



Environment

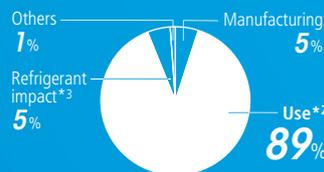
Contributing to the Realization of Net Zero Energy Buildings through Optimally Controlled Air Conditioning Systems

Why is it important?

Sustainable Development for Society Requires Reductions in Energy Consumption

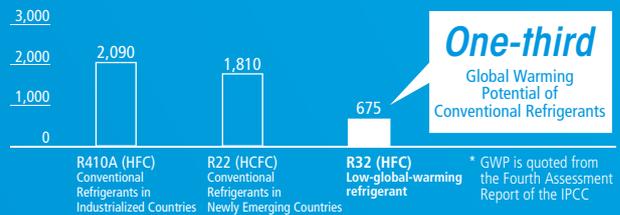
Daikin's main product of air conditioners contribute to economic development and a better quality of life in the world's hot regions. At the same time, they consume large amounts of energy during usage, and their fluorocarbon refrigerants contribute to climate change. To ensure that air conditioners make peoples' lives healthier and more comfortable, Daikin is striving to develop and provide products and services that contribute less to climate change, and it is working with stakeholders to reduce the energy consumption of air conditioning.

Breakdown of CO₂ Emissions throughout Lifecycle*1 (Residential air conditioners in Japan)



*1 Based on Daikin standards for 2.8-kW-class products.
 *2 The seasonal power consumption is calculated in accordance with the Japanese Industrial Standards (JIS).
 *3 Refrigerant impact is calculated by obtaining the global warming potential per unit of weight while factoring in the average leakage rate during the product use, disposal, and recycling stages.

Global Warming Potential of Refrigerants (Fluorocarbon)*



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New Value Creation

Creating Spaces That Meet the Needs of Society by Integrating Technologies of Air Conditioning and Filter with Engineering Prowess

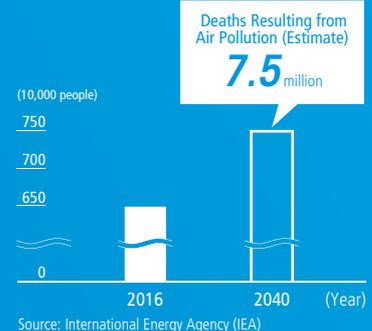
Why is it important?

Harmful Air Pollutants Have Become a Global Problem

According to a 2016 study by the World Health Organization (WHO), 80% of the population in the world's major cities lives in unhealthy air environments. Topping the list are cities in newly emerging countries undergoing unprecedented economic development in which factories, power plants, and cars emit PM2.5 and other air pollutants.

Indoor air environments are also important. After all, this is where people spend more than 90% of their time.

We believe that it will become increasingly important to develop technologies that improve indoor air environments by removing pollutants, preventing their emission, blocking out polluted air.



Customer Satisfaction

Solving Problems Faced by Customers in Managing Air Conditioning Equipment



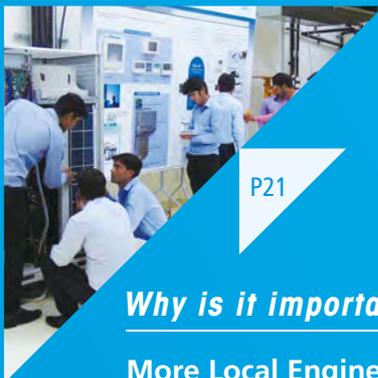
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Why is it important?

Solving Customer Problems and Earning Their Trust

Providing customers with better products and services brings them satisfaction. With so many different kinds of products on the market, customers don't make choices based on performance alone. Customers want performance and service that exceeds their expectations. Daikin can use its specialized knowledge and technologies to anticipate and solve customer concerns regarding the use of air conditioners and refrigeration equipment.

Such efforts will strengthen the bonds of trust with customers and lead to the growth of our business and solutions to the issues facing society.



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Human Resources

Supporting the Training of Engineers in Emerging Countries through Industry-Government-Academia Collaboration

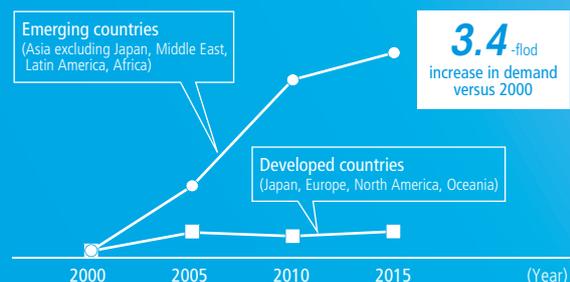
Why is it important?

More Local Engineers Needed to Support Air Conditioner Industry

The widespread use of air conditioners requires more than just their manufacture: you also need people with the specialized skills to install, maintain, and repair them. By globally fostering human resources with these skills, we can contribute to further air conditioner adoption and a better quality of life for people in these worldwide communities.

It is especially important that we waste no time in training human resources in the newly emerging countries where air conditioner use is on the rise, since there is a shortage of engineers in those countries.

Air Conditioner Demand Growth Rate (Since 2000)



Note: Data created based on "World Air Conditioner Demand by Region," published by the Japan Refrigeration and Air Conditioning Industry Association.