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THERMAL CONTROL

BUSINESS UPDATE

India's complete HVACR magazine

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LAST MILE FRESHNESS

Food is a big part of Indian culture. With the rising population, urbanisation, and changing lifestyles, the demand for perishable goods has shot through the roof. Production has soared to meet demand, but delivering fresh produce and sustaining it until consumption is still challenging. The feature treats this complicated part of cold chain logistics and tech integration as a resolution.

the largest share, as HVAC systems play a vital role in maintaining optimal temperature and ventilation in office spaces.

Industry developments and product launches

The U.S. EPA plans to prohibit using R-410 refrigerant in HVAC systems nationwide by 2024 and encourage the transition to a new type of refrigerant, known as A2L, in these systems by 2025. Such changes are expected to boost the replacement activities of existing HVAC systems with new ones or update them. This is anticipated to contribute to market growth.

During September 2021, Carrier Transicold introduced two fresh additions to its Citimax unit range, namely, the Citimax 1000 and Citimax 1100 units, designed to cater to heavy-duty refrigerated trucks equipped with high-roof cabs.

In August 2021, Johnson Controls collaborated with Apollo Global Management to provide sustainability and energy efficiency services to assist customers in achieving their building decarbonisation and cost-saving objectives.

In May 2021, Carrier announced the availability of evaporative pre-cooling technology in Carrier's AquaForce 30XV product line.

Market players and regional trends

Prominent players in the market are launching a substantial number of products, motivated by factors like expanding their product reach and enhancing accessibility across diverse geographic regions.

The key players adopting this strategy to achieve organic growth include Carrier Corporation, Rheem Manufacturing Company, Hitachi Ltd., Daikin Industries, Ltd., and Samsung. Other major players contributing to HVAC system growth include Daikin Industries Ltd., Ingersoll Rand PLC, Johnson Controls, Inc, Nortek, Inc., United Technologies Corp., Electrolux AB, Dixell-Emerson, Honeywell International Inc, Lennox International Inc, and LG Electronics.

The Asia Pacific region is projected to capture a big market share, propelled by increasing income levels and a growing recognition of energy-efficient products. Moreover, the expanding real estate sector, driven by population growth, will further boost demand for these products. Additionally, promoting smart building solutions and government initiatives endorsing the adoption of energy-efficient and cost-effective systems are expected to boost regional market expansion in future.

<https://www.grandviewresearch.com>
<https://www.verifiedmarketresearch.com>

MECO Power and Harmonics Analyzer for a variety of audits

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Under BEE's PAT Scheme (Perform, Achieves & Trade), eight industrial sectors are mandated to compulsorily improve their energy efficiency by adopting all the available measures, including replacing their old equipment with new and energy-efficient equipment.

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