

Airconditioning Residential

Overall view



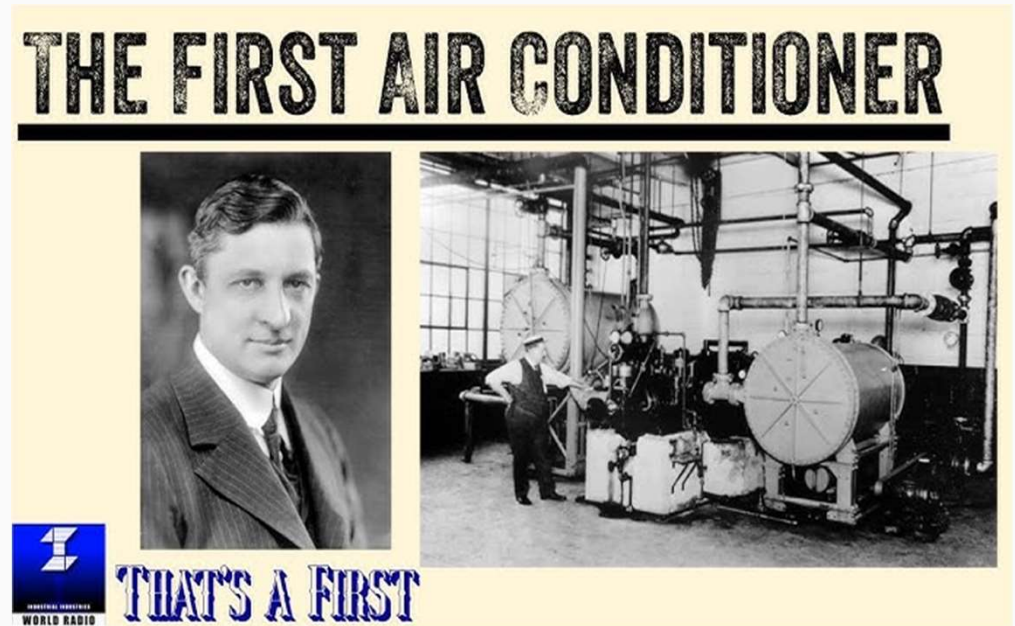
Origins, Components, Installation, and Maintenance

Intro

Background and overview..

First point

In 1901, American inventor Willis H. Carrier built what is considered the first modern electrical air conditioning unit.

