TCL | ⬭⬭⬭⬭⬭

Worldwide Air Conditioner Partner

RETHINK POSSIBILITIES

2025 TCL Air-conditioner Introduction

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CONTENTS

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TCL UPDATES

One of the Largest Electronic Enterprises In China
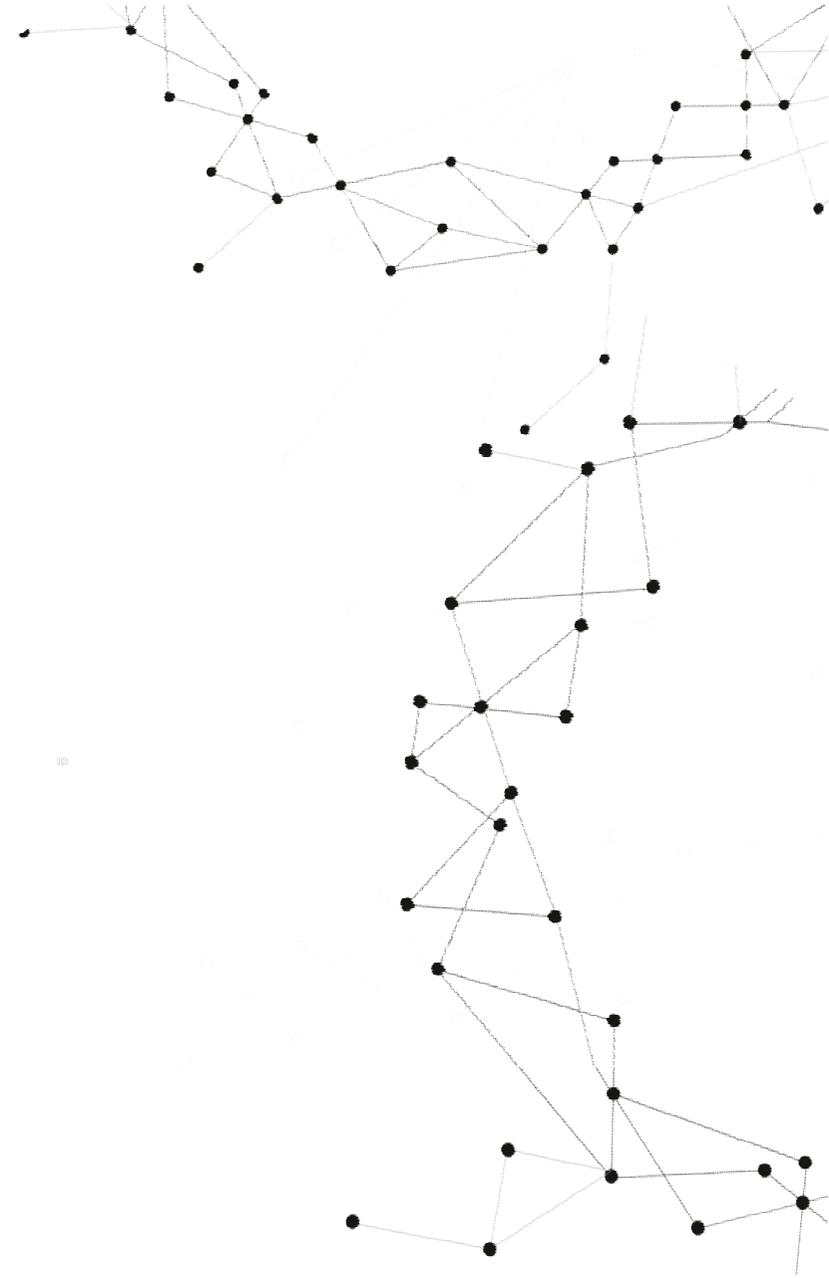
TCL Revolutionary Restructure

Worldwide Air Conditioner Partner

TCL Technology

Semiconductor Display
- TCL China Star Optoelectronics Technology
- TCL MOKA
- Guangdong Juhua Printing Display
- Guangdong China Ray Optoelectronics

Photovoltaic & Semiconductor Materials
- TCL Zhonghuan Renewable Energy
- Zhonghuan Advanced Semiconductor

Finance Business & Investment
- TCL Financial Holdings Group
- TCL Capital

Others
- Highly (Hanlinhui)
- Tianjin Printronics Circuit

TCL Industries

SDBG (Smart Device Business Group)

Smart Displays Categories

Innovative Business Categories

Smart Home Appliances Categories

TCL Electronics (Includes TCL Communication & TCL Photovoltaic Solutions)
- Large-size Display
- Smart Connection Business (CPE Router, etc.)
- Small & Medium Size Display
- Smart Home
- Smart Commercial Display
- All-category Marketing
- Distributed Photovoltaics

Internet Business Categories

TCL Air-conditioner (Includes Water Dispenser)
- Overseas Marketing Center
- 6 Air-con Depart. Of BGs

TCL Smart Home (Includes: **HOMA**)

Others
- Tonly Electronics
- Environment Technology
- Industrial Park
- Getech
- TCL Financial Services

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2 CORPORATIONS
TCL Technology
TCL Industries

3 CORE BUSINESSES
* Semi-conductor Display
* Semi-conductor Photovoltaic
* SDBG (Smart Device Business Group)

LISTED COMPANIES
TCL Technology 000100.SZ
TCL Electronics Holding Limited 01070.HK
TCL Smart Home 002668.SZ
TCL Zhonghuan 002129.SZ
TCL Display Technology 00334.HK
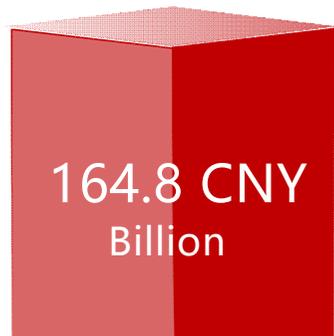Tianjin Printronics Circuit Corp. 002134.SZ

Revenue of TCL Groups 2024

43.61 Billion USD in Total *

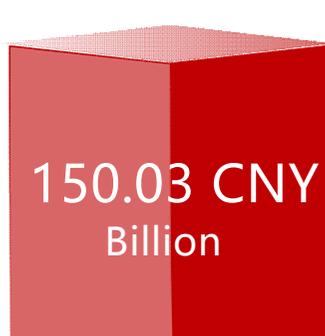(314.83 Billion CNY)

FUTURE FORTUNE GLOBAL 500

22.83 US$
Billion

20.78 US$
Billion

164.8 CNY
Billion

150.03 CNY
Billion

TCL Technology
(2024 Revenue)

TCL Industries
(2024 Revenue)

TCL
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OVERSEA SALES PERCENTAGE
60%

*Exchange rate applied: USD-CNY @ 7.22

TCL Global Ranking

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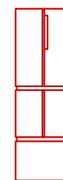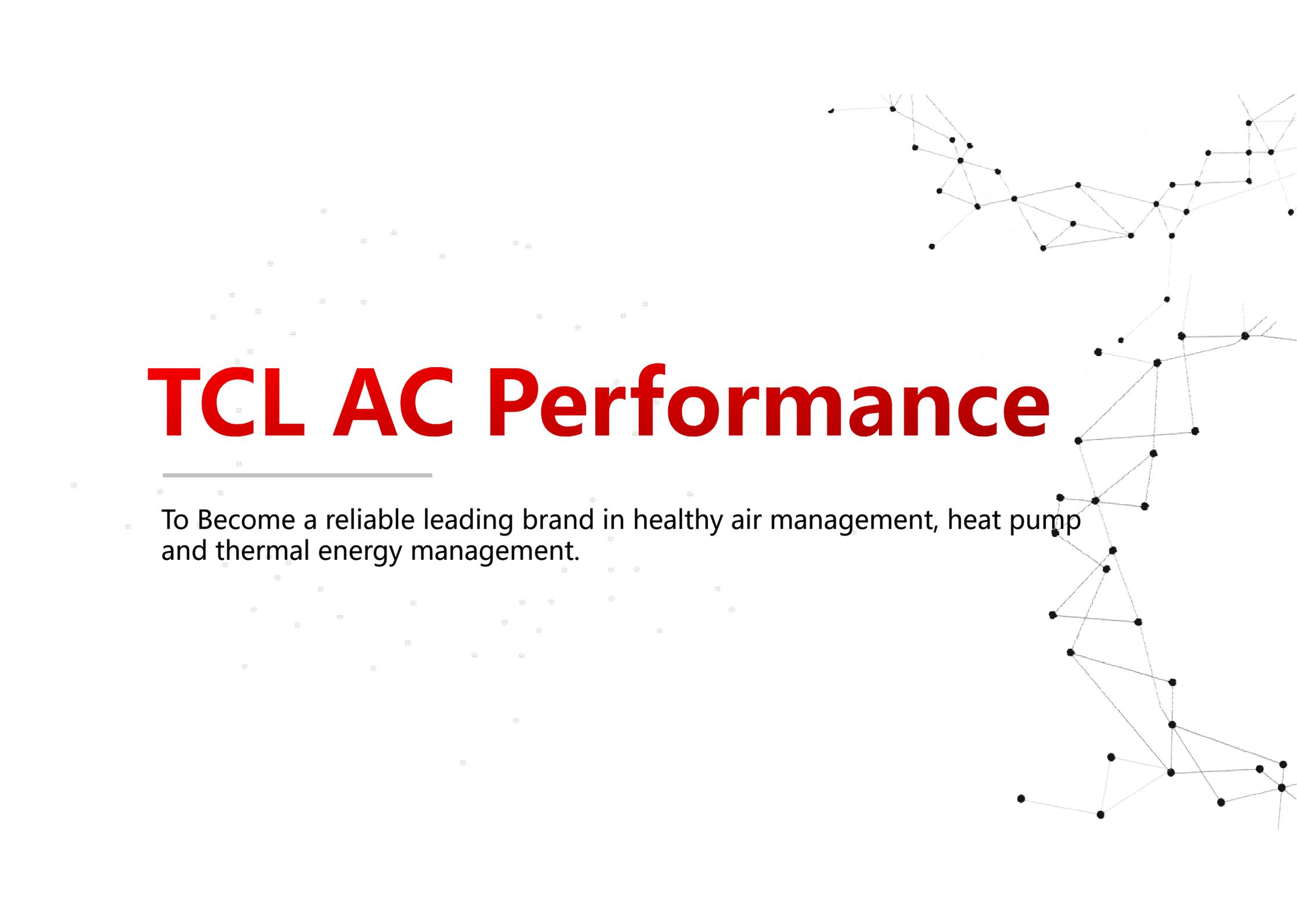| Smart TV Panels Global	Air Conditioners Global	Water dispenser China Export	Photovoltaic monocrystalline wafer Global	Homa Refrigerator China Export	Washing Machine China Export	Android Tablets Global
No.2	No.3	No.4	No.1	No.1	No.5	No.5

Data Source: IDC, China IOL, Omdia

TCL AC Performance

To Become a reliable leading brand in healthy air management, heat pump and thermal energy management.

