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**FACT SHEET: CARRIER HISTORICAL FIRSTS**

- 1902 First application of modern mechanical air conditioning, Sackett-Wilhelm printing plant, Brooklyn, N.Y.
- 1904 On September 16, application for a patent for “Apparatus For Treating Air”
- 1906 On January 2, U.S. Patent No. 808897 issued for “Apparatus For Treating Air”
- 1914 First application of air conditioning in a residence - Charles Gates mansion, Minneapolis
- 1914 U.S. Patent No. 1,085,971 issued for “dew point control,” a fundamental discovery which led to automatic controls for air conditioning systems
- 1922 Carrier invents centrifugal refrigeration system (chiller)
- 1924 First department store air conditioned, J.L. Hudson's, Detroit
- 1925 Movie theaters cooled: Grauman's Theater, Los Angeles; Rivoli Theater, New York City
- 1925 First professional hockey game played indoors at Madison Square Garden; ice refrigerated by Carrier centrifugal chillers
- 1926 First office building air conditioned, T.W. Patterson Building, Fresno, Calif.
- 1926 First home air conditioner, used gas as its fuel
- 1928-29 Chambers of the U.S. House of Representatives and Senate air conditioned
- 1930 S.S. Victoria first vessel to provide air conditioning for passengers' comfort
- 1931 “Martha Washington” railroad dining car the first to be air conditioned
- 1932 Carrier Room Weathermaker introduced for cooling residences
- 1937 Baghdad-to-Damascus bus air conditioned by Carrier
- 1939 More than 4 million visitors the “Carrier Igloo of Tomorrow” at the New York World’s Fair

## CARRIER HISTORICAL FIRSTS – Page 2

- 1944 Four U.S. patents issues for Carrier Conduit Weathermaster systems, which made possible the efficient air conditioning of skyscrapers
- 1946 First public bus air conditioned, San Antonio
- 1952 First residential community to advertise "central air" - St. Louis
- 1981 Indianapolis USA: Mayor's Proclamation for reduction in emissions and energy use
- 1992 Named a partner in EPA's Green Lights program to reduce energy use, pollution
- 1993 On June 3, Pope John Paul II dedicates a climate control system for the Sistine Chapel, designed by Carrier
- 1993 Carrier ceases manufacture of CFC-based chillers in the U.S. - two years before the deadline established by the Clean Air Act
- 1994 Carrier announces a worldwide CFC phase-out, 10 years in advance of requirements in some markets
- 1994 New York State Governor's Award for Energy Excellence, Innovation
- 1994 First non-ozone-depleting, chlorine-free centrifugal chiller and residential central air conditioner introduced
- 1994 Carrier wins EPA Stratospheric Ozone Protection Award
- 1996 Carrier designs a one-of-a-kind display case to preserve the "Ampato Maiden," a 500 year-old Inca mummy discovered in the Andes in Peru, and exhibited at National Geographic headquarters in Washington, D.C., as well as in Peru
- 1996 EPA Stratospheric Ozone Protection Award
- 1996 Carrier NAO: US EPA Green Lights Program Award
- 1996 Carrier conducts its first FreeMarkets online auction for castings and machined parts
- 1997 Cerro Paranal (Chile) Very Large Telescope , world's largest telescope, cooled by Carrier
- 1997 New York State Governor's Award for Pollution Prevention
- 1997 Carrier, Syracuse: EPA Region II Award for Recycling
- 1997 EPA Stratospheric Ozone Protection Award - Carlyle Compressor Division for Corporate Leadership in HFC Supermarket Refrigeration Demonstration
- 1998 George Washington's Mount Vernon cooled by Carrier

### **CARRIER HISTORICAL FIRSTS – Page 3**

- 1998 First product line of high-efficiency residential air conditioners and heat pumps using Puron (R410A) introduced
- 1998 US EPA: Region II, Environmental Quality Award for Protecting and Enhancing Environmental Quality, Syracuse
- 1998 US EPA: Stratospheric Ozone Protection Award presented for Technological Leadership in CFC-Free Air Conditioning
- 1998 Dr. Willis H. Carrier named one of TIME magazine’s “100 Most Influential People of the Century.”
- 1999 Carrier Syracuse, N.Y. campus designated by the U.S. Environmental Protection Agency (EPA) as a 1999 WasteWise Program Champion for establishing a waste reduction and recycling program that has cut annual waste by 74 percent, resulting in an annual savings of more than \$3.8 million
- 1999 Carrier awarded a New York Governor’s Achievement of Excellence citation for waste reduction and recycling
- 1999 First HVAC manufacturer to sell window/room air conditioning units over the Internet (roomair.com)
- 2000 ComfortChoice<sup>SM</sup>, the first “Internet” thermostat, introduced by Carrier in conjunction with Silicon Energy, enabling utilities to realize peak demand savings without compromising homeowners’ comfort and controls
- 2002 On July 17, Carrier completes the first century of air conditioning as the world leader in heating, cooling and refrigeration innovation.

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