



REFERENCE PROJECTS

Indonesia Hospital



Who is TICA



Since 1991, TICA has evolved into two core divisions as TICA Climate Solution, a leader in clean air conditioning, and TICA Energy, specializing in green renewable energy. As world-leading system supplier and service provider of intelligent clean environment and sustainable green energy solutions, TICA Fostering a healthier and more comfortable living environments, while pursuing efforts to limit the temperature increase to 1.5 degrees.

Our business covers AHUs, chillers, VRF units, heat pumps and Organic Rankine Cycle (ORC) systems for electricity production from renewable energy (geothermal, biomass, solar) and waste heat resources from industrial processes, gas turbines and engines.



1.8 Billion\$

2023 Revenue



4500+

Global Employee



1100+

Global R&D Engineer



17

Factories



1

Osaka Innovation Center



100+

Global Sales & Service Network



100+

International Patent



200+

Laboratories



87

Countries

Chosen by >



3000+

Electronics factories



5000+

GMP certified
pharmaceutical Factories



7000+

Hospitals

CLEAN AIR SOLUTIONS

Since TICA's groundbreaking invention of the first-generation patented AHU structure, we have steadfastly dedicated ourselves to delivering superior clean air solutions.

The air conditioning system in a comprehensive hospital presents an unparalleled level of complexity compared to other building types, featuring numerous small-sized rooms with diverse functional requirements. TICA possesses an intimate understanding of the essential demands of hospital infrastructures and endeavors to optimize energy efficiency in medical HVAC systems while ensuring a pristine and secure medical environment for both staff and patients.



At present, TICA has triumphantly served over 50 hospitals in Indonesia. Looking ahead, we remain steadfast in leveraging our superior capabilities in the medical sector to safeguard and advance the medical industry further.

RS Pelni

Pelni (abbreviation of pelayaran nasional indonesia, lit. 'Indonesian national shipping') is the national cargo and passenger shipping company of indonesia. Its services network spans across the indonesian archipelago. Mainly serving as connector between bigger cities and to remote islands, pelni plays an important role in the indonesian transport system.

Pelni is one of the few remaining economy-class long-distance passenger ship operators. Most of the world's well-known passenger ship companies have stopped their low-budget passenger services since the 1960s due to shifting trends towards air transport. Pelni's ability to survive is mostly due to monopolies on certain routes and government of indonesia subsidies.

Solutions >

TICA provides overall high-efficiency solutions to achieve high efficiency and energy saving while meeting the production conditions of medical equipment.

Product | 72*VRF+3*Air Cooled Screw Chiller



RSUD Kalideres Hospital

Project introduction: Berdasarkan instruksi Gubernur Provinsi DKI Jakarta untuk pembentukan 15 RSU Daerah di wilayah DKI Jakarta, salah satunya adalah perubahan Puskesmas Daerah Kalideres menjadi RSU Daerah Kalideres pada bulan April 2015.

Gedung baru RSUD Kalideres diremikan pada tanggal 19 Oktober 2023 oleh PJ Gubernur DKI Jakarta Bapak Heru Budi Santoso. Gedung baru RSUD Kalideres terletak di Jalan Bedugul, Daan Mogot Baru, Kalideres, Jakarta Barat.

Solutions >

TICA adopts a self-developed patented labyrinth structure combined air handling unit, which is the first in the industry to pass both AHRI and Eurovent international professional certifications. The inside of the box is flat and seamless, with no dead corners for dust accumulation. At the same time, the water pan adopts a V-shaped professional design to ensure that the condensed water is drained during the operation of the unit without breeding bacteria, which is completely Meet cleanliness and hygiene standards.



Product | 20*AHU



RS Anutapura Palu

Project introduction: The Anutapura Palu General Hospital is owned by the Palu City Government, with Class B status, undergoing 3 (three) organizational structure changes, from the Anutapura Regional General Hospital, then to the Palu City General Hospital and which is used until now is the Anutapura General Hospital Hammer.

