

Central Air Conditioning Systems – A US Market Overview

“The report reviews, analyzes and projects the United States Shipments of Central Air Conditioning (CAC) Systems segmented by Direct Exchange DX CAC Systems (Split AC Systems, Packaged AC Systems and Heat Pumps) and Central Plant CAC Systems (Chillers, Cooling Towers, Air Handling Units and Fan Coil Units) for the period 2012-2022.”

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SUMMARY

Shipments of unitary central air conditioning or direct expansion (DX) central air conditioning systems showed a promising growth during past few years, with a CAGR of nearly 7% during 2012 to 2016 period. Further, this segment is estimated to grow with a projected CAGR of 6.7% between 2017 and 2021, mainly attributed to the anticipated growth in the new residential construction activity and strong growth in demand for replacements. On the other side, shipments of the central plant air conditioning systems have performed poorly and expected to show moderate growth during the analysis period. The slowdown in new non-residential construction is blamed for restricting further market expansion in central plant systems, but demand from commercial office and hospitality verticals is projected to aid central plant systems to achieve a moderate growth.

Rapid gains are slated to be witnessed by heat pumps and ductless air conditioning systems. Shipments of heat pumps providing both heating and cooling are set to increase in markets such as non-residential, that give primary significance to energy efficiency gains. Ductless air conditioning systems have taken the industry by storm, growing at double-digit rates in the US for the last five years. Further, manufacturers are raising awareness among consumers about advancements in ductless technology, which make them suitable for any application or climate.

The Central Air Conditioning (CAC) systems market report reviews, analyses and projects the shipments of CAC systems in the United States for the period from 2012 through 2022. CAC product segments analyzed in this study include Direct Expansion (DX) Central Air Conditioning Systems and Central Plant/Chilled Water Central Air Conditioning Systems (Central Plant AC Systems) also referred as Applied Systems.

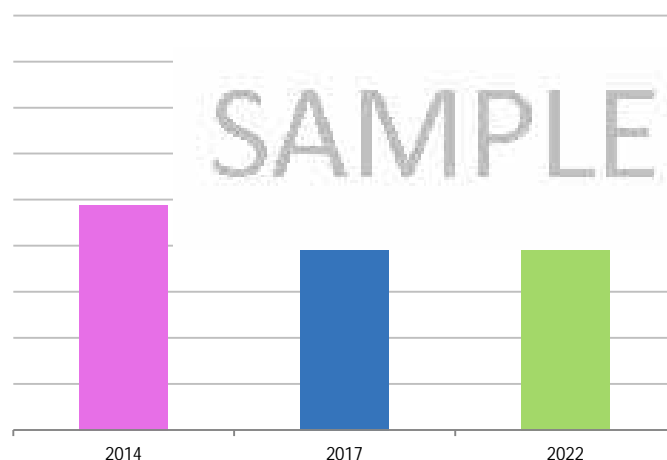
Among the major segments of the US CAC systems, Direct Expansion (DX) Central Air Conditioning Systems are projected to witness the fastest growth of 6.7% in unit shipments and 7.2% in shipments value during 2017 to 2022 analysis period. This growth is mainly attributed to the significant growth expected in the residential construction. Shipments of Heat Pumps are estimated to spur the growth of DX systems, registering a 2017-2022 CAGR of 8.9% to reach 3.8 million units valued at US\$5 billion in 2022.

The report also analyzes the shipments analysis of the sub-segments of DX CAC Systems – Split AC Systems (only greater than 8 kW of cooling capacity are considered for this segment which are capable of accommodating more than one indoor units and to be considered as central systems), Packaged AC Systems and Heat Pumps; and Central Plant CAC Systems – Chillers, Cooling Towers, Air Handling Units and Fan Coil Units.

This 162 page market report includes 32 charts (includes a data table and graphical representation for each chart), supported with meaningful and easy to understand graphical presentation, of shipments. The statistical tables represent the data for the CAC systems shipments value (in USD Million) and in unit shipments for major product segments and their sub-segments.

The study profiles 8 major market players and 46 other key players that are engaged in central air conditioning systems production and supply in the US. The research also provides the listing of the companies engaged in the production of central air conditioning systems and equipment in the US. The list of companies covers the address, contact details and the website addresses of 78 companies.

