



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



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
- 130k Employees worldwide
- 160+ Countries/regions of business coverage
- 33 Manufacturing bases worldwide
- 11 Global Service Centers
- \$43.5B revenue of TCL groups ↑ 6.7%

30B ¥

TCL AC sales in 2024

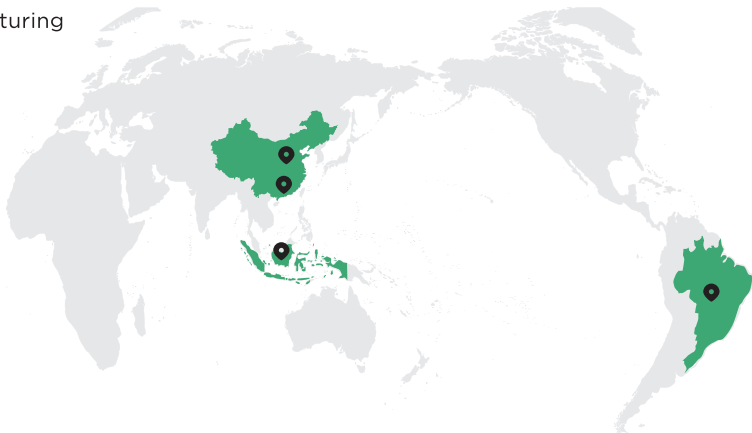
18%▲

2023 MOSTVALUABLE 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

R&D Investment up

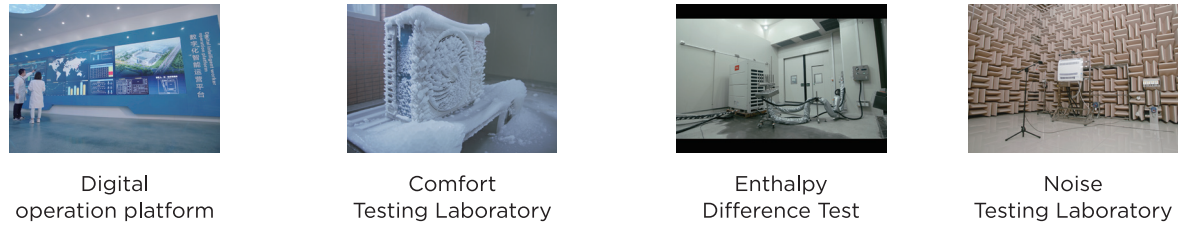
19.5% YEAR-ON-YEAR

16 National advanced laboratory

32 Autonomous laboratory

233 Independent intellectual property

91,053 Cumulative Patent Applications



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.



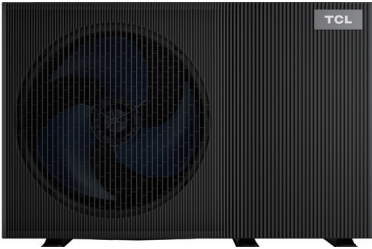
Intelligent technology

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(Monoblock)

Capacity
4-16kW

Applications
Residential buildings, hotels, apartment, etc

3-Zone Temp. Control Max.LWT 80 °C R290 GWP=3 A+++

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

Capacity
4-16kW

Applications
Residential buildings, hotels, apartment, etc

3-Zone Temp. Control Max. LWT 65 °C R32 ODP=0 A+++



Tri-thermal 6 core highlights



3-Zone Temp. Control



Max. 80 °C hot water



Low noise, 35 dB(A) at 3m



Six-stage anti-freeze technology



IOT remote monitoring



APP intelligent control





R290 Water Heater

Volume
200L、250L

Applications
Residential buildings, hotels, apartment, etc

- A+
- Cathodic Protection
- AI mode
- IOT+OTA

Water Heater 6 core highlights



High energy
class A+



AI mode



Cathodic
Protection



MAX. LWT
75 C



Low noise



IOT+OTA



Mini VRF

Line up
8-28HP

Applications
Villas, hotels, etc

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

TMV6+ SUPER VRF

Line up
8-32HP

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

- High efficiency EVI scroll compressor
- Double C high efficiency condenser
- 30°C-55°C ultra wide operating temperature range
- Non-polar CAN bus-communication technology
- TCL remote intelligent service center
- Available to realize the free combination of maximum 128HP



