

Residential Heat Pump Market to Reach \$77.5 Billion by 2030, Driven by Smart Homes & Green Energy

Residential heat pump market to hit \$77.5 Bn by 2030, driven by smart tech, green energy, and rising demand for efficient HVAC systems.

WILMINGTON, DE, UNITED STATES,
June 30, 2025 /EINPresswire.com/ --

According to a report by Allied Market Research, the [residential heat pump market](#) size was valued at \$33.5 billion in 2021 and is projected to hit \$77.5

billion by 2030, growing at a CAGR of 9.7% from 2022 to 2030. This impressive growth is driven by the rising demand for energy-efficient, eco-friendly, and cost-effective climate control systems for homes.



Global Residential heat pump market to hit \$77.5B by 2030, driven by smart tech, green energy, and rising demand for efficient HVAC systems.

Allied Market Research

Download PDF Brochure:

<https://www.alliedmarketresearch.com/request-sample/A15982>

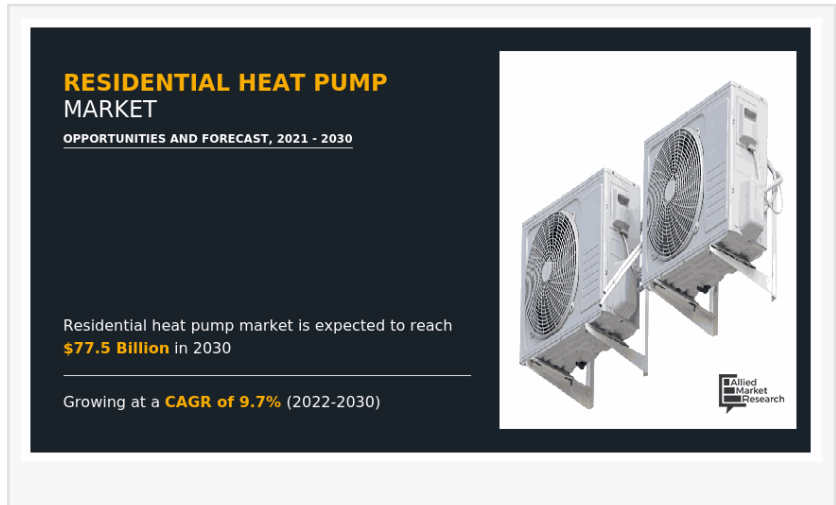
What Are Residential Heat Pumps?

Residential heat pumps are energy-efficient systems used to regulate indoor temperatures by extracting and transferring heat. They serve as both heating and cooling solutions, making them a versatile alternative to traditional

furnaces and air conditioners. With mounting concerns over carbon emissions and energy bills, homeowners are increasingly shifting to these sustainable HVAC technologies.

Regional Growth: Asia-Pacific Leading the Surge

The Asia-Pacific region is expected to witness the fastest growth during the forecast period.



Rapid urbanization, infrastructural development, and increasing awareness of green technologies are pushing countries like China, Japan, and South Korea to adopt residential heat pump systems at scale. □□□□□□

□ Key Market Drivers

1. □ Sustainability & Energy Efficiency

As global energy regulations tighten, the demand for low-carbon, high-efficiency solutions has surged. [Global Heat pumps](#) offer a cleaner alternative, aligning with national goals to reduce greenhouse gas emissions.

2. □ Cost-Saving Potential

Though upfront installation costs may be high, residential heat pumps reduce long-term utility bills, making them a compelling choice for cost-conscious homeowners.

3. □ Smart Technology Integration

Modern heat pumps now come equipped with smart home compatibility, enabling users to monitor and optimize their energy consumption via mobile apps and automated systems.

□ Market Segmentation Insights

□ By Type:

Air Source Heat Pumps: Dominated the market in 2021 and are expected to be the fastest-growing due to ease of installation and affordability.

Water Source Heat Pumps: Effective in areas near large water bodies but less common.

Ground Source (Geothermal) Heat Pumps: Offer the highest efficiency but involve higher installation complexity and cost.