[United States Central Air Conditioning \(CAC\) Systems Shipments Analysis \(2012-2022\) in Shipment Value \(USD Million\)](#)



SAMPLE COMPANY PROFILE

CARRIER CORPORATION (UNITED TECHNOLOGIES CORPORATION)

1, Carrier Place, Farmington, Connecticut 06034-4015
United States
Phone: 860-674-3000
Fax: 860-674-3139
Website: www.carrier.com

Business Overview

Carrier Corporation is a global leading manufacturer of high-technology heating, air conditioning and refrigeration solutions. The company is part of UTC Climate, Controls & Security, a unit of United Technologies Corporation. The company operates on a global basis in 172 countries. Carrier has a history spanning over a century, when Willis Carrier designed the first air conditioning unit in 1902. Carrier is also engaged in providing refrigeration for transportation of food, and air conditioning for railways, buses and marine transportation.

The company is also engaged in providing installation, retrofit and aftermarket services and components for its sold products, as well as other manufacturers' HVAC and refrigeration products. Primary consumers of Carrier's products include building contractors and owners, food service companies, homeowners, retailers and transport companies. In addition to selling its products through manufacturers' representatives, distributors, wholesalers, dealers and retail outlets, Carrier also sells the products directly to the end users. Due to seasonality of certain businesses of Carrier, there tends to be adverse impact due to weather conditions. To overcome these barriers, the company uses the strategy of offering incentives to customers to make sure that there is always ample supply of its products in the distribution channels.

UNITED TECHNOLOGIES CORPORATION

Carrier's parent company, United Technologies Corporation, is a diversified conglomerate operating in several fields. Established in Delaware in 1934, UTC is active in the global building systems and aerospace industries markets. Major operating units of the company include Otis, Carrier and UTC Fire & Security (commercial businesses) that serve the needs of customers in the commercial and residential property industries on a worldwide basis. Pratt & Whitney, Hamilton Sundstrand and Sikorsky (aerospace businesses) provide commercial and government clients with OEM as well as aftermarket parts and services concerned with the aerospace industry.

Major brands of Carrier products include Beverage Air, Bryant, Carrier, Carter-Hoffmann, Payne Heating & Cooling, Taylor Company, Totaline, Tadiran, International Comfort Products ICP, Linde Refrigeration, Magic Aire, Micro Thermo Technologies, Transicold and Comfortmaker.

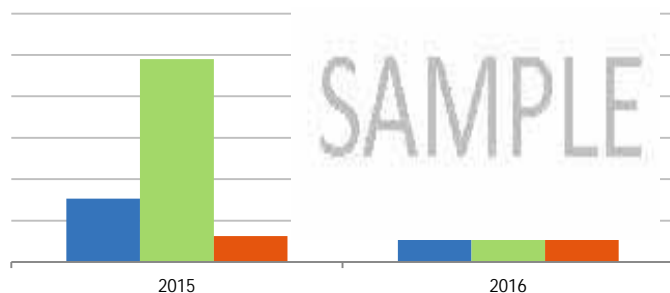
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SAMPLE TABLE/CHART

Glance at 2017 United States Central Plant AC Systems Unit Shipments Share (%) by Sub-Segment – Chillers, Cooling Towers, Air Handling Units and Fan Coil Units



United States Chillers Unit Shipments Analysis (2015 & 2016) by type of compressor and capacity (hp) in Units



KEY PLAYERS PROFILED

- Carrier Corporation
- Goodman Manufacturing Company, L.P.
- Lennox International Inc.
- Daikin Applied Americas Inc.
- Nortek Global HVAC LLC
- Rheem Manufacturing Company
- Trane Inc.
- York International Corporation

Profiles of Other Key Players

- AAON, Inc.
- Addison HVAC
- Aerosys Incorporated
- Airwell-Fedders North America, Inc.
- Allied Air Enterprises
- Allstyle Coil Company, L.P.
- Aire-Flo Heating and Cooling
- American Standard Heating & Air Conditioning
- Bard Manufacturing Company, Inc.
- Broad USA, Inc
- Broan Heating and Cooling Systems
- Calmac Manufacturing Corporation
- Coaire Air Compressors
- Cold Point Corporation
- Coleman Heating & Air Conditioning
- Dadanco US, Inc.
- Dunham-Bush Americas

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About Industry Experts

Industry Experts' market research, backed by years of experience and an analytical team dedicated to providing the most optimal business solutions, has been specifically designed to provide a variety of benefits, both current and future. Our leading-edge publications make the life easy for corporate strategists, investors, analysts and researchers, startups, consultants, financial and banking executives, academicians and many more. The company also provides customized research reports to cater the needs of the industry.

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