

# Brief History of Refrigeration

Online HVAC Course By Er. Mohd Sharif



# Prehistoric Times

- Since prehistoric times, Snow and Ice were used for cooling.
- The business of harvesting ice during winter and storing for summer.
- This practice was replaced by mechanical ice-making machine. 2nd Century Chinese inventor Ding-Huan of the Han Dynasty invented a rotary fan for AC.



# History of Refrigeration

- For 17th Century, Cornelius Drebbel demonstrated "Turning summer into winter" for jams of England by adding salt to water.
- James Harrison's first ice-making machine began in operation in 1851. Followed in 1853, vapor compression refrigeration system was granted in 1855.
- Modern AC emerged from advanced in chemistry during the 19th century. The first large scale electric AC was invented and used in 1902 by American inventor Willis Carrier.
- Willis Carrier is also known as father of HVAC.
- In 1902, First modern electric air conditioning unit was invented by Willis Carrier in Buffalo, New York.
- The First Air-Conditioner, designed and built in Buffalo by Carrier, began working on 17th July 1902.
- In 1995, Germany made CFC refrigeration illegal.
- In 2004, Greenpeace worked with multinational corporation like Coca-Cola and Unilever and later Pepsico and other, to create a corporate coalition called Refrigerant Naturally
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# History Refrigeration Timeline

