



FURUKAWA SANGYO KAISHA (THAILAND) LTD.

**Save Energy
Save Money
Save the Environment**



About α-HT : Product Features

Characteristics of α-HT

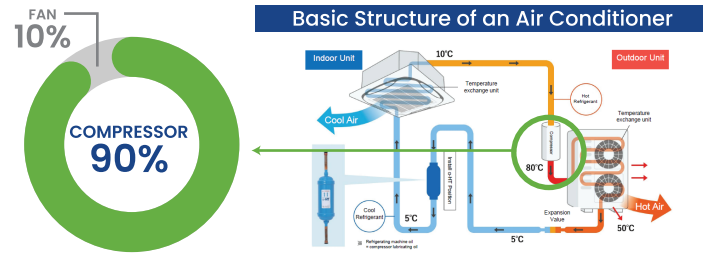
A new energy-saving solution that requires minimal installation effort and can be easily implemented



- Power consumption reduction of 15% or more**
It has been recognized as a financially rewarding investment strategy.
- A product with outstanding safety features**
There have been no documented occurrences of air conditioner malfunctions attributed to α-HT in history.
- No operational expenses or upkeep necessary**
After installation, there is no need for consumables or component replacements.

About α-HT : Basic Structure of an Air Conditioner

The key to reducing the power consumption of air conditioners is how to reduce the "load on the compressor"



"Refrigerant (freon gas)" and "refrigeration oil" circulate through the pipes. The refrigerant expands and contracts as it circulates → It regulates the temperature of the indoor space.

About α-HT : Applicable Air Conditioners / Refrigeration Units.

Support

Air conditioners and freezers with external refrigerant piping and indoor and outdoor units connected

Not Support

Air conditioners and freezers with built-in refrigerant piping

Installation Method and Examples :

Simulation → Initial introduction → Final Confirm

- 1 Drain the refrigerant gas currently in use
- 2 Attach α-HT to the cut pipes.
- 3 Welding pipe and check gas leaks.
- 4 After the pipes are installed, heat insulation is performed.

After Installation

Installation Conditions

- 1 Attach to the liquid pipe
- 2 Perpendicular to the earth's axis
- 3 The refrigerant flows from top to bottom
- 4 Fix it so it doesn't vibrate

**No Maintenance, No Addition cost
Many Industry trust in α-HT**

Manufacturing

30.2% SAVE

Automotive Parts Manufacturing

22.1% SAVE

Food Manufacturing

28.5% SAVE

Hospital

24.4% SAVE

Cold Storage Warehouse

30.7% SAVE

Entertainment Building

27.1% SAVE

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