CY2024 China AC Export Ranking

(Million sets)

Rank	FAC	2024 QTY	2023 QTY	QYT YOY%	QTY Change	CY2024 Share	CY2023 Share	Share YOY%
	Total	85.0	66.3	28.3%	18.7			
1	Midea	22.3	18.6	19.4%	3.6	26.2%	28.1%	-1.9%
2	TCL	13.8	10.1	36.9%	3.7	16.2%	15.2%	1.0%
3	Gree	12.1	10.7	13.8%	1.5	14.3%	16.1%	-1.8%
4	Aux	9.4	6.4	47.2%	3.0	11.1%	9.6%	1.4%
5	Hisense	8.6	6.2	40.0%	2.5	10.1%	9.3%	0.8%
6	Haier	5.0	3.9	27.3%	1.1	5.9%	5.9%	0.0%
7	Changhong	4.4	2.9	51.9%	1.5	5.2%	4.4%	0.8%
8	Panasonic	1.6	1.3	23.1%	0.3	1.9%	2.0%	-0.1%
9	Fujitsu	0.8	0.5	68.2%	0.3	1.0%	0.8%	0.2%
10	YOAU	0.6	0.3	77.3%	0.2	0.7%	0.5%	0.2%
11	NEW WIDETECH	0.5	0.7	-25.1%	-0.2	0.6%	1.1%	-0.4%
12	Others	5.8	4.6	25.0%	1.2	6.8%	7.0%	-0.2%

CY2024 US&Canada Market Information Share

(Million sets)

Rank	FAC	2024 QTY	2023 QTY	QYT YOY%	QTY Change	2024 QTY	2023 QTY	Share YOY%
	Total	7.11	7.7	-7.7%	-0.59			
1	Midea	2.99	3.64	-17.9%	-0.65	42.1%	47.3%	-5.2%
2	TCL	1.24	0.9	37.8%	0.34	17.4%	11.7%	5.8%
3	Gree	0.73	0.97	-24.7%	-0.24	10.3%	12.6%	-2.3%
4	NEW WIDETECH	0.25	0.37	-32.4%	-0.12	3.5%	4.8%	-1.3%
5	Haier	0.22	0.47	-53.2%	-0.25	3.1%	6.1%	-3.0%
6	AUX	0.2	0.23	-13.0%	-0.03	2.8%	3.0%	-0.2%
7	Yoau	0.19	0.16	18.8%	0.03	2.7%	2.1%	0.6%
8	Hisense	0.17	0.29	-41.4%	-0.12	2.4%	3.8%	-1.4%
9	CHIGO	0.11	0.13	-15.4%	-0.02	1.5%	1.7%	-0.1%
10	CHANGHONG	0.09	0.08	12.5%	0.01	1.3%	1.0%	0.2%
11	OTHER	0.92	0.46	100.0%	0.46	12.9%	6.0%	7.0%

CY2025 (Jan-July) US&Canada Market Information Share

(Million sets)

Rank	FAC	2025 QTY	2024 QTY	QYT YOY%	QTY Change	2025 QTY	2024 QTY	Share YOY%
	Total	4.37	5.6	-21.96%	-1.23			
1	Midea	2.06	2.52	-18.25%	-0.46	47.14%	45.00%	2.14%
2	TCL	0.72	0.52	38.46%	0.2	16.48%	9.29%	7.19%
3	NEW WIDETECH	0.16	0.22	-27.27%	-0.06	3.66%	3.93%	-0.27%
4	AUX	0.15	0.17	-11.76%	-0.02	3.43%	3.04%	0.40%
5	GREE	0.14	0.7	-80.00%	-0.56	3.20%	12.50%	-9.30%
6	YOAU	0.14	0.16	-12.50%	-0.02	3.20%	2.86%	0.35%
7	HISENSE	0.05	0.09	-44.44%	-0.04	1.14%	1.61%	-0.46%
8	HAIER	0.04	0.19	-78.95%	-0.15	0.92%	3.39%	-2.48%
9	POSI	0.04	0.05	-20.00%	-0.01	0.92%	0.89%	0.02%
10	OTHER	0.8	1	-20.00%	-0.2	18.31%	17.86%	0.45%

Why We Achieved These Results?

The Fastest Growing AC Enterprise In China

28.3% INDUSTRY 2024 export   36.9% TCL 2024 export

Hard Power

➢ Globalized AC Manufacturing Power

➢ Advanced 5G+ Industrial Internet Integration

➢ Core Components from Top 3 Suppliers

Soft Power

➢ Stable Team

➢ Customer First Mindset

➢ Reliable, Consistent, Competitive, Flexible

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Hard Power-Advanced 5G+ Industrial Internet Integration

100%↑ Efficiency For the past 4 years

Rolls off the Line Efficiency: 8 Seconds/Finished Products
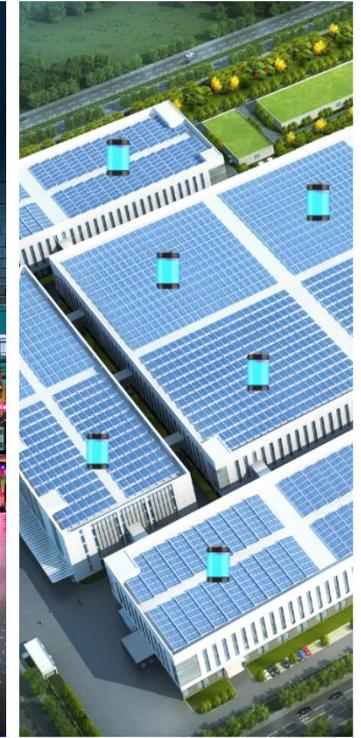
Digital Production
- Digitalized Wankezi Production Center
- Fresh-air AC Production Line Highest standard in the industry

Intelligent Production
- Lights-off Factory
- Digital Twin Technology

Green Production
- Sponge City - water recycle system
- Full photovoltaic coverage Zero carbon emissions

Core Components from Top 3 Suppliers

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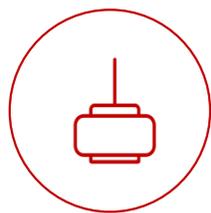
Compressor	Motor	4-way Valve	Fan	Copper Pipe	Aluminum Foil	Steel
RECHI GMCC HITACHI	Welling 大洋电机 BROAD-OCEAN	SANHUA DunAn	SUNWILL	JXCC Jinyi	Liantong Shunyuan	HBIS GROUP
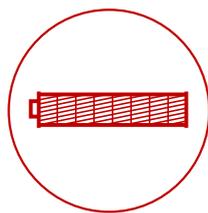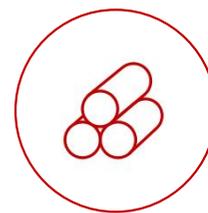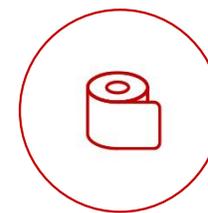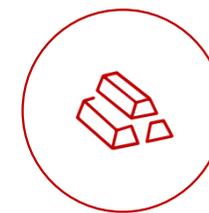
GUARANTEE

Reliable QUALITY

Fast DELIVERY

Preferential Application of Advanced Technologies

Soft Power

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Soft Power

Customer First Mindset

> Product Planning

> Sharing Market Information

> Assisting Marketing Activities

> PSI Management

> Stock Clearing

> Perfecting After-sales System

> Technical & Sales Training

Soft Power

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Soft Power

Reliable
- Respect Commitment, Do What We Say
- No Price Increment After Contract
- Protect Customer Benefit, No Seeking Your Dealers

Consistent
- Long Term Vision, Grow Together
- Appreciate Friendship, Build Trust First
- Respect Market Rules, Keep Market In Order

Competitive
- Reasonable Competitive Price
- Market Oriented Mindset, Listen To The Market
- Cost Performance Efficiency

Flexible
- Fast Response, Solution First
- Customization, Satisfaction First
- Price Policy

TCL Products Proposals

RAC +LCAC Product Updates

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Top Discharge Window AC

MC **MY**

Classic Elite Series

T-Smart

Luxurious T-Smart Series

Healthy C-Fresh Series

Whispered Cool Window AC

Healthy+ L-Fresh Plus Series

T-Plus Only for ODM Professionals & High-end

X-PRO New Arrival

All-match Upgrade incl HR Multi + Tank Universal IDUs & ODUs BMS, Dry Contact, Hotel Mode Heat Recovery, DHW Supply

