

Worldwide Air Conditioner Partner

TCL SaveIN AI Series

A New Generation of Energy-saving AC

T-AI Energy-saving | Smart Control | Fast Cooling & Heating



AI ECO

AI ENERGY SAVING

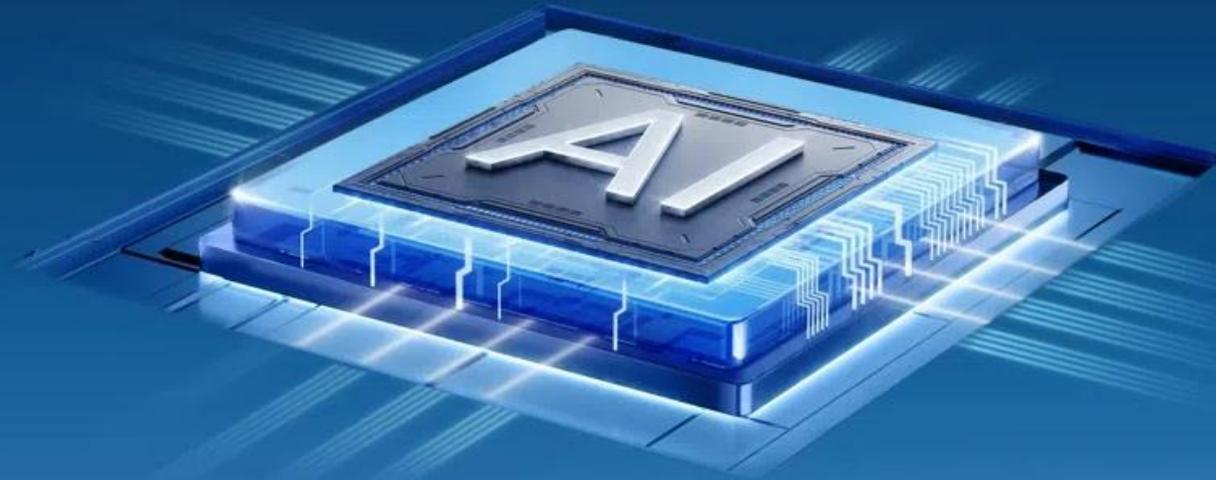
T-AI Energy-saving

Using AI algorithm and temperature prediction models, T-AI dynamically adjusts the compressor frequency to regulate room temperature—saving energy while keeping comfort.

75% **Extra** **35%**

compared to
non-inverter models

compared to
non-T-AI inverter models



*The data was tested by SGS, with the air conditioner operating in T-AI energy-saving mode for a cumulative period of 3 hours in cooling state.

*Actual performance may vary depending on the environment.

*Compared with models without T-AI Energy-saving, TCL SaveIN AI Series can achieve an energy-saving rate of 35%.

Auto Learning

Learns room conditions
in real time

Auto Analysis

Predicts temp.
trends & cooling needs

Dynamic Adjustment

Adjusts operation frequency
for peak efficiency

Visualize Your Energy Consumption

In AI ECO mode, the TCL Home App displays real-time electricity usage data. Users can track their weekly, monthly, and annual energy consumption while also seeing estimated savings achieved through T-AI technology.

*This feature may be optional and may vary by model and region.



AI SMART COMFORT

Visualize Your Energy Consumption

In AI ECO mode, the TCL Home App displays real-time electricity usage data. Users can track their weekly, monthly, and annual energy consumption while also seeing estimated savings achieved through T-AI technology.

*This feature may be optional and may vary by model and region.



AI SMART COMFORT

Smart Wi-Fi Control

Easily control your air conditioner anytime, anywhere with just a mobile phone and an internet connection. Compatible with the TCL Home App, Amazon Alexa, and Google Home-enabled voice controls.







6-speed Gen Mode

Choose the current level of the unit freely. Optimal solution for unstable power supply areas.

*This feature may vary by model and region.



SMART COMFORT

Coanda Airflow Effect

With Coanda airflow effect and 40% larger wide-angle air deflector, it can provide more lifted and longer air supply, creating a wind-free comfort zone for users.

*Compatible only with 770z to 1010z models.