Hybrid Systems: Combine traditional systems with heat pumps for optimal efficiency in fluctuating climates.

□ By Power Source:

Electric-Powered: Leading the market with increased adoption in solar-integrated homes and areas with clean electricity grids.

Gas-Powered: Useful in regions with limited electric infrastructure but witnessing slower

growth.

□ By Application:

Heating & Cooling: Dual-functionality makes these units attractive for year-round use.

Water Heating: Growing adoption as a replacement for traditional electric or [gas water heaters](#).

Buy This Report (210 Pages PDF with Insights, Charts, Tables, and Figures):

<https://bit.ly/3NBe4y9>

□ Market Trends & Innovations

□ Renewable Energy Integration

Pairing heat pumps with rooftop solar panels or home batteries enhances their economic and environmental benefits.

□ Cold Climate Compatibility

Technological advancements now allow heat pumps to function efficiently in extremely cold environments, expanding their reach in northern regions.

□ Smart Home Compatibility

Integration with IoT platforms, voice assistants, and programmable thermostats is making heat pumps more user-friendly and intelligent. □□

□ Price Reduction Over Time

Mass production and rising competition are driving down costs, making residential heat pumps more affordable to a broader consumer base.

□ COVID-19 Impact: Temporary Setback, Long-Term Growth

The pandemic led to temporary supply chain disruptions and labor shortages, causing a production decline in 2020. However, as economies recover and governments invest in green building retrofits, the residential heat pump market is rebounding strongly.

According to the United Nations Industrial Development Organization (UNIDO), 30–70% of industrial workers migrated during the lockdown, affecting manufacturing. But with post-COVID energy priorities shifting toward sustainability, the sector is set for a resilient recovery.

□ Key Market Players

Major players shaping the global residential heat pump market include:

Midea Group

Daikin

Carrier Corporation

Johnson Controls

Glen Dimplex

NIBE

Mitsubishi Electric

Viessmann

Stiebel Eltron

Danfoss

These companies are investing heavily in product innovation, global expansion, and smart HVAC technologies to maintain competitive advantage.

Enquiry Before Buying: <https://www.alliedmarketresearch.com/purchase-enquiry/A15982>

□ Future Outlook

With rising electricity prices, urban infrastructure development, and a global push for sustainable living, the residential heat pump market is positioned to grow rapidly. Innovations like smart thermostats, AI-driven energy management, and solar integration will play key roles in shaping the next phase of this industry. □□□□□

Trending Reports in Energy and Power Industry:

Industrial Heat Pump Market

<https://www.alliedmarketresearch.com/industrial-heat-pump-market-A47269>

Heat Pump Market

<https://www.alliedmarketresearch.com/heat-pump-market>

Commercial Heat Pump Water Heater Market

<https://www.alliedmarketresearch.com/commercial-heat-pump-water-heater-market-A14520>

Geothermal Heat Pump Market

<https://www.alliedmarketresearch.com/geothermal-heat-pump-market-A10486>

Residential Heat Pump Market

<https://www.alliedmarketresearch.com/residential-heat-pump-market-A15982>

Underfloor Heating Market

<https://www.alliedmarketresearch.com/underfloor-heating-market-A06488>

Heat Exchanger Market

<https://www.alliedmarketresearch.com/heat-exchanger-market>

Heat Meters Market

<https://www.alliedmarketresearch.com/heat-meters-market-A06990>

About Us

Allied Market Research (AMR) is a full-service market research and business-consulting wing of Allied Analytics LLP based in Portland, Oregon. Allied Market Research provides global enterprises as well as medium and small businesses with unmatched quality of "Market Research Reports" and "Business Intelligence Solutions." AMR has a targeted view to provide business insights and consulting to assist its clients to make strategic business decisions and achieve sustainable growth in their respective market domain.

Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the

industry.

David Correa

Allied Market Research

+ 1800-792-5285

[email us here](#)

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[YouTube](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/826883534>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.