2017

2019

2021

2023

2024

2025

2018

2020

2022

2024H2

Side Discharge Window AC

FD

Premium Era Series

C Series Outdoor Unit

Professional T-PRO Series

Upgraded Free Match

Healthy+ T-Fresh Series

Swimming Pool Heat Pump

Integrated Water Heater

Tri-thermal HP

AHU

AHU + Top Discharge ODU 24V & RS485 Leakage Detection R454B

Your One-Stop AC Solution
TCL's Complete, Innovative, and Competitive Product Ecosystem

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➢ Window AC
➢ Thru-the-Wall AC
➢ Portable AC
➢ Dehumidifier

INTEGRATED TYPE

SPLIT TYPE

➢ Mini Split
  (Elite, T pro, Xpro Series, T-plus)
➢ Free Match

Product Categories

➢ Cassette
➢ Ducted
➢ Ceiling Floor

LIGHT COMMERCIAL TYPE

AHU TYPE

➢ TCL VORTEX SERIES(Top/side discharge AHU)
  24K~60K

TCL 2025 Integrated Type Product Road-Map

Product Line	Items	5K	6K	7K	8K	10K	12K	14K	15K	18K	24K
Window Air Conditioner	DOE - Fix Chassis	√	√		√+H	√	√+H	√			
	DOE - Slide Out									√+H	√+H
	New E-star 5.0 & Whisper - Fix Chassis				√	√	√		√	√	√
TTW	DOE				√+H	√+H	√+H	√+H			
Portable AC	CEC Standard - On/Off	√	√	√	√+H	√+H					
	CEC Standard- Inverter					√+H	√ +H				
	ASHARE Standard				√	√	√	√			

Product Line	Items	20 PINT	25 PINT	30 PINT	35 PINT	40 PINT	40-Pump	50 PINT	50-Pump
Dehumidifier	DF2L Panel		√	√				√	√

+H: Heating model is available

2026 Product Proposal for new DOE regulation

Category	Current Type	Current Dimension(W*H)	New Dimension(W*H)	New Type	Capacity	CO/w/H	Current DOE Standard	New DOE Standard	Increase Ratio
WAC	Fix-speed	15.98x12.0	15.98x12.0	Fix-speed	5K	CO	CEER≥11	CEER≥13.1	19.10%
					6K			CEER≥13.7	24.50%
		15.98x12.0 / 18.58x13.31	18.58x13.31	Inverter	8K	CO	CEER≥10.9	CEER≥16	46.80%
					10K				
		19.76x15.16	19.76x15.16		12K	CO			
					14K		CEER≥10.7		49.50%
	Slide-out Fix-speed	18.54x13.5	18.54x13.5	Inverter	6K	CO	CEER≥11	CEER≥13.7	24.50%
					8K				
		19.76x15.16	20.67x13.39	1.Combine product line. 2.Change to new Whisper Inverter platform which can do both slide-out and Fix chasis, Cooling only and HP and Electric heating.	8K	CO/w/H	CEER≥10.9	CEER≥16	46.80%
					10K	CO			
					12K	CO/w/H			
		23.6x17.9			15K change to 14K	CO	CEER≥10.7	CEER≥16	49.50%
			25.4x16.93		18K	CO/w/H			
		26.4x18.7			24K	CO/w/H	CEER≥9.4	CEER≥13.8	46.80%
	Whisper Inverter	20.67x13.39	20.67x13.39		8K	CO	CEER≥15	CEER≥16	6.70%
					10K				
					12K				
		25.4x16.93	25.4x16.93		15K	CO	CEER≥14.7	CEER≥16	8.80%
					18K				
					24K		CEER≥12.7	CEER≥13.8	8.70%
TTW	Through the wall	24.21x14.53	24.21x14.53	Inverter	8K	CO/w/H	CEER≥9.6	CEER≥14.1	46.90%
					10K				
					12K		CEER≥9.5	CEER≥13.9	46.30%
					14K	CO/w/H	208V:CEER≥9.5 230V:CEER≥9.3	CEER≥13.9 CEER≥13.7	46.30%
					8K	CO	CEER≥10.6	CEER≥14.1	33.00%
					10K	CO(115V/230V)			
					12K		CEER≥10.5	CEER≥13.9	32.40%

Old DOE WAC Advance order Schedule

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	2025-Sep	2025-Oct	2025Nov/Dec	2026 Jan-Feb	2026-Mar	2026-May 26th
Confirm model **Send sample and check**	TCL Send model to check and confirm					
Confirm advance order plan **Release PI/PO**		Confirm selection, price, printed parts, etc., and issue PO/PI.				
Order lock down in production system			Place the order in the TCL internal system and confirm production readiness.			
Start to ship the order separately to avoid peak season pressure			Once the cargo are ready, we will ship immediately to avoid potential delays due to the peak season or customs clearance issues			
Finish all the shipment before Mar					Confirm all cargo is loaded by March 2026	
Ensure all orders finish customer clearance before May 26th						★
Ongoing Sales			**Ensure uninterrupted sales by completing customs clearance before May 26th.**			

Product line - Window AC

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Image	Capacity	Type	Power Supply	Energy Efficiency	Certification	40' HC Container QTY		Fuction
						(ISTA 1A)	(ISTA 6A)	
	5,000 BTU	Mechanical	115V/ 60Hz	CEER 11	UL, DOE	1105	1065	✓ Easy accessed washable filter with filter check
	5,000 BTU	Remote Control	115V/ 60Hz	CEER 11	UL, DOE	1105	1065	✓ 3 fan speeds & 4-Way air direction
	6,000 BTU	Remote Control	115V/ 60Hz	CEER 11	UL, DOE	1105	1065	✓ 4-in-1 design with Cool, Dry, Auto, Fan Modes
	8,000 BTU	Remote Control	115V/ 60Hz	CEER 10.9	UL, DOE	754	754	✓ Auto-restart & 24-hour timer ✓ Sleep and ECO modes
	10,000 BTU	Remote Control	115V/ 60Hz	CEER 10.9	UL, DOE	670	670	✓ Filter check reminder ✓ Window kit included
	12,000 BTU	Remote Control	115V/ 60Hz	CEER 10.9	UL, DOE	468	455	✓ 4 color litho or kraft brown box
	14,000 BTU	Remote Control	115V/ 60Hz	CEER 10.7	UL, DOE	468	455	✓ Made in China/Indonesia (8,000 - 14,000 BTU)
	18,000 BTU	Remote Control	220V/60Hz	CEER 11.3	UL, DOE	268	245	✓ R32 environmental-friendly refrigerant
	24,000 BTU	Remote Control	220V/60Hz	CEER 9.8	UL, DOE	233	176	✓ ISTA 1A or 6A packaging (Optional) ✓ WIFI (Optional)

Product line - Whisper Window AC

Image	Capacity	Type	Power Supply	Energy Efficiency	Certification	40' HC Container QTY		Fuction
						(ISTA 1A)	(ISTA 6A)	
	8000 BTU	Remote Control	115V/ 60Hz	CEER 15	ETL, DOE, E-STAR 5.0	570	490	✓ Super Quiet-Indoor the lowest noise 42dB ✓ Flexible Window Opening - T design ✓ Super Easy Installtion - T design ✓ Center Display ✓ Turbo Fast Cooling ✓ Up-down Auto Swing ✓ Long-distance Airflow ✓ Display ON/OFF ✓ 24Hour Timer ✓ Intelligent Sleep mode ✓ Intelligent ECO ✓ Auto-restart ✓ Self-troubleshooting ✓ Filter Check reminder ✓ LCDI plug ✓ ℃ and ℉ degree switch ✓ Fire-proved Electrical Box ✓ Wifi control (Optional) ✓ ISTA 1A or 6A packaging (Optional)
	10000 BTU	Remote Control	115V/ 60Hz	CEER 15		570	490	
	12000 BTU	Remote Control	115V/ 60Hz	CEER 15		570	490	
	15000 BTU	Remote Control	115v/60Hz	14.4 SEER	CSA, DOE, E-STAR	235	180	
	18000 BTU	Remote Control	230v/60Hz	14.4 SEER		235	180	
	22000 BTU	Remote Control	230v/60Hz	12.7 SEER		235	180	

Product line - Thru The Wall

- Electronic controls with LED display
- Remote controller with batteries
- Easy accessed washable filter with filter check
- 3 fan speeds & 4-Way air direction
- 4-in-1 design with Cool, Dry, Auto, Fan Modes
- Auto-restart & 24-hour timer
- Sleep and ECO modes
- Filter check reminder
- Window kit included
- 115V/ 60Hz,
- UL, DOE, E-star, Nrcan Certified
- 4 color litho or kraft brown box
- R32 environmental-friendly refrigerant
- R32 refrigerant for electric heater
- ISTA 1A or 6A packaging (Optional)
- WIFI (Optional)

Function	Standard	Voltage	Model			
			8K	10K	12K	14K
Remote Control	DOE, UL	115V/60Hz	●	●	●	
		208-230V/60Hz		●	●	
		208-230V/60Hz				●

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Cooling and Heating Model

- Electronic controls with LED display
- Remote controller with batteries
- Easy accessed washable filter with filter check
- 3 fan speeds & 4-Way air direction
- 4-in-1 design with Cool, Dry, Auto, Fan Modes
- Auto-restart & 24-hour timer
- Sleep and ECO modes
- Filter check reminder
- Window kit included
- UL, DOE, Nrcan Certified
- 4 color litho or kraft brown box
- ISTA 1A or 6A packaging (Optional)
- WIFI (Optional)

