Commissions) encompassing all fields of refrigeration:



- A1 - Cryophysics & cryoengineering
- A2 - Liquefaction & separation of gases
- B1 - Thermodynamics & transfer processes
- B2 - Refrigerating equipment
- C1 - Cryobiology, cryomedicine & health products
- C2 - Food science & engineering
- D1 - Refrigerated storage
- D2 - Refrigerated transport
- E1 - Air conditioning
- E2 - Heat pumps & energy recovery

To submit an abstract or for more information,

China:

New Standard for Air-conditioning compressors implemented

The new GB/T 15765-2021 air-conditioning compressor standard was implemented last December. In 2019, the 'Green and Efficient Refrigeration Action Plan' jointly issued by the National Development and Reform Commission and seven other ministries and commissions

proposed that the MEPS of energy efficiency must be raised by 30% in 2020 and by more than 15% in 2030.

This revision incorporates R32 and R290 compressors into the standard and clarifies various technical indicators of R32 and R290 compressors accordingly.

ClimaCheck Webinar - Optimisation of HVACR systems

March 9th 16:00

Optimisation of HVACR systems - based on new guidelines to structure data collection from International Energy Agency (IEA) Annex 52. To work efficient with energy optimisation is more important than ever!

IEA Annex 52 released "*New Guideline for Instrumentation and Data*" in January 2022 which will help building owners, designers, and commissioning agents to evaluate, benchmark, and optimise heat pump and chiller systems. The report focuses on ground source systems, but it will influence how the industry works with the optimisation of all air conditioning, heat pump, and refrigeration systems. This is because it identifies the key parameters that need to be measured and recommends data collection and analyses that take variations in operating conditions into account.

HVACR systems – consumes approx. 20% of the global electricity – often use 20-30% more energy than they should because they are not optimised effectively. Most problems are caused by poor commissioning methods and a failure to detect performance deviations early.

During this webinar you will learn:

How to measure the performance of the air conditioning and heat pump systems using the Annex 52 guidelines.
How verification projects can identify savings potentials.
How to plan new projects and upgrade existing systems.
How this report is relevant for, and relates to, other types of HVACR systems. Information [ClimaCheck](#)

GMCC Sells 100 million AC compressors annually

Meizhi Compressor (GMCC), a Midea Group company and a world giant in the field of air conditioning compressor manufacturing, held a grand conference in Shunde, Guangdong, China, to celebrate the company's annual sales of 100 million air conditioning compressors in 2021. JARN reporters were also invited to attend and witnessed this exciting event.

European heat pump sales reach 2 million in 2021

The European Heat Pump Association (EHPA) has announced that 2021 was a decisive year for the energy transition and the heat pump sector. In 2020, the European market saw modest 7 % growth compared with 2019, and in 2021, the market not only recovered, but also grew at an unprecedented pace, with a market increase of more than 25 % and a total sales volume exceeding 2 million units, according to estimates.