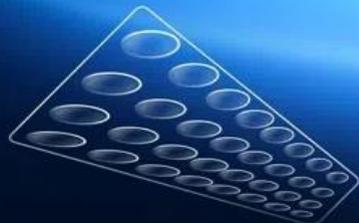
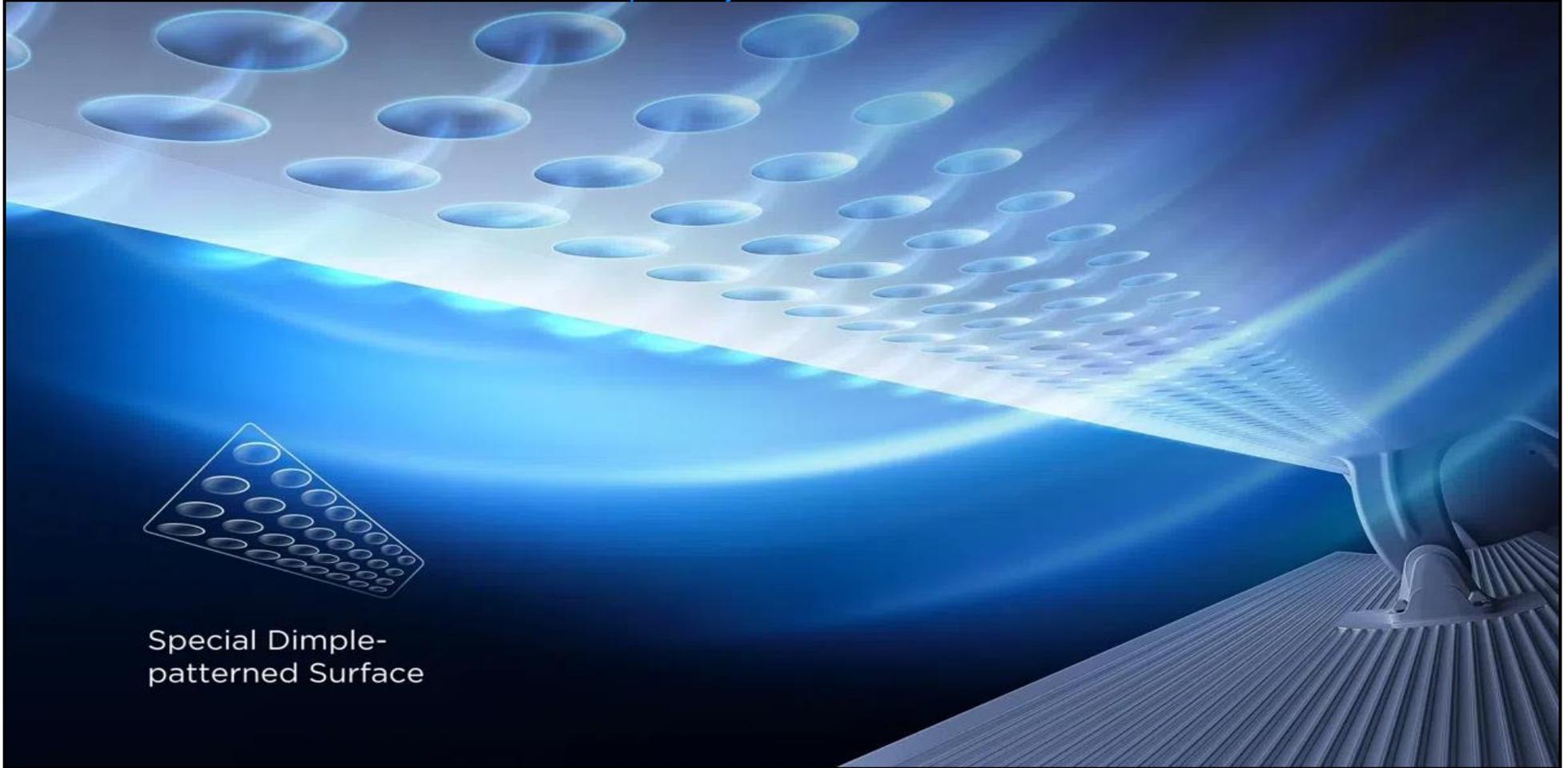
Reach Up to 10 Meters



Dimple Airflow Design

Inspired by golf ball aerodynamics, the dimple airflow design guides airflow to reach higher and farther along the ceiling.

*Compatible only with 770z to 1010z models.



Special Dimple-patterned Surface

Smart Airflow

Smart airflow optimizes both cooling and heating, delivering strong and even air circulation to every corner of the room.



Stronger Airflow

1570m³/h large-circulation air volume, instantly cooling the entire room.