Heat Recovery Multi System

Line up
ODU: 21K、27K
Water tank: 190L
IDU: 9-24K

Applications
Residential buildings, etc

- OTA update
- AI Algorithm
- Water volume display
- Low Temperature Heating(-20 C)
- SG ready
- Heat recovery system

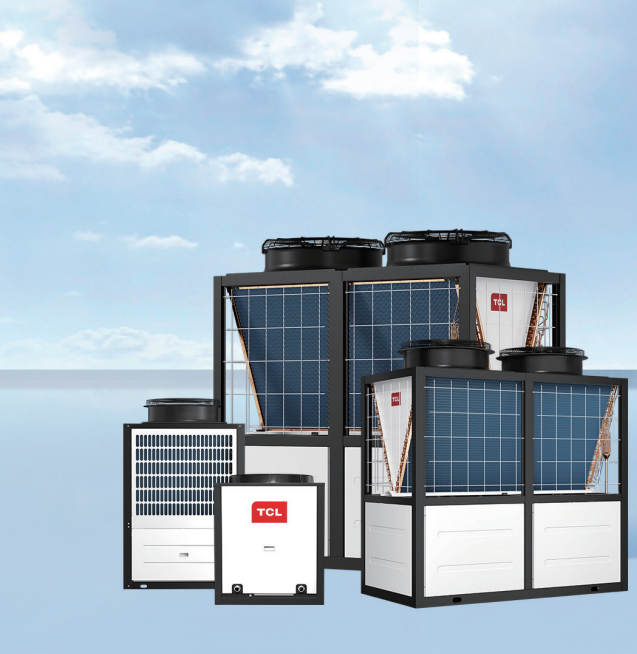


Ultra-low Modular Chiller

Line up
38-160

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







- Stable operation -38 C ~ 55 C wide-field operation
- High efficiency EVI Scroll compressor & Full inverter
- Double-U-shaped high efficiency heat exchanger
- TCL smart cloud platform Hassle-free operation
- Intelligent defrosting technology
- Intelligent rotating technology for longer life



Modular Chiller

Line up
65-135

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







-  Low-noise operation of high-efficiency stable motor
-  Intelligent defrosting technology
-  Stable operation -15°C -48°C wide-field operation
-  Double-U-shaped high efficiency heat exchanger
-  TCL smart cloud platform Hassle-free operation
-  Multi-protection function



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

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



Floor Standing

Cooling range
14kW

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







-  High efficiency & optional 3 layer Heat exchanger
-  Industrial leading large capacity
-  60°C strong cooling in high ambient temperature
-  25 meters long distance wind blast
-  3D air flow
-  Flexible installation



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



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

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

- TCL Brand Influence & Sponsorships in Europe
- Continuously optimized Go-to-Market materials
- New Product Introduction Support & POP Design
- Global Partner Conference & Factory Tours



