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Brief History Of The WALTON Company

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Date : 7/12/2024

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## Executive summary:

In April 2017, Walton established the country's first-ever and only compressor manufacturing factory. With the inauguration of the plant, Bangladesh has emerged as the world's 15th as well as Asia's 8th compressor manufacturing country.

In January 2018, Walton opens the first ever computer assembly plant. At the same time it became the first ever Bangladeshi company to export locally made laptops to Nigeria.

Even it has successfully expanded TV export market to around 14 countries in Europe, including Germany, Denmark, Ireland, Poland, Greece, Spain, Croatia, Italy and Romania.

In February 2020, for the first time, Walton started exporting handsets to the United States as a Bangladeshi original equipment manufacturer company to a renowned American brand.

With over 30,000 employees, Walton is one of the largest employers in Bangladesh. It operates more than 1,000 retail stores under the brand name "Walton Plaza" and has an international presence in [China](https://en.wikipedia.org/wiki/China), [India](https://en.wikipedia.org/wiki/India), and the [United States](https://en.wikipedia.org/wiki/United_States).[[3]](https://en.wikipedia.org/wiki/Walton_Group#cite_note-3)[[4]](https://en.wikipedia.org/wiki/Walton_Group#cite_note-4)

The company has been recognized as a prominent player in the [Bangladeshi economy](https://en.wikipedia.org/wiki/Bangladeshi_economy), with a significant presence in the country's consumer [electronics](https://en.wikipedia.org/wiki/Electronics), real estate, and [retail sectors](https://en.wikipedia.org/wiki/Retail).[[5]](https://en.wikipedia.org/wiki/Walton_Group#cite_note-5)[[6]](https://en.wikipedia.org/wiki/Walton_Group#cite_note-6)[[7]](https://en.wikipedia.org/wiki/Walton_Group#cite_note-7)[[8]](https://en.wikipedia.org/wiki/Walton_Group#cite_note-8) In 2019, it was ranked as the second-largest corporate donor in Bangladesh by the [CSR Centre](https://en.wikipedia.org/wiki/CSR_Centre) and Sustainability Excellence. In April 2022, Walton acquired 3 European brands to make 4.8 million compressors a year. Walton Hi-Tech Industries PLC announced the purchase of two more brands – Zanussi Elettromeccanica (ZEM) and Verdichter (VOE) – from Italia Wanbao-ACC.

## Product of company:

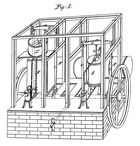
### Air cooler:

Evaporator Air Cooler is the new addition in home appliances category of Walton Brand. The Evaporative Air Coolers are built to maximize energy efficiency and keep costs low. Warm air is drawn into the cooler through a dust filter and enters the Honeycomb Cooling Media. Water pumped from the tank pours over the honeycomb media. As the warm air passes through the media, the water absorbs the heat, naturally cooling and humidifying the air, and propels the cooled air out into the room. This no-compressor system cools naturally, efficiently and inexpensively. Place the cooler in front of an open door or window. Ensure that there is adequate cross - ventilation in the room by leaving a door or window open opposite the cooler.

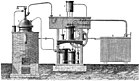
### Refregerator:

A **refrigerator**, commonly **fridge**, is a commercial and [home appliance](https://en.wikipedia.org/wiki/Home_appliance) consisting of a [thermally insulated](https://en.wikipedia.org/wiki/Thermal_insulation) compartment and a [heat pump](https://en.wikipedia.org/wiki/Heat_pump) (mechanical, electronic or chemical) that transfers heat from its inside to its external environment so that its inside is cooled to a temperature below the room temperature.[[1]](https://en.wikipedia.org/wiki/Refrigerator#cite_note-1) [Refrigeration](https://en.wikipedia.org/wiki/Refrigeration) is an essential [food storage technique](https://en.wikipedia.org/wiki/Food_preservation) around the world.[[2]](https://en.wikipedia.org/wiki/Refrigerator#cite_note-2) The low temperature reduces the reproduction rate of [bacteria](https://en.wikipedia.org/wiki/Bacteria), so the refrigerator lowers the rate of [spoilage](https://en.wikipedia.org/wiki/Food_spoilage). A refrigerator maintains a temperature a few degrees above the [freezing point](https://en.wikipedia.org/wiki/Freezing_point) of water. The optimal temperature range for perishable food storage is 3 to 5 °C (37 to 41 °F).[[3]](https://en.wikipedia.org/wiki/Refrigerator#cite_note-bbc.co.uk-3) A **freezer** is a specialized refrigerator, or portion of a refrigerator, that maintains its contents’ temperature below the [freezing point](https://en.wikipedia.org/wiki/Freezing_point) of water.[[4]](https://en.wikipedia.org/wiki/Refrigerator#cite_note-4) The refrigerator replaced the [icebox](https://en.wikipedia.org/wiki/Icebox), which had been a common household appliance for almost a century and a half.