Max 1570 m³/h

30s Fast Cooling & 60s Fast Heating

The high-performance inverter compressor cools or warms the room rapidly and stably while remaining energy-efficient.



30s



60s

Stable Operation at -20 °C Low Ambient Temperature

Compressor preheating ensures stable startup and operation.



MORE FEATURES 56 °C Self-cleaning

The evaporator features a self-cleaning process that includes dewing, frosting, defrosting, drying and 56°C sterilizing to eliminate bacteria. Additionally, the outdoor unit's reverse clean function automatically removes dust, ensuring cleaner airflow and healthier breathing.

Outdoor Unit Self-cleaning

Our innovative Reverse Clean Technology effectively removes dust and debris from the outdoor unit.





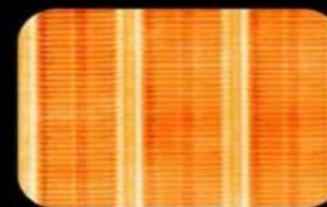
Dewing



Frosting



Defrosting

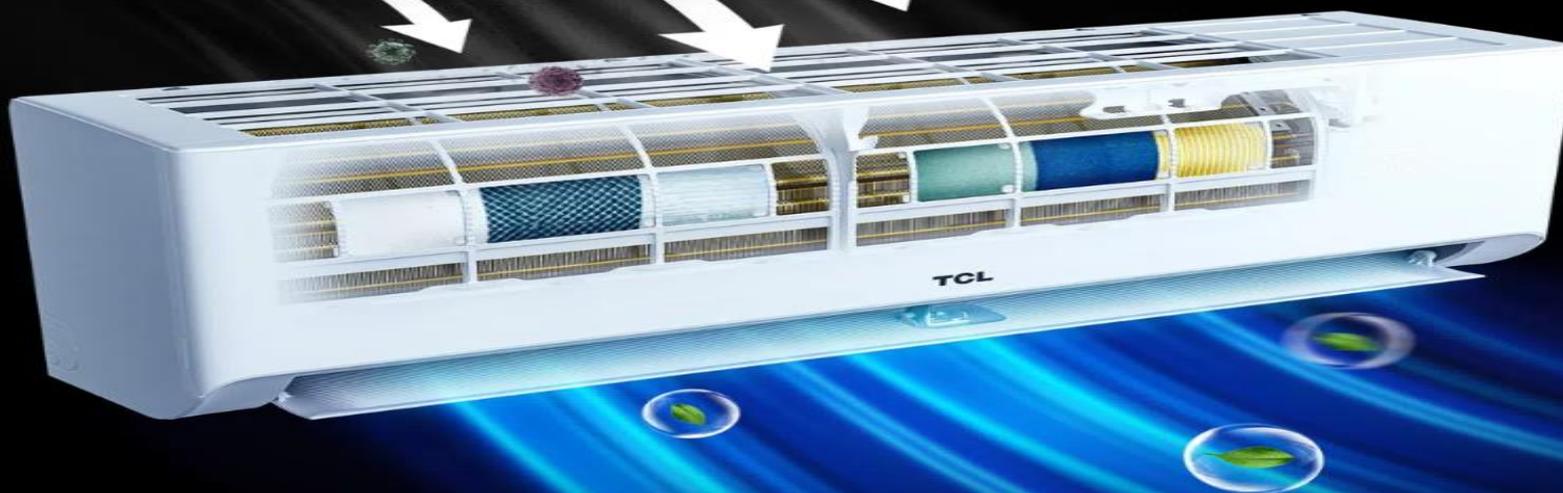


**Drying And 56°C
Sterilizing**

Healthy Filters

The healthy filters include silver ion filter, catechin filter, photocatalyst filter, anti-dust static filter and vitamin C filter, ensuring cleaner, healthier air for your comfort.

*This feature may be optional and may vary by model and region.





Silver Ion Filter



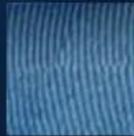
Anti-dust Static Filter



Active Carbon Filter



Catechin Filter



Photocatalyst Filter



Vitamin C Filter

3 Easy Designs



Easy Installation



Easy Maintenance

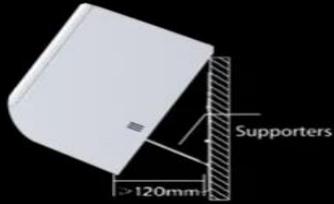


Easy OTA Update

Easy Installation



120mm



Convenient Installation

- Gap $\geq 120\text{mm}$
- Supporters Available



Integral Design

Turns on as you approach and shut off when you leave—saving energy and ensuring comfort.



