TICA have been making an implement of continuous quality improving program. In cooperation with senior manager team and professional expertise from Japan, TICA have evolved not only R&D and processing engineering standard, but also manufacturing, quality control and after sales service system. After ten years’ unremitting efforts, TICA guarantees the clients high quality products comparable to Japanese manufacturing standard.

It is about YOU!

Nanjing Tica Air Conditioning Co., Ltd. have assembled a team of highly qualified professional in both design and manufacturing of Central Air Conditioner. We are here to serve you with total system solution. Apart from creating a comfortable environment, our solution is both cost and energy saving. It is YOU that enable us to grow rapidly to become the rising star in the Air Conditioner Industry in China. The company is full of vitality and toward realising its full potential.

N J new factory
T J factory
GZ factory
CD factory

1. Established of Post-Doctoral Research Center
2. Launch of world-class super-speed centrifugal chiller manufactured with technology licensing from Carrier
3. Launch of TICA Organic Rankine Circle (ORC) renewable energy power generation system

2010
2011
2012
2013
2014
2015
2016

1. TICA Test Center passed the evaluating of CNAS.
2. TICA became the first domestic air-conditioning brand which the full range of products obtained the Eurovent certification.
3. TICA was one of the first enterprises to sign HCFC phase out plan; the first one to achieve the goal. Become the demonstration enterprise of UNEPA and China Environmental Protection Enterprises
4. Founded enterprise academician workstation

2016

1. Established global strategic JV cooperation with UTC,
2. ISO 1 level super clean environment integrated system won the first prize of Chinese Machinery Industrial Science Technology
3. TICA Technology Center was rated as “National-recognized Enterprise Technology Center” by the five ministries
4. Founded TICA Osaka Institute

2002
2008

1. Nanjing TICA relocated to the new factory;
2. Hired Japanese executives;
3. Started the Quality Enhancement Plan;

2011

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2002
2008

TICA established factory in Guangzhou
TICA established manufacturing factory in Tianjin

1998
1999

1995

Registered brand as TICA
TICA established first manufacturing factory in Nanjing
TICA established automation control company, Fuca Electronics

1991
1995

Established Baoli (the predecessor of TICA)
It is about PEOPLE
TICA pay attention to the cultivation of talents. We believe through continuous improvement and innovation, we can produce better products and services. Humanized management to make sure TICA has professional technical and management teams. Lay the foundation to become first-class modern enterprises.

Morning meeting  Experts training  Tug of war

It is about CARE and GIVING
TICA is ever conscious that we are part of the global community. We are well aware of our role and responsibility for society. Our service to society reaches far and widely. We participate in many welfare projects and public activities such as rebuilding schools; supporting needy students and victims of the Wenchuan Earthquake and the Japanese Tsunami.

It is about Environment
Our R&D is focused on Energy Conservation and Eco Friendly Manufacturing Practices. We are working hard to implement the latest Energy Conservation Ideas such as refrigerant recycling system and Geothermal technology.
It is about CONTINUOUS IMPROVEMENT

To be a world class manufacturer we started the company wide quality improvement program in 2011. We engaged a team of highly experienced and qualified managers to manage our manufacturing and quality activities. The combination of experienced experts and our present young and enthusiastic managers will ensure that our products quality are world class.
It is about QUALITY

Every product leaving the factory are made with the latest Manufacturing facilities. A combination of On-line testing equipment and a stringent QA/QC system will ensure the products are made with the highest quality and consistency. Besides we have invested 20 laboratories of International standard. This will make us to be able to push technological barriers.

In order to increase our quality, we have formed strategic partnership and alliances with Companies that are best in the business both locally and internationally.

R & D Center
It is about TRUST

Sincerity is the cornerstone of our business philosophy. We demand that everyone in Tica must work with each other with RESPECT, INTEGRITY, GOODNESS, HONESTY, and TRUST. We call it RIGHT-Doing the thing RIGHT and doing the RIGHT thing. To ensure compliance we have a comprehensive system employee education. Through regular meeting and audit, we make this policy an integral part of our company. To build customer trust, we have an extensive sales and service network providing design, selection, installation consultation.
Commercial Products

- Mini air-cooled chiller (Heat pump)
- Modular air-cooled chiller (Heat pump)
- Air-cooled ducted split type/cassette type air conditioner
- Air Source Heat Pump Water Heater
- Rooftop
- Water source heat pump
- Water cooled floor standing unit
- Light commercial unit

AIR-SIDE

- Fan Coil Unit
- Modular Air Handling Unit
- Standard Air Handling Unit
- DX Modular Air Handling Unit
- Heat Recovery Air Handling Unit

FAN COIL UNIT

MODULAR AIR-COOLED CHILLER (HEAT PUMP)

MODULAR AIR-COOLED CHILLER (HEAT PUMP)

