



Worldwide Air Conditioner Partner

MAKE IT EASIER FOR YOU TO ENJOY HEALTHY AND GREEN LIFE BROUGHT BY AIR.



V5.26317

TECHNICAL SUPPORT, GLOBAL SALES COMPANY
GD TCL INTELLIGENT HEATING & VENTILATING EQUIPMENT CO.,LTD.

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Worldwide Air Conditioner Partner



TCL COMPANY PROFILE



OUR BRAND



Brand story

TCL Corporation Ltd., founded in 1981, is one of the world's largest consumer electronics conglomerates. Operating on a global scale, TCL has become a Global Olympic Partner until 2032.

GD TCL Intelligent Heating & Ventilating Equipment Co., Ltd. is an innovative company specializing in the research, development, manufacturing, sales, and service of HVAC equipment. Our product portfolio covers a full range of air-source heat pumps, including unit-type light commercial systems, small multi-split residential central air conditioning, air-cooled modular units, residential dual-supply systems, ultra-low temperature modular units, household air-energy water heaters, and commercial air-energy hot water solutions.

We operate 4 R&D departments and 20 specialized laboratory groups. This year, TCL-HVAC's new manufacturing base will be put into operation. Once fully functional, our new and existing facilities will house 27 world-class production lines, achieving an annual manufacturing capacity of over 2 million units.

TCL-HVAC's testing center has been accredited by the China National Accreditation Service for Conformity Assessment (CNAS), providing a solid foundation for strengthening independent R&D capabilities, enhancing laboratory management, and building a customer-centric, quality-driven system focused on product performance and innovation.

With nearly 20 years of expertise, technological advancements, and market presence, TCL-HVAC has earned a strong reputation, gaining extensive market validation through professional technology and exceptional service.

Our achievement

- **43** R&D centers
- **960M** Global users
- **135k** Employees worldwide
- **160+** Countries/regions of business coverage
- **38** Manufacturing bases worldwide
- **11** Global Service Centers
- **\$50.9B** revenue of TCL groups **↑17%**

30B ¥

TCL AC sales in 2024

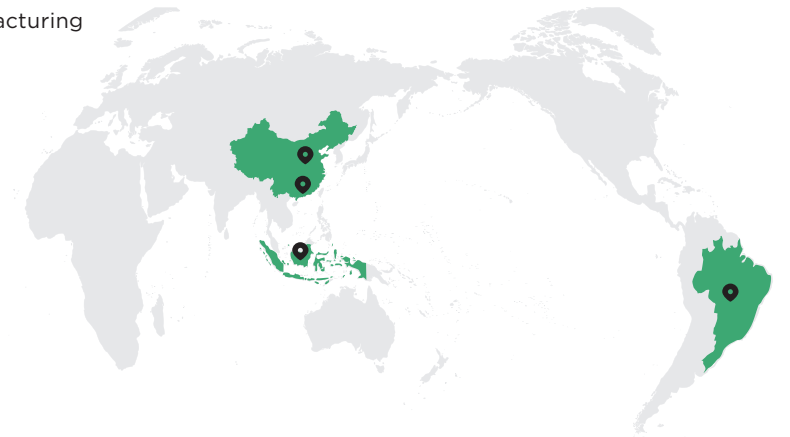
18% ^

2023 MOST VALUABLE CHINESE BRANDS TOP 100

Powerful Global Supply Chain

Currently, TCL has 11 global AC manufacturing bases in China, Indonesia, Brazil, etc.

- 11** Production Centers Worldwide
- 41.5** Million Sets / Year
- 3** Top 3 AC Export Ranking



Strong R&D Quality Assurance

- 19.5%** R&D Investment up YEAR-ON-YEAR
- 16** National advanced laboratory
- 32** Autonomous laboratory
- 233** Independent intellectual property
- 91,053** Cumulative Patent Applications



Digital operation platform



Comfort Testing Laboratory



Enthalpy Difference Test



Noise Testing Laboratory

Automatic Manufacturing

- Digitalized Production Line** | **6+1 industrial Internet platform** | **Digital twin technology**
- Lights-off Factory** | **Fully automated production line** | **24 hours lights-off** | **Whole process of digital management**
- Green Factory** | **Full photovoltaic coverage** | **'Sponge City' smart water cycle system** | **Zero carbon emissions & intelligent treatment of waste &as, waste water, etc**

OUR HIGH QUALITY PRODUCTS

What our innovative products can bring



One-stop solution

From product selection and installation to commissioning and after-sales maintenance, our professional team provides customized heat pump solutions tailored to your needs. A single heat pump system can efficiently handle heating, cooling, and hot water supply, offering a seamless, all-in-one solution for ultimate convenience.