Item	Capacity	Voltage	40HQ Qty (ISTA 1A)	Refrigerant	Certificate	Remark
Window AC	8,000 BTU	115v/60Hz	445			
Window AC	12,000 BTU	115v/60Hz	445			
Window AC	18,000 BTU	208-230v/60Hz	268			
Window AC	24,000 BTU	208-230v/60Hz	233	R32	CSA/DOE/NR CAN	**Electric heater**
TTW	8,000 BTU	115v/60Hz	306			
TTW	10,000 BTU	208-230v/60Hz	306			
TTW	12,000 BTU	208-230v/60Hz	306			
TTW	14,000 BTU	208-230v/60Hz	306			

Product line - Portable AC

	Description	Capacity	Refrigerant	Standard	QTY/40HQ	Fuction
	Cooling Only, PSL Panel	SACC 5,000 Btu ASHRAE 8,000 Btu	R32	UL, CEC	742	✓ 3-in-1 Air Conditioner Cooling / Dehumidifier / Fan
	Cooling Only, PSL Panel	SACC 6,000 Btu ASHRAE 10,000 Btu	R32	UL, CEC	742	✓ Full function remote control
	Cooling Only, PDL Panel	SACC 7,000 Btu ASHRAE 12,000 Btu	R32	UL, CEC	535	✓ Auto water evaporation ✓ 24 hour timer
	Cooling Only, PDL Panel	ASHRAE 12,000 Btu	R32	UL, Ashare	535	✓ Easy connection to wall/window
	Cooling Only, MY Panel	SACC 8,150 Btu ASHRAE 12,000 Btu	R32	UL, CEC	445	✓ Electronic controls with digital display ✓ Adjustable thermostat control
	Cooling and Heating, MY Panel	SACC 8,150 Btu ASHRAE 12,000 Btu	R32	UL, CEC	445	✓ Power off Memory ✓ Casters for easy mobility
	Cooling Only, MY Panel	SACC 10,200 Btu ASHRAE 14,000 Btu	R32	UL, CEC	445	✓ Lift out washable filter ✓ 4-way air swing (all direction could only be adjusted manually)
	Cooling and Heating, MY Panel	SACC 10,200 Btu ASHRAE 14,000 Btu	R32	UL, CEC	445	✓ Non Ozone depleting R32 refrigerant
	Inverter, Cooling and Heating, NY Panel	SACC 10,200 Btu ASHRAE 14,000 Btu	R32	UL, CEC	353	✓ Wifi/alexa/google home (Optional)

Product line - Dehumidifier

- Electronic Control Panel
- 24-Hour Timer
- Digital & Adjustable Humidistat Display
- Dehumudification Only without Cooling air
- 2 Fan Speeds
- Low-temp Operation Down to 41°F
- Auto Defrost
- Auto-Restart
- Bucket Full Monitor & Indicator
- Bucket Full Shut Off
- Continuous Drainge Hole
- Casters, Number used
- Removable & Washable Filter
- UL Certificate
- E-star Certificate
- WIFI(Optional)
- **Loading QTY:1304 pcs/40HQ for 25 & 30 Pint,755PCS for 50Pint.**

Standard	Voltage	Model		
		25 Pints	32 Pints	*50 Pints
E-Star, UL	**115V/60Hz**	●	●	●

* Large Cabinet & Available for built-in Pump Model.

TCL 2026 Product Road-Map

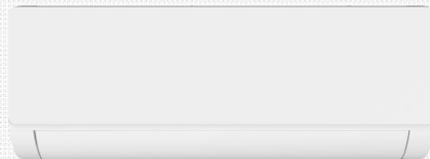	Product Line	Refrigerant R32	Refrigerant R454B	9K	12K	18K	24K	27K	30K	36K	48K	60K
Single Zone	17 SEER2 Series-AHRI	/		★√	★√	★√			★√		
	20 SEER2 Series-AHRI	/	▲√	▲√	▲√	▲√			▲√		
	/	20 SEER2 Series-AHRI	★√	★√	★√	★√			★√		
	/	24 SEER2 Series-Estar	★√	★√	★√	★√					
	/	25 SEER2 Series-Hi Heat	★√	★√	★√	★√					
Multi Zone	19 SEER2 Series-AHRI	/			■√		■√		■√	■√	
	23 SEER2 Series-Estar	/			■√		■√		■√	■√	
	/	20 SEER2 Series-AHRI			★√		★√		★√	★√	▲√
	/	24 SEER2 Series-Estar									
	/	25 SEER2 Series-Hi Heat			▲√		▲√		▲√	▲√	
Light Commercial Indoor Unit	/	Duct - 18 SEER2	★√	★√	★√	★√			▲√	▲√	▲√
	/	Ceiling Floor - 20 SEER2			★√	★√			▲√	▲√	▲√
	/	Cassette -21 SEER2	★√	★√	★√				▲√	▲√	▲√
Inverter Top Discharge System & Air Handle	/	18 SEER2 Series				★√			★√	★√	★√
Inverter Side Discharge System	AHU - 18 SEER2 Series-Hi Heat	/				■√			■√	■√	■√
	Duct - 17 SEER2 Series-Hi Heat	/				●√			●√	●√	●√
	Ceiling Floor - 20 SEER2 Series-Hi Heat	/				●√			●√	●√	●√
	Cassette - 20 SEER2 Series-Hi Heat	/				●√			●√	●√	●√

★√ : Model already available

▲√ : Will be ready the third quarter of 2025

■√ : Will be ready the four quarter of 2025

●√ : Will be ready the first quarter of 2026

TCL | Worldwide Air Conditioner Partner

Product line - Split AC

TCL | ⬭⬭⬭
Worldwide Air Conditioner Partner

Your One-Stop Split AC Solution

SPEC

9K-36K	9K-36K	9-24K	ODU: 18-48K
17/20 SEER2 Series	20 SEER2 Series	24/25 SEER2 Series	Up to 6 indoor units

Feature

① A entry-level product-cost effective.
② WiFi control

① **Comfort & Energy Saving:** gold ball dimple outlet and Coanda airflowdesign, AI smart chip and big data algorithm.
② **smart Health:** Wi-Fi , along with ahealth filter.
③ **Reliable & Convenient:** Fault-tolerant operation

① **Smart Health:** healty filter
② **Convenience:** easy installation, disassembly, cleaning, maintenance, and assembly.
③**Reliable Performance**: 30s rapid cooling, 60s rapid heating,excellent operating in ambient temperature

①**Flexible Configuration** to Meet Various Needs:
②**Simplified installation and Procurement:** No welding is required, The installation is assimple as connecting copper pipes and signal cable
③**Efficient Operation:** With full Dc inverter technology

Elite	X-Pro	T-Pro	Free Match

TCL Elite Series

- ✓ 9K-36K models
- ✓ SEER2 19 HSPF2 8.5
- ✓ Metal rear grille, metal front cover, and side cover
- ✓ Rapid cooling up to 30 seconds
- ✓ 131°F strong cooling in high ambient temp.
- ✓ Low ambient heating -5°F
- ✓ 133°F high temperature self cleaning and sterilization
- ✓ 4 way air flow
- ✓ Anti cold air
- ✓ Sleep mode
- ✓ Eco mode

Product Positioning	Platform	Colling capacity	Refrigerator
Basic	Elite	9~36K	R32、R454B

NEW R32 Product line - Single Zone Mini Split AC

Elite Series* COOL & HEAT

Capacity Btu/h	Voltage (V)	Cooling Capacity (Btu/h)	Heating Capacity (Btu/h)		SEER2 (Btu/W.h)		HSPF2 IV (Btu/W.h)		EER2 (Btu/W.h)		COP2 (5℉/-15℃)	
			R454B	R32	R454B	R32	R454B	R32	R454B	R32	R454B	R32
9K	115V	9000	10000	9000	19.0	19.0	9.5	9.0	11.7	10.0	2.0	1.8
12K	115V	12000	12400	12000	20.5	19.0	9.5	9.0	10.5	10.0	1.8	1.8
9K	230V	9000	10000	9000	20.0	19.0	10.0	9.0	12.0	10.0	2.1	1.8
12K	230V	12000	12400	12000	23.0	19.0	9.5	9.0	11.2	10.0	1.8	1.8
18K	230V	18000	19000	18000	21.0	19.0	9.5	9.0	11.0	9.5	1.8	1.8
24K	230V	24000	24400	24000	21.0	19.0	9.5	9.0	11.0	9.5	2.1	1.8
36K	230V	36000	36000	36000	19.0	19.0	9	8.5	9.0	9.0	2.1	1.8

X-Pro Series

- ✓ 9K-24K models
- ✓ Cooling and Heating
- ✓ AI energy saving 2.0
- ✓ 6-level gen mode
- ✓ Anti-direct air flow
- ✓ Dehumidification
- ✓ 56°C high temp. Self-cleaning & sterilization
- ✓ B.I.G. Care+
- ✓ Reverse fan blow self-cleaning
- ✓ Wi-Fi group control
- ✓ OTA upgrade
- ✓ Compatible to BMS
- ✓ Hotel Menu

Product Positioning	Platform	Colling capacity	Refrigerator
Mid-high end	X-pro	9~24K	R32