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

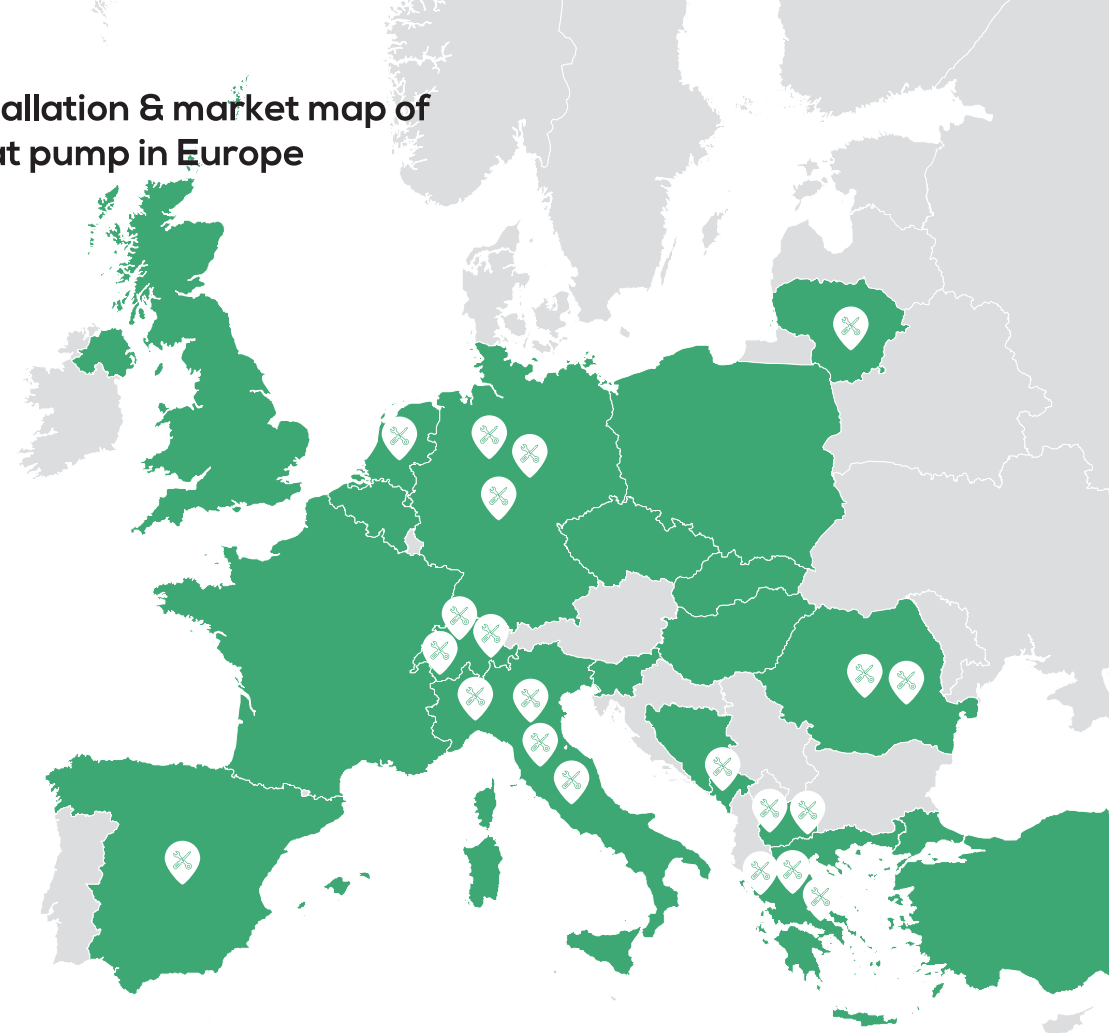
Vision

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

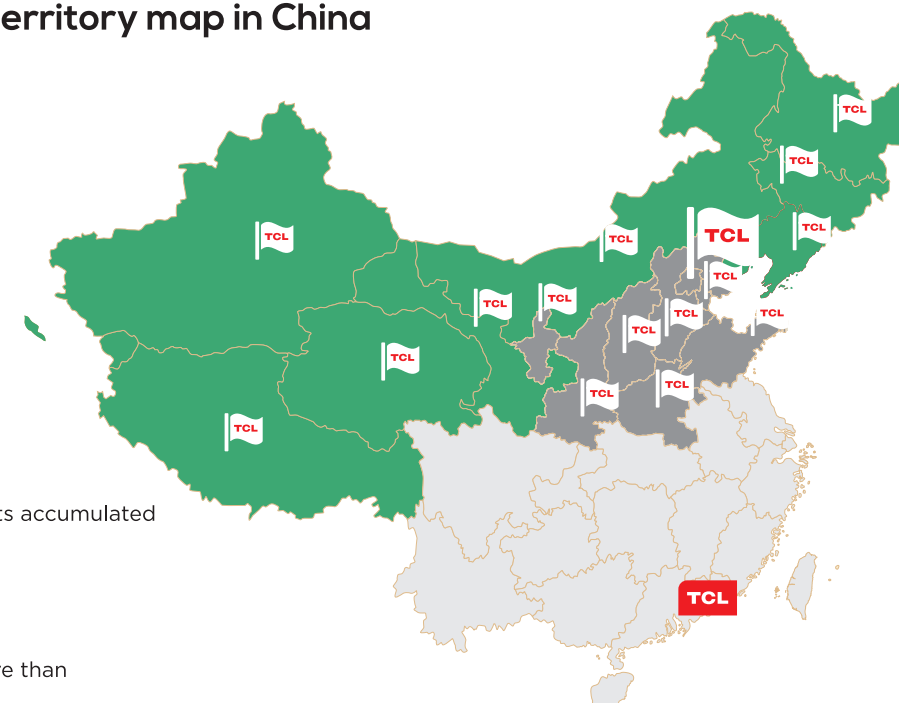
Mission

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

The installation & market map of TCL heat pump in Europe



TCL heat pump northern coal to electricity territory map in China



400⁺

The winning projects accumulated

300⁺ cities

Cases covering more than