Energy saving solution

High efficiency and energy savings are among our key advantages. Compared to traditional heating and cooling equipment, our heat pump systems deliver equal or even superior performance with lower energy consumption, significantly reducing reliance on energy-intensive traditional sources. This not only helps you save on costs but also contributes to a more sustainable future.



Intelligent technology

Equipped with an advanced intelligent control system, our heat pump enable to remotely control, provide smart temperature adjustment, mode switching, and more—delivering unparalleled convenience and a truly intelligent experience.



Widely range of applications

Whether for residential use or commercial spaces such as hotels, shopping malls, and office buildings, we offer the perfect solution. No matter the setting, our heat pump systems deliver outstanding performance and reliability.

R290 Tri-thermal ATW Heat Pump Ultra AI(Monoblock)

Capacity
4-16kW

Applications

Residential buildings, hotels, apartment, etc



100% heating capacity at -10°C



28 dB(A) at 3m



4 Core Safety Protections



7-Inch Smart Touch Display



3-Zone Temp. Control



AI Smart Control



R290 Tri-thermal ATW Heat Pump Pro(Monoblock)

Capacity
4-16kW

Applications

Residential buildings, hotels, apartment, etc



3-Zone Temp. Control



Max. 80°C hot water



OTA update online



35 dB(A) at 3m



IOT remote monitoring



Six-stage anti-freeze technology





R32 Tri-thermal ATW Heat Pump(Monoblock & Split)

Capacity
4-16kW

Applications
Residential buildings, hotels, apartment, etc

- 3-Zone Temp. Control
- OTA update online
- IOT remote monitoring
- Max. LWT 65°C
- Low noise, 35 dB(A) at 3m
- Six-stage anti-freeze technology



TMV6+ SUPER VRF

Line up
8-32HP

Applications
Office buildings, shopping malls, schools, exhibition halls, hotel, etc

- High efficiency EVI scroll compressor
- 30°C-55°C ultra wide operating temperature range
- Self-adaptive Adjustment of Evaporating/Condensing Temperature
- High-efficiency double C Type Heat Exchanger Design
- Power-off Memory Function
- 1100mm Super Long Piping Design-height difference

R290 Water Heater

Volume
200L、250L

Applications
Residential buildings, hotels, apartment, etc

- High energy class A+
- Cathodic Protection
- Low noise
- AI mode
- MAX. LWT 75°C
- IOT+OTA



TMV6+ SUPER Mini VRF

Line up
8-28HP

Applications
Villas, hotels, etc

- High-efficiency DC inverter compressor
- All-round noise reduction to 20 dB (A)
- Flexible installation
- 20°C-55°C stable operation
- Constant temperature
- Multiple intelligent control methods



Aqua Falcon Air-cooled Chiller

Line up
65kW 135kW

Applications
Office buildings, shopping malls, schools, exhibition halls, hotel, etc

- R32 environmentally friendly refrigerant
- Smart defrost & intelligent balancing system
- Daily and weekly smart timer
- Magnetic Filter anti-clogging (Optional)
- Snow-blowing & Anti-duct
- 600mm minimum installation distance



8-Way Cassette FCU

Line up
1.08-12.6kW

Applications
Office buildings, shopping malls, schools, exhibition halls, hotel, etc

- 8-way air outlet design
- Built-in drain pump
- 120cm head drain pump
- Low-noise operation
- Centrifugal fan with 3 speed motor or 5 speed motor(Optional)
- Built-in PCB with power-off memory function and RS485 port(Optional).



