Daikin exhibits at the COP28 Japan Pavilion

Daikin will showcase its **high-efficiency inverter air conditioner at the COP28 Japan Pavilion**, highlighting its ability to achieve up to 50% energy savings. The 28th Conference on Climate Change in Dubai, United Arab Emirates, from November 30 to December 12, 2023, will mark Daikin's first exhibit at a COP event.

Brussels, September 2023 – For the first time, Daikin Industries Ltd., mother company of Daikin Europe N.V., will exhibit at the Conference of the Parties to the United Nations Framework Convention on Climate Change. COP is an international conference that brings together leaders from international organizations, national and local governments, NGOs, and leading companies to discuss international trends and the necessary rules for mitigating global warming. The conference has been held since 1995, and this year marks its 28th meeting.

"We are committed to realizing carbon neutrality worldwide by creating highly energy-efficient air-conditioning innovations. At COP28 we look forward to connecting with government officials and other stakeholders from around the world and present our inverter technology, which holds a variety of environmental benefits," said **Masatsugu Minaka, Senior Executive Officer of Daikin Industries and Chairman of Daikin Europe.**

Business rooted in the **Middle East region**

Japan's environment ministry hosts the **Japan pavilion at COP28** and uses the exhibition and side events to globally showcase **excellent products, services, and initiatives from Japan for combating climate change**.

"Daikin Middle East and Africa FZE and its mother company Daikin Europe, have been working to advance inverter-equipped, energy-efficient air conditioning systems. As a company with business rooted in the region, we are pleased and honoured to participate in COP28 in Dubai," said **Hasan Önder, President of Daikin Middle East and Africa**.

High-efficiency inverter air conditioners use **50% less energy**

With a high-efficiency inverter, also known as variable speed technology, the air conditioner precisely controls the rotation speed of the air conditioner compressor in line with ambient conditions to reduce electric power consumption by more than 50%[1)] compared to non-inverter air conditioners. Today, air conditioners account for about 10%[2)] of the world's total electricity demand, while recent developments in emerging countries have led to an increasing energy demand for air conditioners by an average of 4% per year.[3)]

The G7 Summit in May 2023 and G20 Energy Transitions Ministers' Meeting in July 2023, highlighted the importance of enhanced energy efficiency and savings as the 'first fuel' to achieve net-zero emissions by 2050 at the latest, as well as energy transitions. Energy efficiency is also becoming a more pressing topic internationally, with the International Energy Agency (IEA) indicating the need to double energy efficiency.

While the ratio of air conditioners equipped with energy-saving inverter technology has reached nearly 100% of the market in both Japan and Europe, it is still low around the world including in the U.S., Middle East and Africa, as well as Asia. To increase its use even further, it is necessary to raise awareness in each country that high-efficiency inverter air conditioners can be introduced immediately, and an important benefit is that the technology has immediate effects.

Daikin will use the opportunity to appeal to COP participants such as governments, world leaders and observers about the many advantages of switching to high-efficiency inverter technology.

Daikin's COP28 exhibition

- Outdoor unit of a high-efficiency inverter air conditioner (explanation of internal structure)
- Video showing how inverters work
- Inverter demonstration model
- Overview of Daikin' global sales and service network

Get more information about COP28

References and abbreviations:

[1)] Calculated based on Daikin's demonstration testing
[2)] Calculated by Daikin based on IEA/UNEP 'Cooling Emissions and Policy Synthesis Report'
[3)] Sourced from the IEA Space Cooling Tracking report

About Daikin

Daikin Europe N.V.

Daikin Europe N.V. is a subsidiary of the global group Daikin Industries, and the leading provider of heating, cooling, ventilation, air purification and refrigeration (HVAC&R) technology in Europe, Middle East and Africa. Daikin designs, manufactures, and brings to market a broad portfolio of products, maintenance services as well as turnkey solutions for residential, commercial, and industrial purposes. To date Daikin Europe has over 13,700 employees across more than 57 consolidated subsidiaries. It has 14 manufacturing facilities based in Belgium, the Czech Republic, Germany, Italy, Spain, Austria, the United Kingdom, Turkey, the United Arab Emirates, and the Kingdom of Saudi Arabia. The headquarters of the Daikin Europe group are in Ostend, Belgium. The company was established in 1972, production in Europe started in 1973.

Daikin Industries Ltd.

Daikin Industries was founded in 1924, in Osaka, Japan. The global group employs over 96,000 people worldwide and is the market leader for heat pump and air conditioning systems, as well as air filtration. It is the only manufacturer in the world that develops and manufactures heating, ventilation, air conditioning and refrigeration equipment, as well as refrigerants in-house. The company achieved € 28.2 billion sales turnover in fiscal year 2022 (1 April 2022 – 31 March 2023).

Read more on www.daikin.com.

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