

WHAT MATTERS MOST?

RECOGNIZING THE ESSENTIAL ROLE OF TEMPERATURE THIS WORLD REFRIGERATION DAY 2024

On April 24, 2024, the Philippine Atmospheric, Geophysical, and Astronomical Services Administration (PAGASA) issued a warning under the "danger" classification on 30 areas in the country as temperatures soar between 42°C and 51°C.

With the increasing and peaking heat index all over the Philippines during the summer season, individuals and households were affected and are becoming more dependent on cooling technologies, such as refrigerators and air-conditioners.

The country is getting warmer and warmer. This circumstance underscores the importance of creating and maintaining temperature-controlled environments in the country so human health, our natural resources, and the environment will not be suffocated and threatened.

Household comfort aside, ensuring temperature-controlled environments is essential in various sectors, like agriculture, health, manufacturing, and the food industry, to name a few. The progress of economy and the contemporary life relies on cooling technologies.

To honor the contributions of significant professionals who design, build, maintain, and regulate cooling systems and technological advancements that have made a temperature-controlled world possible, the Philippines joins other nations in celebrating World Refrigeration Day on June 26th of each year.

This commemorative event aims to highlight the pivotal role that cooling and heating systems and technologies play in modern life, reinforcing a healthier and more comfortable space for every individual and industry.

This year's theme for World Refrigeration Day is "#TemperatureMatters." As Stephen Gill unveiled the theme, former president of the Institute of Refrigeration in the United Kingdom reiterated, "The importance of temperature connects us all, no matter where we live. Temperature control is essential for more than just our comfort and health in homes and workplaces. It's crucial for preserving food and medicines, and it plays a vital role in many industrial processes at both high and extremely low temperatures. Temperature can mean the difference between life and death; temperature matters—absolutely."



The industry also celebrates the legacy and the 200th anniversary of the birth of the pioneering figure in thermodynamics, Lord Kelvin. Kelvin's contribution to the definition of the absolute temperature scale has a significant influence on modern thermal energy management, which includes both heating and cooling technologies.

In the heating industry, Lord Kelvin's insights have paved the way for the development of heat pump technologies, which are central to low-carbon heating strategies worldwide. These technologies exemplify how principles of refrigeration are applied to heating, demonstrating the sector's critical role in global decarbonisation efforts.

The Philippines, through its National Ozone Unit, takes responsibility for limiting the consumption of refrigerants that are harmful to the ozone layer and the climate. In an effort to lessen our environmental impact, the nation is proud to use natural refrigerants like carbon dioxide, ammonia, and hydrocarbons.


Furthermore, the unit conducts awareness programs in different regions of the country and discusses the identification of refrigerants and the basic practices of safe and proper handling, transport, and storage of refrigerants. In addition, the unit consults the cooling industry professionals to raise their issues and concerns and consolidates the suggestions and recommendations provided to address them and provide appropriate actions.

This World Refrigeration Day, may everyone treasure the convenience and assistance that cooling and heating systems and technologies provide to mankind, the environment, and the Earth.


Indeed, temperature matters, and what matters most is the accountability and responsibility of every individual and industry, which are essential to maintaining temperature-controlled environments for all.

#TemperatureMatters
#WorldRefrigerationDay #WREFD2024


#TemperatureMatters




Up to 0.5C of global temperature rise can be avoided by year 2100 under the Kigali Amendment, which is reducing powerful greenhouse gases known as HFCs.



Switching to eco-friendly refrigerants under the Kigali Amendment means less CO2 emissions, more sustainable cooling systems, and a healthier planet.



Green cooling technologies create jobs and provide opportunities for young people, including women.



The Kigali Amendment is protecting our climate by tackling different kinds of pollutants. It shows that countries can work together to solve environmental problems.

