



# Internasjonale nyheter Nr **28**

## JCI celebrates 50th anniversary of HVAC manufacturing facility

Johnson Controls (JCI) celebrated the 50th anniversary of the company's commercial HVAC manufacturing plant in Norman, Oklahoma, the United States. The 83.600 m<sup>2</sup> facility, known as Johnson Controls Rooftop Center of Excellence, serves as the company's flagship location for industry research, manufacturing and testing of commercial rooftop units.

### Africa:

## A substantial increase in local Air-conditioning assembly

In recent years, most countries in Africa have strengthened trade protection measures, and some countries have even increased the import tax rate of air conditioners to more than 40%. Many African countries have begun to import CKD or SKD from China and assemble air conditioners themselves, which has led to a significant increase in the number of local air conditioners. In contrast, China's exports of air conditioners to Africa are now significantly reduced.

### Germany:

## ATW heat pumps have a bright future thanks to Govt. investment

The German government announced on December 10 that Germany would reserve €60 billion (about US\$ 67.9 billion) for future investment in combating climate change. This policy is bound to promote further development of the ATW heat pump market. The flood disaster in Germany in the summer of 2021 has dealt a heavy blow to the air-conditioning market. Still, ATW heat pumps have been continuously recognized by the market as an alternative to fossil fuel boilers. It is reported that the sales of major brands, including German local brands, have steadily and continuously increased, exceeding the previous year's level.

## Frigoblock Refrigerates first 100% electric truck

The first refrigerated Volvo FE Electric distribution truck in Martin & Servera's fleet started operations in Stockholm, Sweden.

Frigoblock, one of the leading manufacturers of transport refrigeration units in Europe and brand of Thermo King®, announced today the delivery of the first all-electric distribution truck to Martin & Servera, a Swedish wholesaler for restaurants and commercial kitchens. The



new Volvo FE Electric truck featuring the electric Frigoblock FK13 refrigeration unit started delivery operations in the city of Stockholm,

Sweden. This zero-emission and low-noise solution will allow Martin & Servera to deliver goods in Low Emission Zones, and at any time of day or night, significantly contributing to increasing the efficiency of their inner-city deliveries. The driver can also easily operate the

refrigeration unit from inside the cab and turn it off if necessary when approaching one of the city's sensitive areas.

## Daikin Europe to focus on heat pump business

For the next five years, the focus of Daikin Europe is to contribute to the global environmental plan with the expansion of its heat pump business, developing energy-saving air conditioning and refrigeration (AC&R) equipment with lower global warming potential (GWP). To innovate in hydronic heat pump and refrigeration technology, Daikin decided to establish its global R&D Center in Ghent in Belgium and drastically expand its capabilities there.

## The Kigali Amendment celebrates five years of accelerating progress

Five years ago, on October 16, 2016, the Parties to the Montreal Protocol on Substances that Deplete the Ozone Layer agreed to the Kigali Amendment. Leaders in the global air conditioning and refrigeration (AC&R) and heat pump industry companies have every reason to celebrate the five-year anniversary of the Kigali Amendment and to look forward to a better world without high-GWP HFCs.

## AHRI to advance energy efficiency in the MENA region

The Air Conditioning, Heating, and Refrigeration Institute (AHRI) and the Clean Energy Business Council (CEBC) recently signed a Memorandum of Understanding (MoU) to further compliance with harmonized energy efficiency policies, codes, and regulations in the Middle East and North Africa (MENA) region. The agreement outlines shared goals for both organizations and encourages regional dialogue with stakeholders on building performance, energy conservation, and environmental

### AHRI:

## U.S. Unitary ACs Increase 9%

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) released October 2021 U.S. heating and cooling equipment data.

Year-to-date combined shipments of unitary and air-source heat pumps **increased 9.0 %** to 8,903,175 units, up from 8,170,621 units shipped during the same period in 2020.

Year-to-date shipments of unitary **increased 5.8%** to 5,546,135 units, up from 5,242,370 units shipped during the same period in 2020.

The year-to-date total for heat pump shipments **increased 14.6%** to 3,357,040, up from 2,928,251 units shipped during the same period in 2020.