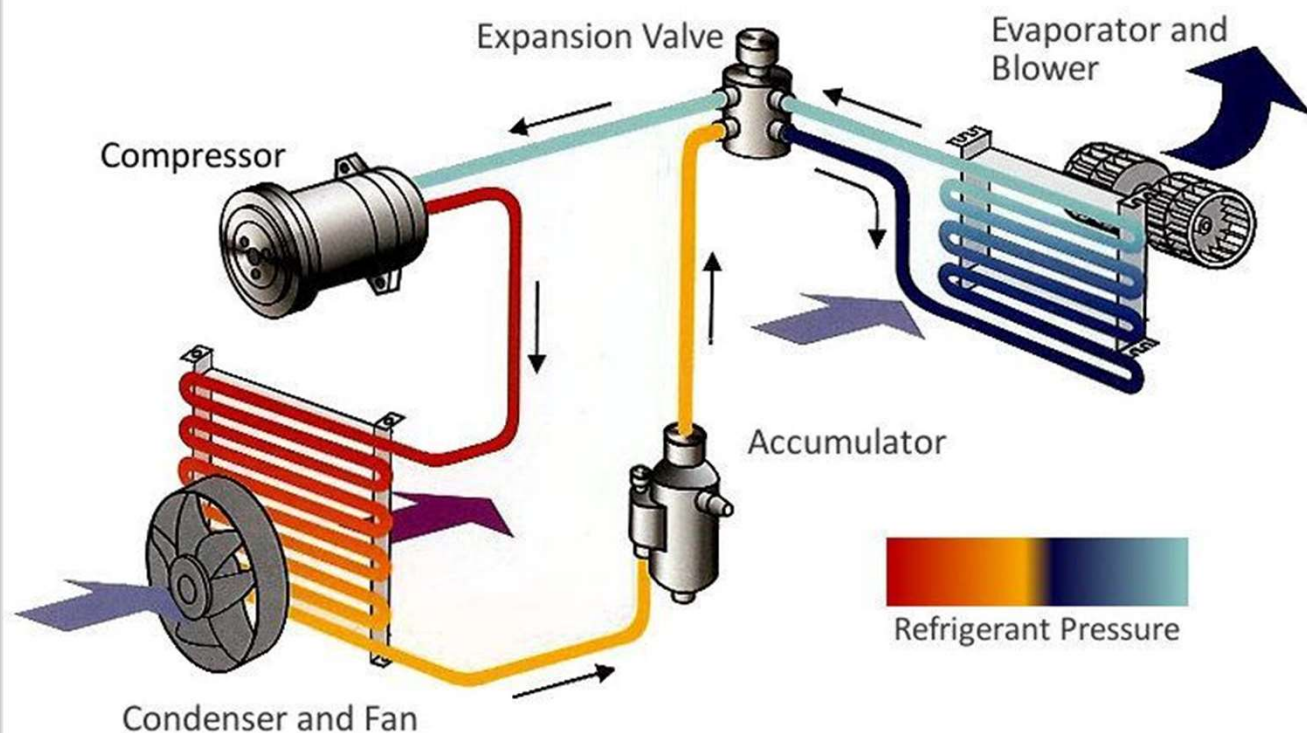


A/C COMPONENTS

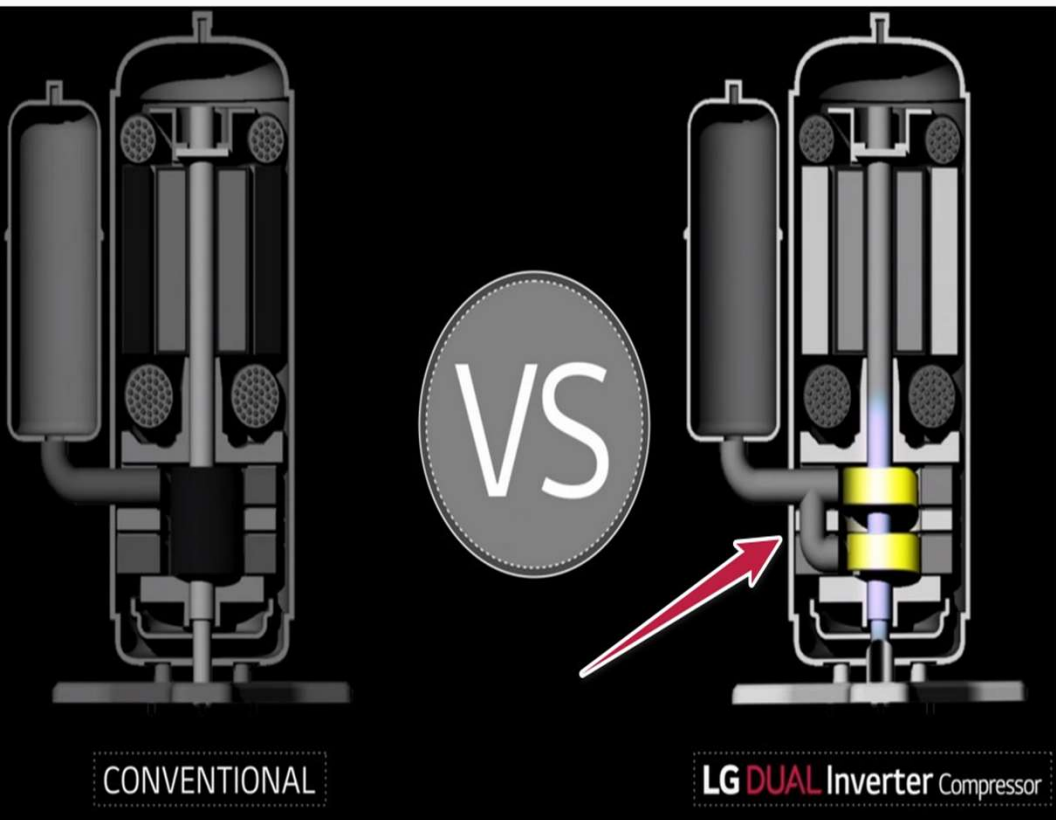
Overview of the main components.