4 Upgrades

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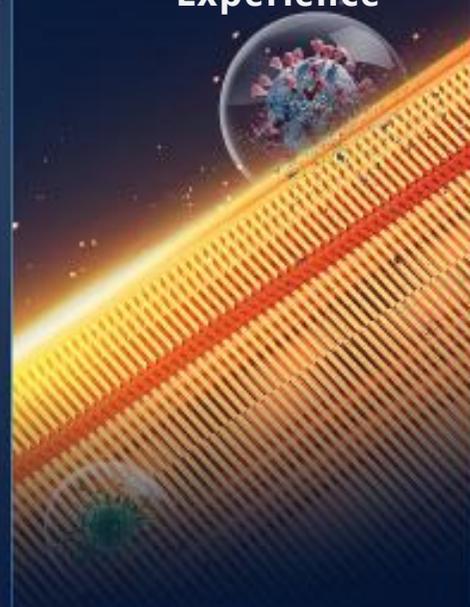
Energy Saving

- AI energy saving 2.0
- 6-level gen mode

Comfortable

- Anti-direct air flow
- Dehumidification

Healthy Experience

- 56。C high temp. Self-c eaning & sterilization
- B.I.G. Care+
- Reverse fan blow self-cleaning
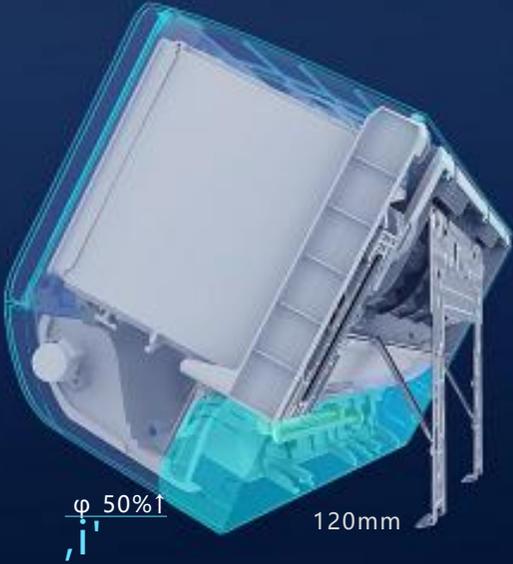
Smart

- Wi-Fi group control
- OTA upgrade
- Compatible to BMS
- Hotel Menu

3 Easy

TCL

Worldwide Air Conditioner Partner

φ 50%↑   120mm

3 Steps Only

Easy Assembly   Easy Installation   Easy Maintenance

T-pro Series

- ✓ 9K-24K Energy star & Neep models
- ✓ Detachable bottom plate for easy installation
- ✓ Quick replacement PCB for easy maintenance
- ✓ Comfortable gentle cool air flow
- ✓ Rapid cooling up to 30 seconds
- ✓ 131°F strong cooling in high ambient temp.
- ✓ Low ambient heating -13°F
- ✓ 133°F high temperature self cleaning and sterilization
- ✓ 4 way air flow
- ✓ Anti cold air
- ✓ Sleep mode
- ✓ Eco mode

Product Positioning	Platform	Colling capacity	Refrigerator
High-end	T-pro	9~24K	R454B

Product line - Single Zone Mini Split AC

T-Pro Series* COOL & HEAT

Capacity (Btu/h)	Voltage (V)	Cooling Capacity (Btu/h)	Heating Capacity (Btu/h)		SEER2 (Btu/W.h)		HSPF2 IV (Btu/W.h)		EER2 (Btu/W.h)		COP2 (5℉/-15℃)	
			R410A	R454B	R410A	R454B	R410A	R454B	R410A	R454B	R410A	R454B
9K	115V	9000	9500	10000	23.0	24.0	9.0	10.0	12.5	13.0	1.8	2.1
12K	115V	12000	12000	12400	22.0	23.0	9.0	10.0	12.5	13.0	1.8	2.1
9K	230V	9000	9500	10000	23.5	24.0	9.2	10.0	13.0	13.0	1.8	2.1
12K	230V	12000	12000	12600	23.0	24.0	9.5	10.0	13.0	13.0	1.8	2.1
18K	230V	18000	18000	19000	22.0	23.0	8.8	9.5	13.0	12.5	1.8	1.8
24K	230V	23000	24000	25000	20.0	23.0	8.8	9.5	12.5	12.0	1.8	1.8

Product line - Single Zone Mini Split AC

T-Pro Hi Heat Series* COOL & HEAT

Capacity (Btu/h)	Voltage (V)	Cooling Capacity (Btu/h)	Heating Capacity (Btu/h)	SEER2 (Btu/W.h)	HSPF2 IV (Btu/W.h)	EER2 (Btu/W.h)	COP2 (5℉/-15℃)
			R454B	R454B	R454B	R454B	R454B
9K	230V	9000	9500	25.0	10.5	13.0	2.2
12K	230V	12000	12500	25.0	11.0	13.5	2.2
18K	230V	18000	18500	25.0	10.0	13.5	2.0
24K	230V	24000	24000	22.0	10.0	11.7	2.0

Comparison of Platform Selling Points--Split AC

		Major Function	Elite	X pro	T pro
Structure	Easy Installation	Easy connection of copper pipe & cable	×	×	√
		Optional Supporters Available (Gap ≥120 MM)	×	√	√
		One PRESS to Detach the Unit From the Plate	×	×	√
	Easy Maintenance	PCB is easy to maintain	×	√	√
		Convenient Leakage Check	×	×	√
	Easy Assembly	No screws, only buckles	×	×	√
		Top filter for easy cleaning	×	×	√
		Easy disassemble and assemble of components	√	√	√
Health	Health Function	Self-cleaning	√	√	√
		Bipolar ionic	×	×	×
		UVC sterilization	×	×	×
		Anion sterilization	×	×	×
		Healthy filter	√	√	√
	3D Air-flow	Vertical/Horizontal Auto Swing	√	√	√
Comfort	Gentle cooling	Air flow is sent through the Micro Holes for diffusion	×	×	×
Smart	WIFI	Control the AC with Smart phone through Wi-Fi by the mobile devices even if outside	Wifi module	USB	USB

Model Comparison for Hi-heat unit function

SEER25 Hi-heat	Midea	Hisense	TCL
Picture			
9-24K **Function**	Leakage sensor	Leakage sensor	Leakage sensor
	100% of Heating capacity at 5°F (-15°C)	100% of Heating capacity at 5°F (-15°C)	100% of Heating capacity at 5°F (-15°C)
	Easy installation, easy cleaning	Easy installation, easy cleaning	Easy installation, easy maintainence, easy cleaning
	Self-cleaning	Self-cleaning	Self-cleaning
	Electric Heating Tube	Electric Heating Tube	Electric Heating Tube
	Dry contact	Dry contact	Dry contact
	Auto mode	Auto mode	Auto mode
	BMS	/	BMS
	Anti-corrosion Series (UV Coating, Anti-rust Paint, Anti-rust Fins)	Insect-proof Electric Control Box, Anti-rust fin	Anti-corrosion Series（Oxygen-free copper、End plate double-sided anti-rust）
	Online OTA Update	**/**	**Online OTA Update**

Model Comparison for 20SEER Entry level unit for HQ Rebate

SEER20		Cooling	Heating	SEER2	EER2	HSPF2-4	-8 ℃ heating	-15℃ heating	Rebate amount（CAD)	-15 heating rate	Low temperature operation
9K/115V	Midea	9000	10000	21.5	12.5	9.1	6600	7000	330	70%	-20℃
	Hisense	9000	9500	20	12.5	9	6800	6000	340	63%	-20℃
	TCL	9000	10000	19	11.7	9.5	8000	7300	960	73%	-20℃
9K/230V	Midea	9000	10000	21.6	12.6	9.4	6600	7000	330	70%	-20℃
	Hisense	/	/	/	/	/	/	/	/	/	-20℃
	TCL	9000	10000	20	12	10	8000	7400	960	74%	-20℃
12K/115V	Midea	12000	12000	21.3	10	8.7	7800	7000	390	58%	-20℃
	Hisense	12000	12000	18	10.2	8.5	8800	7500	440	63%	-20℃
	TCL	12000	12000	20	10.5	9.5	10000	9000	1200	75%	-20℃
12K/230V	Midea	12000	12000	21.3	10.8	9.2	8300	8000	415	67%	-20℃
	Hisense	/	/	/	/	/	/	/	/	/	-20℃
	TCL	12000	12000	20	11.2	9.5	10000	9000	1200	75%	-20℃
18K/230V	Midea	18000	18000	20.2	11.5	9.1	11700	11500	585	64%	-20℃
	Hisense	18000	18000	21	11.95	9.8	14800	13700	740	76%	-20℃
	TCL	18000	18000	21	10.5	9.5	13000	12500	650	69%	-20℃
24K/230V	Midea	24000	24000	18.5	9.6	9	17200	17000	860	71%	-20℃
	Hisense	24000	24000	19.5	10.6	8.5	21000	18500	1050	77%	-20℃
	TCL	24000	24000	21	10.5	9.5	17900	15600	895	65%	-20℃
36K/230V	Midea	36000	36000	19.5	9.3	9.1	25600	24000	1280	67%	-20℃
	Hisense	34600	35000	20	9.5	8.4	19200	20000	960	57%	-20℃
	TCL	36000	36000	19	9	9	23500	20400	1175	57%	-20℃