BlueArk All-in-one

Capacity
5-12kW

Applications
Residential buildings, hotels, apartment, etc

- All-in-one design Integrated WHSE
- Enhanced reliability Worry-Free Safety
- Wide range Flexible expansion
- Strong adaptability Exceptional performance
- VPP capability Energy interconnection



Ceiling & Floor

Line up
5-15kW

Applications
Villa living room, office, restaurant, shopping mall, etc

- 104° wide angle of air flow
- 2-style installation
- Dual direction of drainage
- Ultra-thin design to 235mm
- Seven gear wind speed (Applicable models of DC motor)
- LED display

LCAC Outdoor unit

Line up
5-15kW

Applications
Residential buildings, hotels, conference rooms, hospitals, etc

- Full DC inverter (applicable models)
- Universal design
- Single blade design (applicable to 36K-60K models)
- High efficiency
- Long pipe length design
- Wide-temperature operation



Floor Standing

Cooling range
14kW

Cooling range
Villa living room, office, restaurant, shopping mall, etc

- Rapid cooling and rapid heating
- 53 ° C cooling in high ambient temp
- Low temperature cooling -15°C.
- 56 ° C high temperature self-cleaning & sterilization
- ODU reverse fan blow Self-cleaning
- WiFi control



Duct

Line up
5-15kW

Applications
Residential buildings, hotels, conference rooms, hospitals, etc

- Optional built-in drain pump
- Flexible air intake
- Max. intake of 15% of fresh air volume
- Ultra-thin design to 210mm
- WiFi Control
- Dual drainage



Cassette

Line up
5-15kW

Applications
Villa living room, office, restaurant, shopping mall, etc

- Built-in drain pump
- Ultra-low noise design
- 360° surround air outlet
- WiFi Control
- Max. intake of 15% of fresh air volume
- LED digital display

OUR SUPPORT

What we can provide

- Product Training
- Marketing Insight
- Technology Service
- Timely After-sales Service

Products

- High-tech & high quality
- Customized development
- Competitive price

Supply Chain

- Robust Global Supply Chain
- Fast and reliable delivery
- Partnerships with TOP 3 industry-leading component suppliers for superior quality

Pre-service

- Professional Product Training
- On-Site or Online Technical Training Support
- SKD Factory Support

Delivery

- Reliable freight shipping with contracted rates and forwarders
- Stable and predictable delivery times
- Global shipping network ensuring fast response

Marketing Support

- A solution to help sell out in the local
- TCL Brand Influence & Sponsorships in Europe
- Continuously optimized Go-to-Market materials
- New Product Introduction Support & POP Design

After-sales Service

- Fast and reliable support with quick response times
- Guaranteed spare parts availability
- Online video tutorials for troubleshooting and maintenance
- Remote diagnostics and localized technical support