WATER-COOLED SCREW CHILLER

- Water-cooled Centrifugal Chiller
- Falling-film Centrifugal Chiller
- Water-cooled Flooded Screw Chiller
- Water Source Screw Heat Pump
- Water Source Flooded Screw Chiller
- Modular Water-cooled Chiller (Heat Pump)
- Air-cooled Screw Chiller (Heat Pump)

MODULAR AIR HANDLING UNIT

TICA has been the NO.1 in China Market share for AHU design, manufacture and sales
**TICA Inverter Multi System**

### Developed and designed by Japanese specialist

**TIMS-O-DU**
- High efficiency
- High reliability
- Convenient application
- Widely application range
- AHU kit for option

**TIMS-X**
- Combination modules
  - 8-12HP
  - 14-16HP
  - 18-22HP

**TIMS-S**
- Independent modules
  - 8-12HP
  - 14-16HP
  - 18-22HP
  - 26-32HP

**Mini-VRF**
- All compressor
- Four-layer purification
- Omni-directional noise control
- Intelligent control system

**TIMS-IDU**

### Air-Side Products

#### Ceiling Concealed FCU
- Model: TCR(12Pa / 30 Pa / 50 Pa)
- Air Flow: 200 ~ 1,400 cfm

#### High Pressure Ceiling Concealed FCU
- Model: TFM(0~180 Pa)
- Air Flow: 800 ~ 3,000 cfm

#### Floor Standing FCU
- Model: TC
- Air Flow: 200 ~ 1,400 cfm

#### Cassette FCU
- Model: TKM
- Air Flow: 300 ~ 1,200 cfm

#### DX Modular Air Handling Unit
- Refrigerant: R22/R410A
- Model: TAC-X/TMC-X/TBC-X
- Air Flow: 2500 ~ 37,500 cmh

#### Modular Air Handling Unit
- Model: TAC/TMC/TBC
- Air Flow: 2,000 ~ 280,000 cmh

#### Standard Air Handling Unit
- **Ceiling Type**
- Model: TFD-C
- Air Flow: 1,000 ~ 7,000 cmh

- **Horizontal Type**
- Model: TAD-EH1
- Air Flow: 2,000 ~ 50,000 cmh

- **Vertical Type**
- Model: TAD-DV1
- Air Flow: 2,000 ~ 50,000 cmh

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- High reliability
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- AHU kit for option

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- Air Flow: 2,000 ~ 50,000 cmh
**Chiller Products**

**Air Cooled Screw Chiller (cooling only)**
Model: TASD (R134a)
Capacity: 100-405RT

**Water Cooled Modular Chiller (Cooling Only)**
Model: TWS-MCC4 (R410A)
Capacity:
For single module: 20-60RT
For modular units: 20-480RT

**Water Cooled Flooded Screw Chiller (Cooling Only)**
Model: TWSF-DC1 (R134a)
Capacity: 110 - 510RT

**Water Cooled Centrifugal Chiller (Cooling Only)**
Model: TWCF-ACA/ACK(R134a)
Capacity: 300 - 1650RT

**Air Cooled Mini Chiller (cooling only/Heat Pump)**
Model: TVCA-B/BR(R22/R407c)
Capacity: 3 - 15RT

**Air Cooled Modular Chiller (cooling only/Heat Pump)**
Model: TCA-XH/XHR/HHE/HCA(R410A)
Capacity: 20 - 640RT

**Air Source Heat Pump Water Heater**
Model: TCAH-FC(R410A)
Capacity: 5/10HP

**Rooftop**
Model: TRA(R22/R407c)
Capacity: 9-36HP

**Water Source Heat Pump**
Model: TWW(H410A)
Capacity: 1.0-5.0HP

**Water Cooled Package Floor Standing (R22)**
Model: TPW
Capacity (HP): 5- 65HP

**Water Cooled Modular Chiller**
Model: TWS-MCC4 (R410A)
Capacity:
For single module: 20-60RT
For modular units: 20-480RT
Commercial Unit

Outdoor Units

Ducted Type
Model: TSR
Capacity: 9/12/18/24/30/48/60KBTU/h

Cassette Type
Model: TSK
Capacity: 18/30/48KBTU/h

Indoor Units

Standard Air Cooled Ducted Type AC
Model: TSA50G(R ), TSA75-250J(R )
Cooling Capacity: 12.1-79kW
Heating Capacity: 13.3-83kW

Fresh Air Cooled Ducted Type AC
Model: TSA50G(R ), TSA75-250J(R )
Cooling Capacity: 12.1-79kW
Heating Capacity: 13.3-83kW

Purifying Air Cooled Ducted Type AC
Model: TSA50G(R ), TSA75-250J(R )
Cooling Capacity: 12.1-79kW
Heating Capacity: 13.3-83kW