Model Comparison for Hi-heat unit for HQ Rebate

SEER25	Hi-heat	Cooling	Heating	SEER2	EER2	HSPF2-4	-8 ℃ heating	-15℃ heating	Rebate amount (CAD)	-15 heating rate	Low temperature operation
	Midea	9000	12000	27.4	15.4	12.5	9800	11500	490	96%	-30℃
9K/230V	Hisense	9000	9000	21	12	10	6700	9100	804	101%	-30℃
	TCL	**9000**	**9500**	**25**	**14.5**	**10.5**	**9500**	**9500**	**1140**	**100%**	**-30℃**
	Midea	12000	12000	25.4	13.4	10.5	9800	11500	1176	96%	-30℃
12K/230V	Hisense	12000	12000	21	11.2	10	8900	12100	1068	101%	-30℃
	TCL	**12000**	**12000**	**25**	**14**	**10.5**	**12000**	**12000**	**1440**	**100%**	**-30℃**
	Midea	18000	18000	21.4	12.5	11	16600	18000	1992	100%	-30℃
18K/230V	Hisense	18000	18000	19.5	11.7	9.5	13400	18100	1608	101%	-30℃
	TCL	**18000**	**18000**	**23.5**	**12.5**	**10**	**18000**	**17800**	**2160**	**99%**	**-30℃**
	Midea	24000	29000	21	13	13.5	21000	24200	2520	83%	-30℃
24K/230V	Hisense	24000	24000	20	11	9.5	18000	24200	2160	101%	-30℃
	TCL	**24000**	**24000**	**23**	**12**	**10**	**22000**	**22400**	**2640**	**93%**	**-30℃**

Model Comparison for 24SEER Multi-zone unit for HQ Rebate

Multizone-24SEER2		Cooling	Heating	SEER2	EER2	HSPF2-4	-8 ℃ heating	-15℃ heating	Rebate amount（CAD）	-15 heating rate	Low temperature operation
18K-TWO ZONE	Midea	18000	19000	25.1	14	9.8	13600	13500	680	71%	-25℃
	Hisense	18000	18000	22	13.3	10	11500	18000	1380	100%	-25℃
	TCL	18000	20000	24	13	10.5	20000	16000	2400	80%	-25℃
27K-THREE ZONE	Midea	27000	27000	25	13	9.5	18400	19000	920	70%	-25℃
	Hisense	27000	27000	23	12.8	10	17600	27000	2112	100%	-25℃
	TCL	27000	28000	24	12	10.5	22500	19800	2700	71%	-25℃
36K-FOUR ZONE	Midea	36000	37000	24	12	9.5	26600	26000	1330	70%	-25℃
	Hisense	36000	36000	22	12.8	10	22600	36000	2712	100%	-25℃
	TCL	35000	36000	23	11.1	10	27500	26000	3300	72%	-25℃
42K-FIVE ZONE	Midea	47000	48000	24	12.5	10.3	38000	36000	1900	75%	-25℃
	Hisense	42000	42000	22	12	9.5	28200	36000	3384	86%	-25℃
	TCL	42000	42000	23	11.2	10	31000	30000	3720	71%	-25℃

Model Comparison for Hi-heat Multi-zone unit for HQ Rebate

Multizone-25SEER2		Cooling	Heating	SEER2	EER2	HSPF2-4	-8 ℃ heating	-15℃ heating	Rebate amount（CAD)	-15 heating rate	Low temperature operation
18K-THREE ZONE	Midea	19000	20000	25	15	10.5	17600	19000	2112	95%	-30℃
	Hisense	18000	18000	22	13.3	10	11500	18000	1380	100%	-30℃
	TCL	20000	20000	26	13	11	20000	20000	2400	100%	-30℃
27K-FOUR ZONE	Midea	27000	27000	23	12.5	10.5	25000	27000	3000	100%	-30℃
	Hisense	27000	27000	23	12.8	10	17600	27000	2112	100%	-30℃
	TCL	26000	26000	25	13	10.5	26000	26000	3120	100%	-30℃
36K-Five ZONE	Midea	36000	36000	23	13	10.7	30000	36000	3600	100%	-30℃
	Hisense	36000	36000	22	12.8	10	22600	36000	2712	100%	-30℃
	TCL	31000	31000	25	12	10	31000	31500	3720	102%	-30℃
48K-Six ZONE	Midea	47000	49000	23	12	11	44000	47000	5280	96%	-30℃
	Hisense	42000	42000	22	12	9.5	28200	36000	3384	86%	-30℃
	TCL	48000	48000	24	12	10	48000	42000	5760	88%	-30℃

Product line - Multi Zone Mini Split AC

ODU Single Zone

9K, 12K, 18K, 24K

IDU

9K, 12K, 18K, 24K

Free Match Multi OUD

18K, 27K, 36K, 48K

Product line - Multi Zone Mini Split AC

Possibilities of the operation for 130% capacity

TCL FREE MATCH
Reach Every Corner of Your Home

Model Number	Two Units	Three Units	Four Units
18K	9+9		
	9+12		
	12+12		
27K	9+9	9+9+9	
	9+12	9+9+12	
	9+18	9+9+18	
	12+12	9+12+12	
	12+18	12+12+12	
	18+18		
36K	9+24	9+9+9	9+9+9+9
	12+12	9+9+12	9+9+9+12
	12+18	9+9+18	9+9+9+18
	12+24	9+9+24	9+9+12+12
	18+18	9+12+12	9+9+12+18
	18+24	9+12+18	9+12+12+12
		12+12+12	12+12+12+12
		12+12+18	
		12+18+18	

Ductless Split System - Multi Zone

Possibilities of the operation for 130% capacity

TCL Free Match Series

MOEL NUMBER	Two Units	Three Units	Four Units	Five Units
	9+9	9+9+9	9+9+9+9	9+9+9+9+12
	9+12	9+9+12	9+9+9+12	9+9+9+9+18
	9+18	9+9+18	9+9+9+18	9+9+9+9+24
	9+24	9+9+24	9+9+9+24	9+9+9+12+12
	12+12	9+12+12	9+9+12+12	9+9+9+12+18
	12+18	9+12+18	9+9+12+18	9+9+9+12+24
	12+24	9+12+24	9+9+12+24	9+9+12+12+12
	18+18	9+18+18	9+9+18+18	9+9+12+12+18
	18+24	9+18+24	9+9+18+24	9+12+12+12+12
42K/45K	24+24	9+24+24	9+12+12+12	12+12+12+12+12
		12+12+12	9+12+12+18	
		12+12+18	9+12+12+24	
		12+12+24	9+12+18+18	
		12+18+18	9+12+18+24	
		12+18+24	12+12+12+12	
		12+24+24	12+12+12+18	
		18+18+18	12+12+12+24	
		18+18+24	12+12+18+18	

Product line - Multi Zone Mini Split AC

Capacity	Cooling Capacity (Btu/h)		Heating Capacity (Btu/h)		SEER2 (Btu/W.h)		HSPF2 IV (Btu/W.h)		40HQ sets	Standard
	R410A	R454B	R410A	R454B	R410A	R454B	R410A	R454B		
2* Indoor Unit	18000	20000	20000	20000	20.0	20.0	8.5	8.5	189	ETL/AHRI
3* Indoor Unit	27000	28000	27000	28000	19.0	20.0	8.5	8.5	143	
4* Indoor Unit	36000	35000	36000	37000	19.0	19.0	8.5	8.5	114	
5* Indoor Unit	/	45000	/	45000	/	19.0	/	8.5	88	
6* Indoor Unit	/	60000	/	60000	/	18.0	/	8.5	54	
2* Indoor Unit	17000	18000	19600	20000	22.0	24.0	9.0	10.0	189	ETL/AHRI/E-star
3* Indoor Unit	24000	27000	26000	28000	22.0	24.0	9.0	10.0	143	
4* Indoor Unit	33000	35000	35600	36000	21.5	22.5	9.0	9.5	114	
5* Indoor Unit	/	42000	/	42000	/	22.0	/	9.5	88	
6* Indoor Unit	/	48000	/	48000	/	22.0	/	9.5	54	

Product line - Light Commercial Indoor Unit

New SEER Inverter Casstte

Cassette

9K-24K

- ➤ 360°Air Supply Panel &Display
- ➤ Two Wired Controllers
- ➤ AI Energy Saving
- ➤ WiFi Control
- ➤ Self-cleaning
- ➤ Reserve fresh air vent

New SEER Inverter Duct
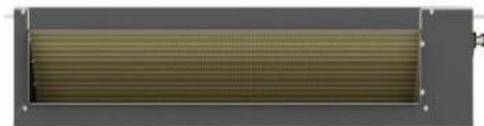
Duct

9K-24K

- ➤ 104°Wide Range of Airflow
- ➤ Seven-gear Wind Speed
- ➤ Stable Operation in 60℃
- ➤ Fresh Air and low noise
- ➤ WiFi Control
- ➤ Self-cleaning
- ➤ Reserve fresh air vent

New SEER Inverter Ceiling

Ceiling

18K-24K

- ➤ Compact Design of 245mm
- ➤ High External Static Pressure
- ➤ Left or Right Drain Direction
- ➤ Seven-gear Wind Speed
- ➤ Self-Cleaning

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Product line - Light Commercial Indoor Unit

Item	Picture	Range	SEER2	HSPF2	EER2	COP2	Unit Dimension (W x D x H)	Panel dimension (W x D x H)	ESP
Cassette		9K	23.0	10.0	12.5	4.2	22.44x22.44x9.25	24.41x24.41x2.56	
Cassette		12K	22.0	9.5	12.0	3.8	22.44x22.44x9.25	24.41x24.41x2.56	/
Cassette		18K	20.5	8.5	11.7	3.2	22.44x22.44x9.25	24.41x24.41x2.56	
Cassette		24K	22.5	10	11.7	3.3	33.07x33.07x9.65	37.40x37.40x1.97	
Ducted		9K	20.5	9.5	12.5	3.7	27.56x17.72x7.87	/	up to 80
Ducted		12K	18.5	8.5	11.7	3.5	27.56x17.72x7.87	/	up to 80
Ducted		18K	21.0	8.1	11.7	2.9	36.22x23.82x8.27	/	up to 100
Ducted		24K	19.0	9.5	11.7	3.4	43.31x17.72x7.87	/	up to 120
Ceiling Floor		18K	20.5	9.0	11.7	3.3	41.54x26.57x9.25	/	/
Ceiling Floor		24K	20.0	9.5	11.7	3.4	41.54x26.57x9.25	/	