### Artificial refrigeration:

[](https://en.wikipedia.org/wiki/File:Gorrie_Ice_Machine.png)

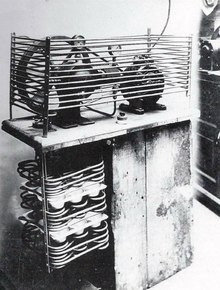
Schematic of Dr. John Gorrie's 1841 mechanical ice machine

[](https://en.wikipedia.org/wiki/File:AppareilCarr%C3%A9.jpg)

[Ferdinand Carré](https://en.wikipedia.org/wiki/Ferdinand_Carr%C3%A9)'s ice-making device

The history of artificial refrigeration began when Scottish professor [William Cullen](https://en.wikipedia.org/wiki/William_Cullen) designed a small refrigerating machine in 1755. Cullen used a pump to create a partial [vacuum](https://en.wikipedia.org/wiki/Vacuum) over a container of [diethyl ether](https://en.wikipedia.org/wiki/Diethyl_ether), which then [boiled](https://en.wikipedia.org/wiki/Boiling_point), absorbing [heat](https://en.wikipedia.org/wiki/Heat_of_vaporization) from the surrounding air.[[13]](https://en.wikipedia.org/wiki/Refrigerator#cite_note-13) The experiment even created a small amount of ice, but had no practical application at that time.

### Residential refrigerators:

[](https://en.wikipedia.org/wiki/File:DOMELRE_refrigerator_c._1914.png)DOMELRE refrigerator c. 1914

In 1913, the first electric refrigerators for home and domestic use were invented and produced by Fred W. Wolf of Fort Wayne, Indiana, with models consisting of a unit that was mounted on top of an ice box.[[20]](https://en.wikipedia.org/wiki/Refrigerator#cite_note-20)[[21]](https://en.wikipedia.org/wiki/Refrigerator#cite_note-Heldman2003-21) His first device, produced over the next few years in several hundred units, was called [DOMELRE](https://en.wikipedia.org/wiki/DOMELRE).[[22]](https://en.wikipedia.org/wiki/Refrigerator#cite_note-22)[[23]](https://en.wikipedia.org/wiki/Refrigerator#cite_note-23) In 1914, engineer [Nathaniel B. Wales](https://en.wikipedia.org/wiki/Nathaniel_B._Wales) of Detroit, Michigan, introduced an idea for a practical electric refrigeration unit, which later became the basis for the [Kelvinator](https://en.wikipedia.org/wiki/Kelvinator). A self-contained refrigerator, with a compressor on the bottom of the cabinet was invented by [Alfred Mellowes](https://en.wikipedia.org/wiki/Alfred_Mellowes) in 1916. Mellowes produced this refrigerator commercially but was bought out by [William C. Durant](https://en.wikipedia.org/wiki/William_C._Durant) in 1918, who started the [Frigidaire](https://en.wikipedia.org/wiki/Frigidaire) company to [mass-produce](https://en.wikipedia.org/wiki/Mass_production) refrigerators. In 1918, Kelvinator company introduced the first refrigerator.

## Business plan:

Flowchart

Generate sales order

Raise production order

Send confirmation to customer

No

Product in stock?

Yes

## Sales and cost statistics:

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Products name** | **cost** | **sales** |
| 01 | **Air cooler** | **5000** | **6000** |
| 02 | **Rafrigerator** | **35000** | **40000** |
| 03 | **Table fan** | **4000** | **5000** |
| 04 | **Rice cooker** | **3000** | **3500** |

## Pie chart:

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Products name** | **cost** | **sales** |
| 01 | **Air cooler** | **5000** | **6000** |
| 02 | **Rafrigerator** | **35000** | **40000** |
| 03 | **Table fan** | **4000** | **5000** |
| 04 | **Rice cooker** | **3000** | **3500** |