



TIMS

Inverter Multi

TICA Inverter VRF System



TICA Vision

Strive to be the international leading integrated system and service provider in clean environment and utilization of thermal energy

TICA Mission

Persist to maximize the value for customers through innovative technology and provide clean environment in order to improve the quality of life



About TICA

TICA is a hi-tech enterprise specialized in R&D, manufacturing, sales and services of air-conditioning and refrigeration products. Established in 1991, it has developed into one of the top four Chinese air-conditioning brands, with factories in Nanjing, Tianjin and Guangzhou, and a network of over 70 sales and service filiales around the world.

TICA has invested up to RMB 600 million in the first phase to build the top notch central air-conditioning R&D and production base, credited as the state enterprise R&D center. Certified by CNAS, it serves as a national R&D public service platform.

TICA produces over 30 series of products, covering AHUs, VRFs, screw chillers and centrifugal chillers, diverse enough to meet various requirements with regards to comfort and manufacturing processing application.

TICA is a strong competitor in chillers and commercial air conditioning products. It is the largest producer of AHUs in China for five consecutive years and covers over 40% of the market share as the supplier to such industries as micro-electronics, surgery operation room equipment and biopharmaceuticals.



TICA & UTC Global Strategic JV



On October 9, 2015, official signing of the legal JV Agreements with United Technologies Corporation (UTC)

UTC will provide TICA with advanced global leading core technologies, such as cryogenic power system (ORC), centrifugal and screw chiller, to enable TICA's centrifugal technology ahead of its peers for two decades and its ORC technology for three decades. Both parties will integrate the global networks to come up with a new market strength.



Where ingenuity takes off

UTC Aerospace Systems



Pratt & Whitney



The largest supplier of HVAC and refrigeration equipment in the world



The largest supplier and service provider of elevator and escalator in the world

Company Profile

More than 70 branches

5 manufacturing bases

8 factories



Guangzhou Base

Construction area: 60,000 m²



Tianjin Base

Floor area: 40,000 m²

Construction area: 30,000 m²



Nanjing Headquarters

Floor area: 170,000 m²

Construction area: 90,000 m²



Chengdu Base

Construction area: 20,000 m²



Kuala Lumpur Factory

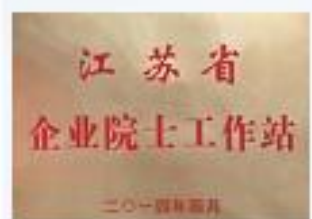
Floor Area: 10,000 m²



Nanjing FUCA Automation
Technology Co., Ltd.

Construction area: 10,000 m²

Honor and Awards



- ★ Individual Product Champion Enterprise Accredited by NMI (Only one in manufacturing sector), with the champion product of air handling unit
- ★ National Green Industry Building. No.001 in China (first one in China)
- ★ First enterprise to achieve the HCFC Phase-out Project in China
- ★ Vice Chairman Member of China Refrigeration and Air-conditioning Industry Association
- ★ Chairman Member of Clean Room Technology Committee, CRAA



- ★ National-Recognized Enterprise Technology Center (Jointly certified by the National Development and Reform Commission, Ministry of Science and Technology, Ministry of Finance, General Administration of Customs, and State Administration of Taxation)
- ★ Enterprise Academician Workstation
- ★ Postdoctoral Programme
- ★ Awarded Nanjing Mayor Quality Prize in 2016
- ★ Jiangsu Manufacturing Outstanding Contribution Award in March 2017 published on a government notice (Smart Manufacturing Enterprise)

First-class manufacturing facilities

China's most advanced VRF line based on Japanese technology

Japan Murata sheet metal fabrication center

Germany Wagner fully automatic spraying line

CombiCut plasma cutting machine;

Self-built central gas/liquid transport zone



Environmental Control Lab



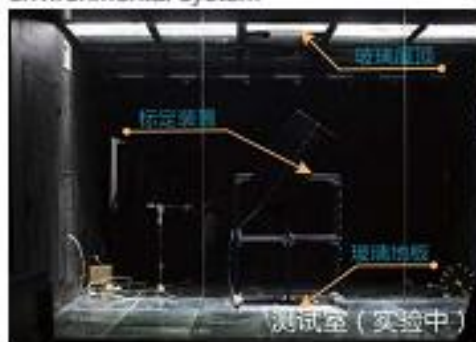
ISO class 1 ultra clean integrated environmental system



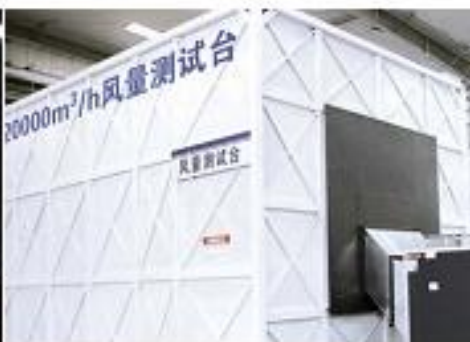
Integrated purification for operating room



Air purification analytical lab



Indoor air flow filed visualization and measurement system



The largest air volume test platform in the industry (120,000 m³/h)



Noise Laboratory

Testing Benches for Central AC



2000RT Water-cooled Chiller Test Lab



350RT Air-cooled Chiller Test Lab



100Hp Long-running reliability lab (water)
150Hp Long-running reliability lab (fluorine)



Highway transportation simulation test platform



Environment simulation lab from -40°C -55°C & snowfall simulation



Raining simulation lab