New Product line - Top Discharge System

Model	Voltage	Cooling Capacity	Heating Capacity	SEER 2	HSPF 2	40HQ (Top Discharge Condenser)	40HQ (Air Handler)
	(V)	(Btu/h)	(Btu/h)	(Btu/W.h)	(Btu/W.h)	sets	sets
24K	230V	24000	24000	18.0	9.0	135	152
36K	230V	34000	36000	19.0	9.0	135	152
48K	230V	47000	47000	18.0	8.5	90	57
60K	230V	53000	54000	17.0	8.2	90	57

New Product line - Side Discharge System

Model	Voltage	Cooling Capacity	Heating Capacity	SEER 2	HSPF 2	40HQ (Side Discharge Condenser)	40HQ (Air Handler)
	(V)	(Btu/h)	(Btu/h)	(Btu/W.h)	(Btu/W.h)	sets	sets
24K	230V	24000	24000	18	10	88	152
36K	230V	36000	36000	18	9.5	88	152
48K	230V	48000	48000	18	9.5	54	57
60K	230V	55000	55000	18	9	54	57

New Improvement
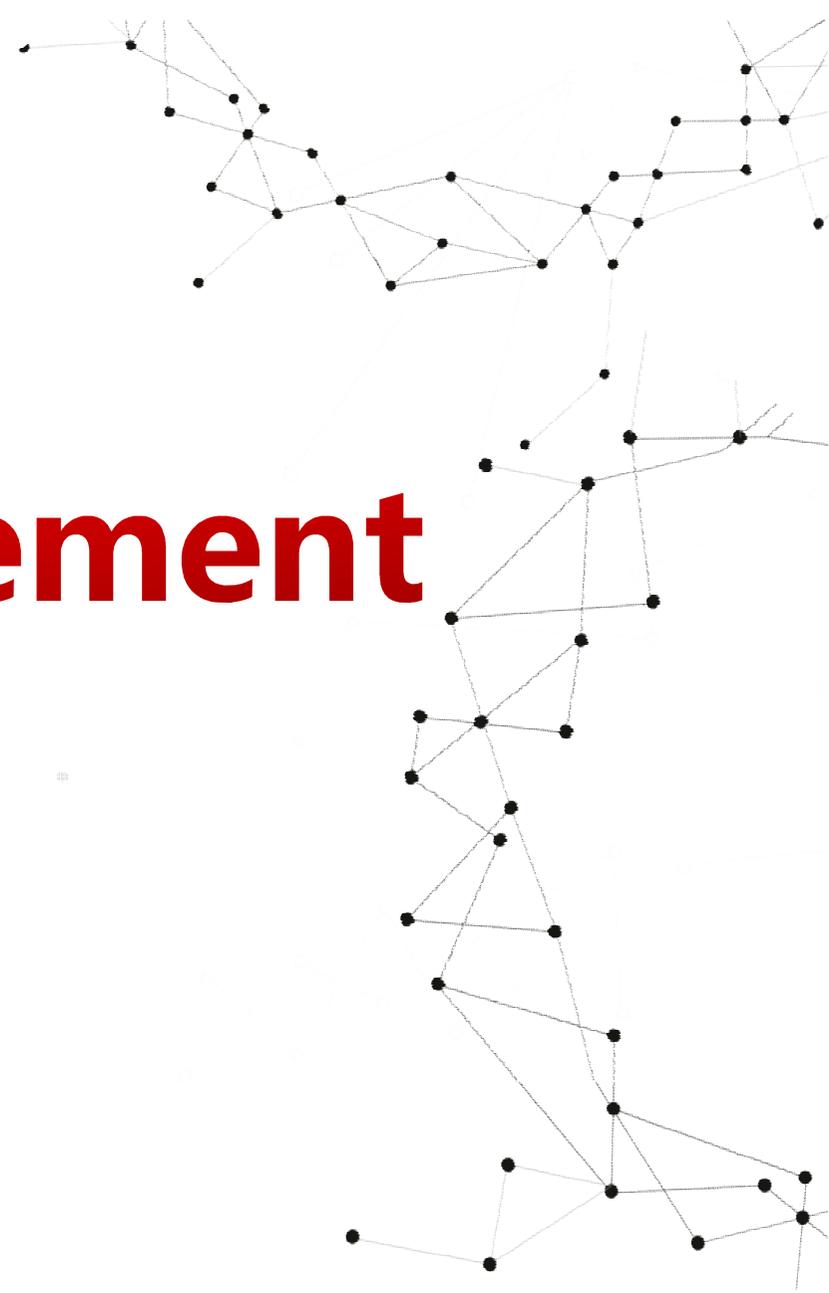
OXYGEN-FREE COPPER

Introduction to the
Application in Air Conditioners
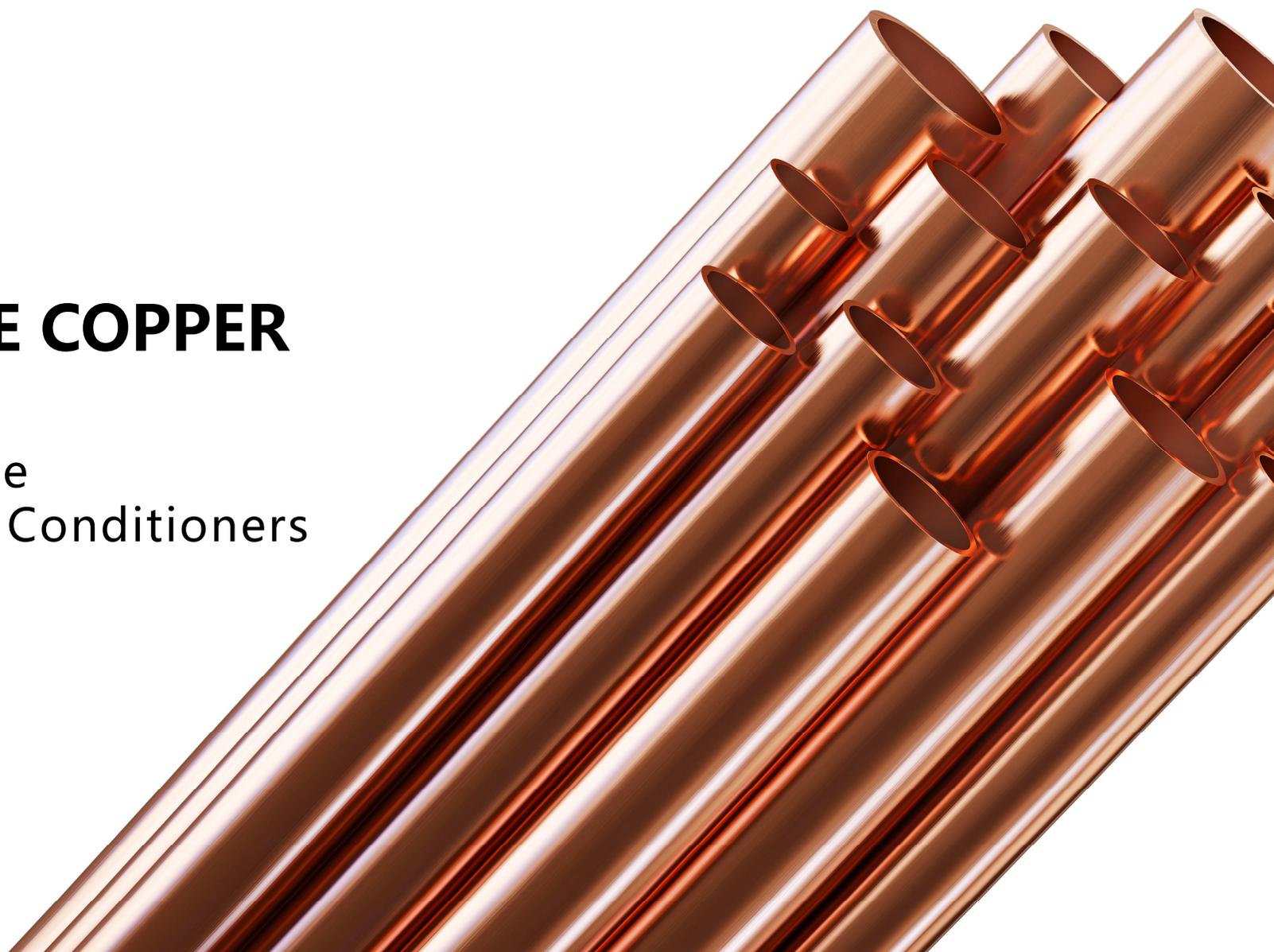
Oxygen-Free Copper Trend

- It has high purity and strong anti-oxidation, which keeps good heat transfer and strength even in humid environments.
- Finer grain structure improves corrosion resistance.