Air Cooled Cabinet Type AC
Model: TSA100-250J(R )
Cooling Capacity: 25.5-79kW
Heating Capacity: 28.5-83kW

Commercial Unit

Outdoor Units

Clean air ducted split/cassette type unit
Low noise and smooth running
Elegant appearance and advanced design
Comfortable environment by handling PM2.5
Pursuit for Eco (R410A)
Model: TSA
Capacity: 9/12/18/24/30/48/60KBTU/h
**Overseas Project**

- **HardRock Hotel, Penang, Malaysia**
  - Product Range: AHU & FCU
  - Air Flow: 548,665 CMH

- **The Heritage Building, Ministry of Education, Kuala Lumpur, Malaysia**
  - Product Range: Water Source Package
  - Total Capacity: 1,305kW

- **Hongkong Polytechnic University, Hong Kong**
  - Product Range: AHU
  - Air Flow: 200,000 CMH

- **Mass Transit Rail (MTR), Hong Kong**
  - Product Range: AHU
  - Air Flow: 11,340,000 CMH

- **SM Shopping Mall, Dasmarinas, Philippines**
  - Product Range: AHU & FCU
  - Air Flow: 153,330 CMH

- **IMM Mall, Singapore**
  - Product Range: AHU
  - Air Flow: 444,000 CMH

- **Kossan Rubber, Klang, Selangor**
  - Product Range: Water Cooled Scroll Chiller
  - Air Flow: 470 kW

- **Taiping Latexx, Penang, Malaysia**
  - Product Range: FCU
  - Air Flow: 82,430 CMH

- **3C7, Putrajaya, Malaysia**
  - Product Range: FCU & AHU
  - Air Flow: 574,000 CMH

- **3C7, Putrajaya**
  - Product Range: FCU & AHU
  - Air Flow: 153,330 CMH

- **SM City Shopping Mall, Philippines**
  - Product Range: AHU & FCU
  - Air Flow: 588,288 CMH

- **Hotel Ibis Surabaya, Indonesia**
  - Product Range: AHU & FCU
  - Air Flow: 250,960 CMH

- **SM Shopping Mall, Dasmarinas, Philippines**
  - Product Range: AHU & FCU
  - Air Flow: 153,330 CMH

- **Al-Muneera Al-Raha Beach Development, UAE**
  - Product Range: AHU & FCU
  - Air Flow: 4,514,975 CMH

- **TATi UC, Kemaman, Terengganu, Malaysia**
  - Product Range: Air Cooled Scroll Chiller, Water Cooled Screw & AHU
  - Total Capacity: 830 kW

- **SM City Shopping Mall, Philippines**
  - Product Range: AHU & FCU
  - Air Flow: 153,330 CMH

- **Kossan Rubber, Klang, Selangor**
  - Product Range: Water Cooled Scroll Chiller
  - Air Flow: 470 kW

- **3C7, Putrajaya**
  - Product Range: FCU & AHU
  - Total Capacity: 3,301kW
## Overseas Project

**Masjid Wilayah Persekutuan, Kuala Lumpur**
- **Product Range:** Air Cooled Screw Chiller
- **Total Capacity:** 829 kW

**Institut Pengajian Guru Melayu, Kuala Lumpur**
- **Product Range:** Water Cooled Screw Chiller & AHU
- **Total Capacity:** 786 kW

**The Bird Nest Stadium, Beijing, China**
- **Total Capacity:** 8,790 kW
- **Air Flow:** 1,700,000 CMH

**Wuxi Sports Center, Jiangsu, China**
- **Product Range:** AHU & FCU
- **Total Capacity:** 9203 kW
- **Air Flow:** 5203 kW

**Hard Rock Hotel, Batu Ferringhi, Penang**
- **Product Range:** AHU & FCU
- **Total Capacity:** 1929 kW
- **Air Flow:** 1,728,000 CMH

**Shanghai New International Expo Centre, Shanghai, China**
- **Product Range:** AHU
- **Total Capacity:** 1305 kW
- **Air Flow:** 748,000 CMH

**China International Travel Service, Tianjin, China**
- **Product Range:** AHU & FCU
- **Total Capacity:** 4,650 kW
- **Air Flow:** 890,000 CMH

**Nanjing Library, Jiangsu, China**
- **Product Range:** AHU
- **Total Capacity:** 4,650 kW
- **Air Flow:** 900,000 CMH

**Shenzhen University, Guangdong, China**
- **Product Range:** AHU & FCU
- **Total Capacity:** 490 kW
- **Air Flow:** 2,200,000 CMH

## Domestic Project

**Nanjing Sports Center, Jiangsu, China**
- **Product Range:** AHU & FCU
- **Total Capacity:** 786 kW
- **Air Flow:** 900,000 CMH

**Masjid Wilayah Persekutuan, Kuala Lumpur**
- **Product Range:** AHU
- **Total Capacity:** 1929 kW
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