Whole House Control

Turn on/off all ACs and EcO mode in TCL Home effortlessly.

Easy Maintenance





Open front panel

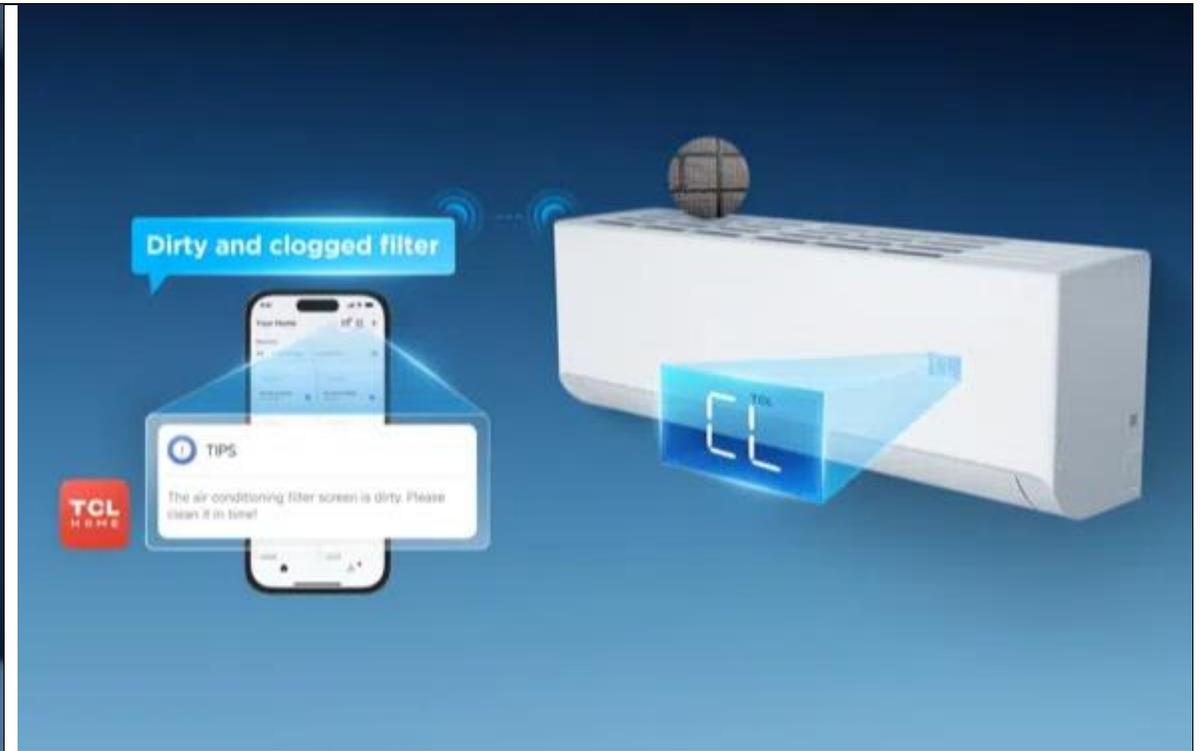
Take off PCB box cover

Take out PCB for replacement

Easy OTA Update

Cloud-delivered OTA update notifications + cloud big data = continuous iterative upgrades to your air conditioner.