Vision

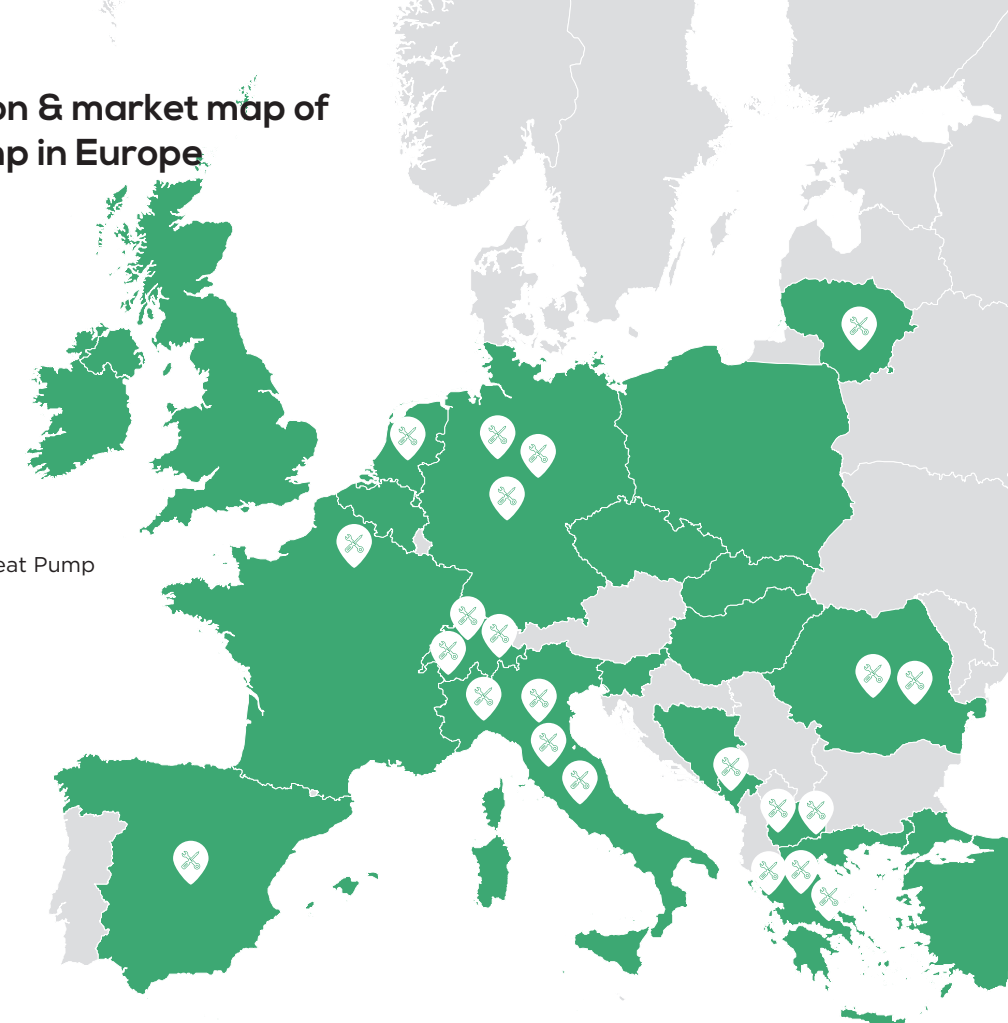
To Become a reliable leading brand in healthy air management, heat pump and thermal energy management.

Mission

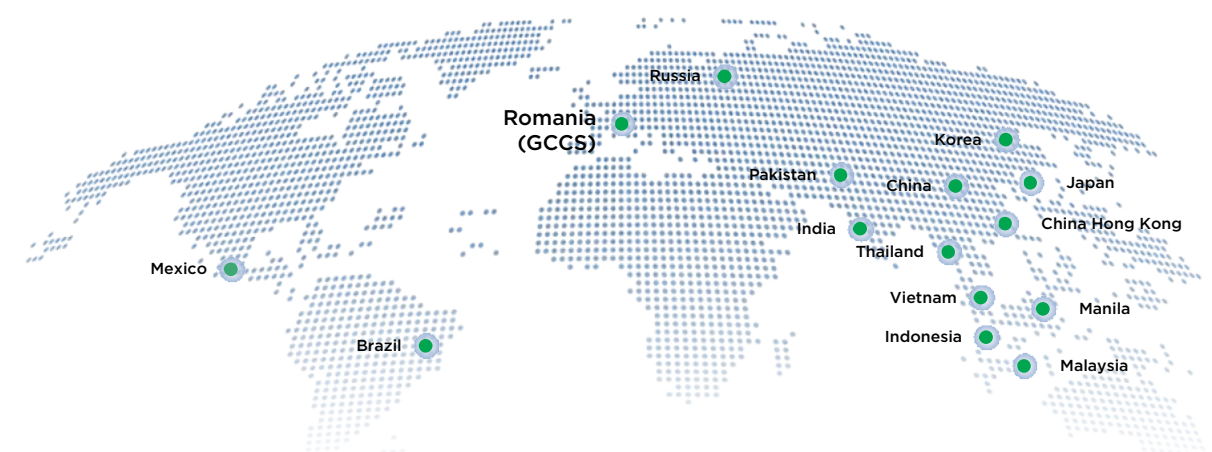
Make it easier for you to enjoy healthy and green life brought by air.

The installation & market map of TCL heat pump in Europe

- 3** Directly-Operated Heat Pump Branch Offices
- 20+** Heat Pump Country Partners



TCL Global Service Layout



15 Calling Centers - 34 Languages - 1000+ Employees	5000+ Service Provider - China: 4000+ - Overseas: 1000+	50000+ Engineers - China: 40000+ - Overseas: 10000+	9 Training Bases - China: Nanjing, Chengdu, Xian, Shenyang, Jinan, Zhongshan - Overseas: Brazil, Romania, Phillipines
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