Solutions >

TICA provides overall high-efficiency solutions to achieve high efficiency and energy saving while meeting the production conditions of medical equipment.



Product | 72*VRF



RSUD Cianjur-Sky Move CM

Project introduction: Sayang Cianjur Regional General Hospital was founded in 1924. Sayang Cianjur Regional Hospital has a vision of becoming a hospital with more advanced and religious services, with the mission of improving human resources, infrastructure and affordability of services, providing services that meet standards, as well as providing education, training and study.

Solutions >

TICA provides overall high-efficiency solutions to achieve high efficiency and energy saving while meeting the production conditions of medical equipment.



Product | 50*VRF



RS Persahabatan

Project introduction: Non-structural service unit that provides facilities and carries out specialist inpatient and outpatient service activities. Consists of several polyclinics in various medical disciplines, medical support services, diagnostics, especially those related to respiratory health services as the hospital's center of excellence.

Solutions >

TICA provides overall high-efficiency solutions to achieve high efficiency and energy saving while meeting the production conditions of medical equipment.



Product | 60*VRF



PT Medikaloka Hermina Tbk

Project introduction: PT Medikaloka Hermina Tbk, one of the largest private hospital groups in Indonesia, with 47 general hospitals and over 6,600 beds nationwide. Hermina was founded in 1985 as a single maternity hospital with seven inpatient beds. Over the last 38 years, Hermina has grown into the leading hospital group in Indonesia with a presence in 26 cities through a robust mix of organic, green field, and acquisition-driven expansion. Hermina hospitals serve over six million outpatients and 375 thousand inpatient admissions annually, supported by an extensive network of over 4,600 doctors and specialists.

Solutions >

TICA provides overall high-efficiency solutions to achieve high efficiency and energy saving while meeting the production conditions of medical equipment.



Product | 60*VRF



PT Medikaloka Hermina Tbk

Project introduction: The main task of Jember University is to organize higher education and provide education based on Indonesian culture in a scientific manner which includes education, research and community service to develop abilities and improve the quality of life and dignity of Indonesian people in an effort to realize national goals.

Solutions >

TICA provides overall high-efficiency solutions to achieve high efficiency and energy saving while meeting the production conditions of medical equipment.



Product | 60*VRF+20*AHU



Undata

Project introduction: Undata was founded on August 7 1972, located on the coast of Palu Bay, based on the Decree of the Governor of Central Sulawesi Province No. 59/DH.TAP/1972, and was given the name UNDATA which means "Our Medicine". This word also means health services that are preventive, curative and rehabilitative in the community order "Mosangu Mosipakabelo".

At the beginning of its birth, Undata RSU was staffed by 1 specialist doctor, 4 general practitioners with a bed capacity of 90 people and a number of nursing, non-nursing and non-medical staff.

Solutions >

TICA provides overall high-efficiency solutions to achieve high efficiency and energy saving while meeting the production conditions of medical equipment.



Product | 72*VRF



Dr. Cipto Mangunkusumo National Hospital (RSCM)

Project introduction: The history of Dr. Cipto Mangunkusumo National Hospital (RSCM), cannot be separated from the history of the Faculty of Medicine, University of Indonesia, because the development of these two institutions is mutually dependent and complements each other.

In 1896, Dr H. Roll was appointed as head of medical education in Batavia (Jakarta), at that time the Javanese medical laboratory and school were still under the same leadership.

Then in 1910, the Javanese Doctor's School was changed to STOVIA, the forerunner of the Faculty of Medicine, University of Indonesia.

On November 19 1919, CBZ (Centrale Burgelijke Ziekenhuis) was founded, which was united with STOVIA. Since then, the provision of medical education and services has become more advanced and specialist medical service facilities have developed for the wider community.

Solutions >

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 Product | 8*Standard AHU+20*MAHU



Fostering a better life

Limiting the temperature increase to 1.5 °C



Follow the Account of TICA to See More Solutions

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