Filter Cleaning Reminder

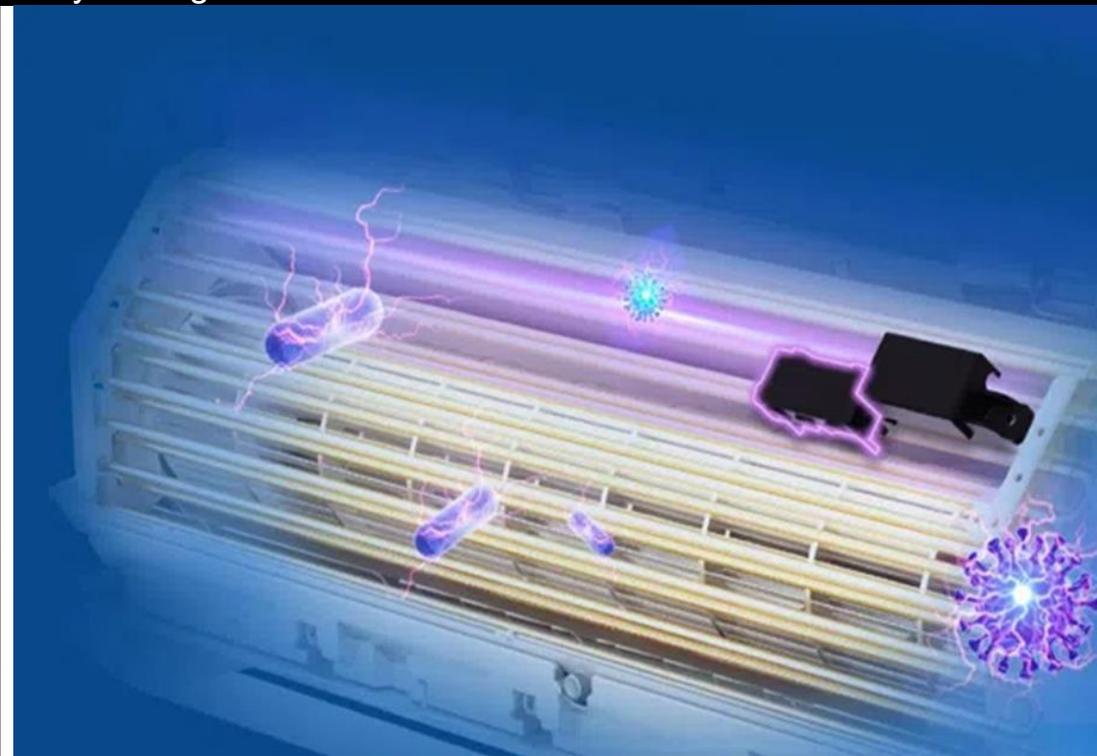
Built to remind you when it's time to clean the filter automatically. The reminder displays on the indoor unit or in the TCL Home App.

Bipolar Ionic Generator & UVC Sterilization

*This feature may be optional and may vary by model and region.

Built-in Bipolar Ionic Generator

Releases high-energy electrons to ionize the air, generating a large volume of plasma. The activated atoms and strong oxidation substances effectively damage and kill bacteria and viruses.



UVC Sterilization

UVC Radiation: 240nm-280nm Kills bacteria by damaging their protein & DNA.

*This feature may be optional and may vary by model and region.



***Inverter Saves 75%
T-AI Goes 37%+ Further!***

75%  **Extra 37%+**

compared to
non-inverter models

compared to
non-T-AI inverter models

SPECIFICATIONS

Declared Cooling Capacity (W)	5140(1250~5910)
Declared Heating Capacity (W)	5210(1250~6070)
Pdesignc (W)	5100
SEER Declared (W/W)	6.8
Energy Class	A++
EER Declared (W/W)	3.28
COP Declared (W/W)	3.78
Pdesignh Average (W)	4000
SCOP Average Declared (W/W)	4
Energy Class (Average)	A+
Indoor Sound Power (S/H/M/L/Mute) (dB(A))	56/53/47/41/37
Outdoor Sound Power (dB(A))	65
Power Supply	220-240V~/50Hz/1P
Power Supply Side	Outdoor
Voltage Range (V)	165~265
Cooling Operating Current (A)	6.9(1.5~12.0)
Heating Operating Current (A)	6.2(1.6~13.0)
Cooling Power Consumption (W)	1567(330~2350)
Heating Power Consumption (W)	1376(340~2550)
Refrigerant Type/Charge/Gwp/CO2 Equivalent	R32/0.78/675/0.527
Indoor Air Circulation Cooling/Heating (m ³ /h)	800/800
Gas Connecting Pipe (inches)	3/8"
Liquid Connecting Pipe (inches)	1/4"
Application Area (m ²)	20~35
Indoor Ambient Temperature Range (°C)	Cooling:17-32/Heating:0-30
Outdoor Ambient Temperature Range (°C)	Cooling:-15-53/Heating:-20-30
Indoor Net Dimensions (W X H X D) (mm)	910×305×195
Outdoor Net Dimensions (W X H X D) (mm)	853×602×349
Indoor Net Weight (Kg)	9
Outdoor Net Weight (Kg)	30
Indoor Packing Dimensions (W X H X D) (mm)	979×380×265
Outdoor Packing Dimensions (W X H X D) (mm) -No Pipe	890×628×385
Indoor Gross Weight (Kg)	11
Outdoor Gross Weight (Kg)	32.5