99.95%+
Ultra-high
Copper Purity

Compared to Normal Copper Pipe			
+10%	10-20 Times Less	3 Times Less	Denser
Copper Purity	Impurity P	Other Impurities	Grain Structure

Coastal Areas (High Salt)   **Humid Areas (High Moisture)**   **Hot & Polluted Areas**
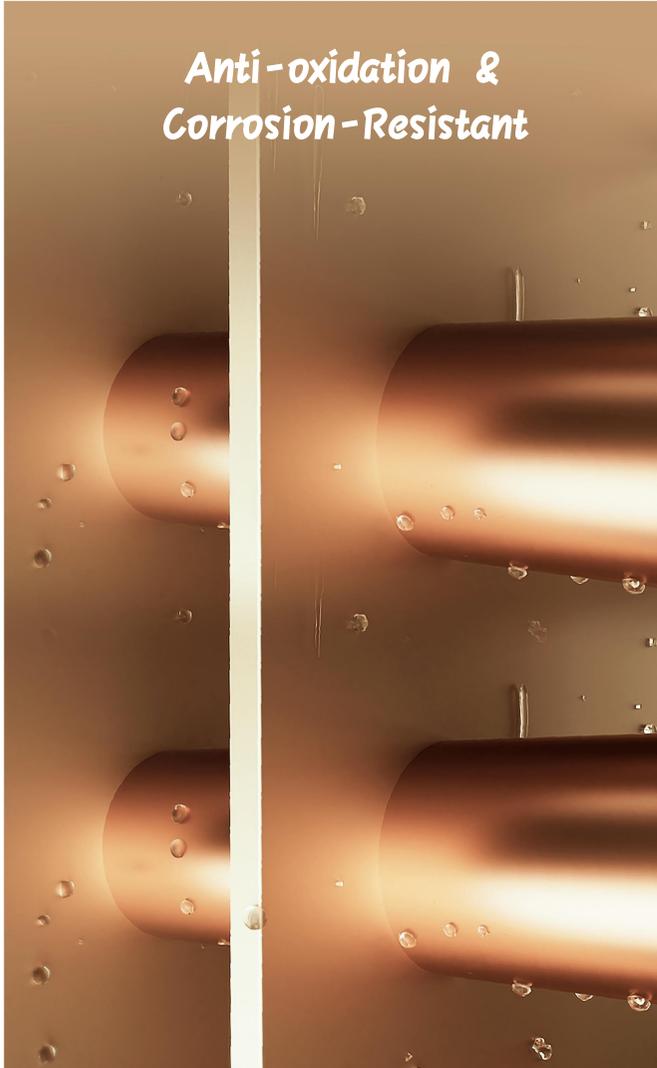
Easier Maintenance & Better Durability

High Flexibility

17%↑

Elongation

Fine and uniform structure, better formability, less breakage, ideal for complex piping.
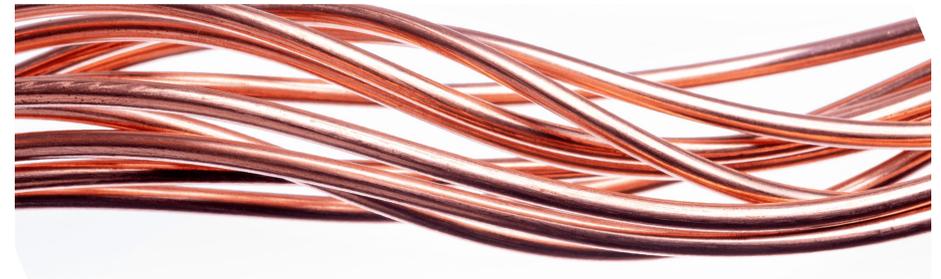
Easy Welding
Better Heat Transfer

Low oxygen, high thermal conductivity and ensures good welding results.

Lower Repair Cose
Longer Life

Better corrosion resistance, less damage, longer life, lower maintenance cost.

Introduction for Anti-rust evaporator

Introduction for Anti-rust evaporator

【Advantages】
* Improve corrosion resistance
* Greatly extend the service life of the AC
* It avoids the potential risk of corrosion and refrigerant leakage
  in the short term due to the harsh environment

【Applicable environment】
* It is suitable for high temperature, high humidity and high salt fog environments such as coastal areas, chemical plants, farms, kitchens, etc.
* At present ,Indonesia, Vietnam, Taiwan, Thailand, the Philippines, UAE, etc market may have great demand.

【Comparison】 With VS Without
*Anti-rust specially treated with waterborne epoxy coating on the welding side of the evaporator and the bottom of the U tube.
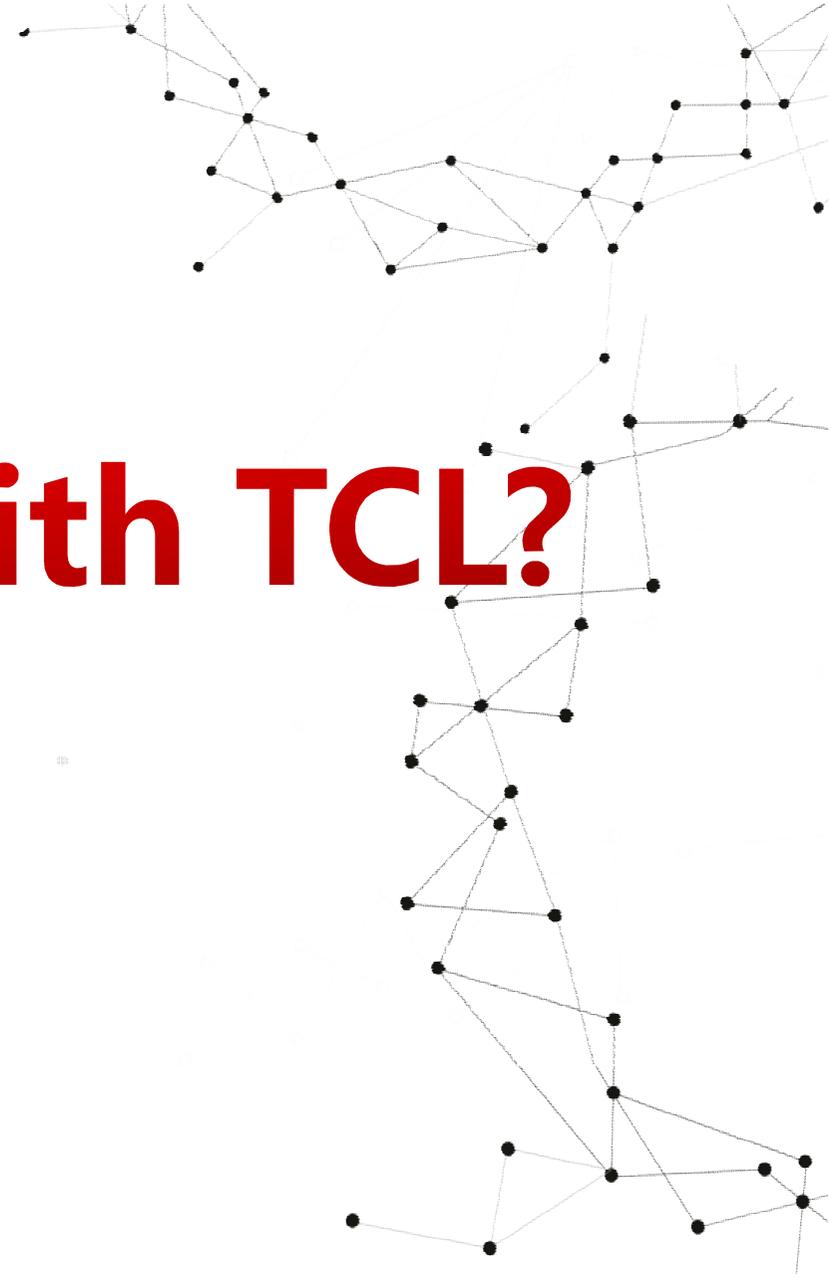*Neutral salt spray test: 5% NaCl (pH6~pH7) + test temperature 35 °C
Result as below
Remark: Neutral salt spray test 24H≈ natural environment 0.5~1 year, the specific should be subject to the actual use of area

With	Without
648 Hours	72 Hours
No rust, no patina	Rust & patina

有防锈涂层   无防锈涂层

Soaking depth≥15mm

72H test without Anti rust coating

648H test With anti-rust coating
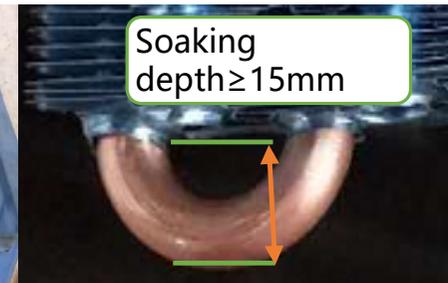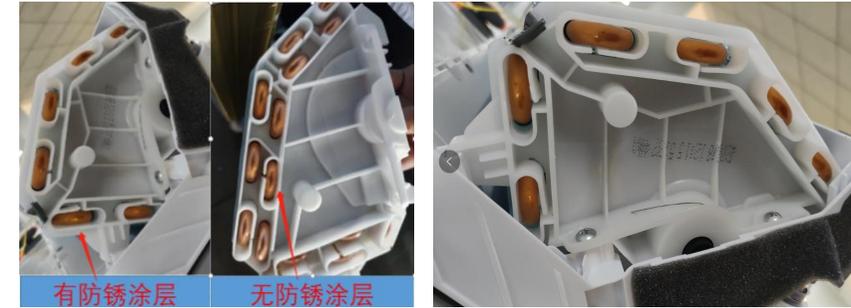
Why Partner with TCL?

The First Choice of ODM Supplier

TCL & U → Partner for Mutual Success

Hard Power

- ✓ 11 Manufacturing centers and overseas factory capability
- ✓ 11 Global Leading technologies-R&D ability
- ✓ Total 5186 Patents
- ✓ Industry top level quality guarantee
- ✓ Competitve price-supply chain cost advantage

Soft Power

- ✓ Customer First
- ✓ Reliable
- ✓ Consistent
- ✓ Competitive
- ✓ Flexible
- ✓ Stable Team

Strategy

- ✓ Develop together, invest together
- ✓ Go to Market together
- ✓ Worry-free service

TCL | Worldwide Air Conditioner Partner

Thank You

TCL AC | SMART HEALTHY AIR WE ENJOY