- ****Images:****

- Compressor
- Condenser coil
- Evaporator coil
- Expansion valve
- Refrigerant
- Fan and ducts



Single speed vs inverter or twin inverter Compressors and evaporator coil

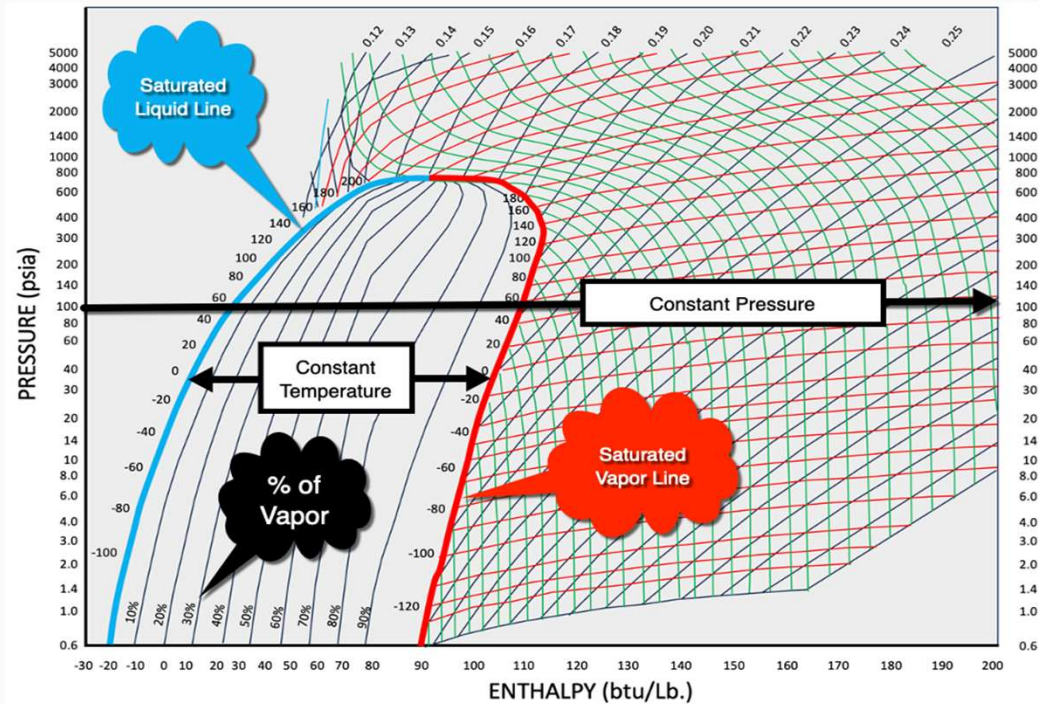


Pressure/Temperature chart

Refrigerant Pressure - Temperature Chart

Pressure values are displayed for R-22, R-410a, R-407c, R-134a and R-404a refrigerants.

Fahrenheit	Celsius	R-22	R-410a	R-407c	R-134a	R-404a
155	68.3	405.4	645.2	456.6	281.0	484.8
150	65.6	381.7	607.6	430.3	262.8	456.8
145	62.8	359.1	571.7	405.1	245.6	429.6
140	60.0	337.4	537.6	380.9	229.2	403.7
135	57.2	316.7	505.0	357.8	213.5	379.1
130	54.4	297.0	474.0	335.7	198.7	355.6
125	51.7	278.1	444.5	314.5	184.5	333.4
120	48.9	260.0	416.4	294.2	171.1	312.1
115	46.1	242.8	289.6	274.9	158.4	291.9
110	43.3	226.4	364.1	256.5	146.3	272.5
105	40.6	210.8	339.9	239.0	134.9	254.2
100	37.8	196.0	316.9	222.3	124.1	236.8



Installation











Description

Haier energy-saving inverter air conditioner, 5 models

"Haier Inverter HSU-12VQAA03T UV Cool Standard" New2024

Every air conditioner set includes Cooling coil + hot coil + air conditioner refrigerant

pipe 4 meters + remote control + product warranty card

UVC Sterilization

Can stop germs Bacteria and viruses in the air with UVC rays

up to 99.99%

Eco Mode

Power saving mode Helps save energy up to 20-60%.

Self Cleaning

Automatic air conditioner cleaning function by adjusting the temperature to lower until ice forms inside to remove stains and dirt. Convenient to use.

Anti-Corrosion

Anti-corrosion coating Helps prevent damage and increases

durable

Blue Fin

Anti-corrosion coating Both cold coil panels and hot coil panels

Hyper PCB

Helps control voltage fluctuations that may cause the machine to adjust. The air is not working properly. Therefore, you can be confident that Haier air conditioners will be able to cool. with constant temperature even in bad weather conditions

* Want to issue a tax invoice You can inform via chat *

Warranty

- 5 year warranty on the machine - 10 year warranty on the compressor by HAIER THAILAND by Haier Electrical Appliances (Thailand) Co., Ltd.

Contact number 02-821-3999 ext. (1789) Address 90 CW Tower Building A, 42nd Floor, Ratchadaphisek Road,

Huai Khwang, Huai Khwang District, Bangkok 10010



Thank you for your attention
Questions?

