

—
Success that sparks
Discover our projects around the world



Cooling & Heating



Hotel

Nippondaira Hotel



VRF



Chiller

HITACHI



Watch the video here:

GREEN HOTEL
Nippondaira Hotel is rated within Japan's best class of sustainable building (CASBEE S CLASS).

COMBINATION OF SYSTEMS
Hitachi VRF is combined with Hitachi modular Scroll inverter chiller Matrix.

SIMULTANEOUS COOLING & HEATING
VRF heat recovery system is ideal for guests to set their preferred temperature.

TOTAL CAPACITY: 1,700 HP

Shizuoka, Japan



Cooling & Heating



New build



“Hitachi’s air conditioning system has enabled us to reduce a lot of our energy spending.”

*Noriyoshi Ikegaya
Executive Director of Administration,
Director of Engineering, Nippondaira Hotel*



2012





Hotel

Graduate Palo Alto



VRF

HITACHI



ICONIC HOTEL NEAR THE WORLD-FAMOUS STANFORD CAMPUS

From a complete renovation of a 6-story building built in 1929 into a luxurious 100 guestroom hotel with 2 dining venues. The Graduate Palo Alto Hotel required a cooling and heating system that meets the stringent California energy code Title 24.

HITACHI VRF: A GREAT SOLUTION FOR HOTEL RETROFITS

13 Hitachi heat recovery VRF systems were installed to save energy. 4-way mini and 2-way cassettes complement the exquisite interior of the guestrooms.

TOTAL CAPACITY: 116 tons

Distributed by: [Ascent](#)



Palo Alto, California, USA



2022



Cooling & Heating



Retrofit

“With an Integrated Energy Efficiency Ratio (IEER) of 23.9*, Hitachi VRF meets and exceeds T24 and DOE Efficiency Requirements.”

Brian Chacon, Ascent





Hotel

Spa & Thalassotherapy center at Masseria San Domenico



HITACHI



A 14TH CENTURY HISTORICAL MONUMENT CONVERTED IN A 5-STAR RESORT

Masseria San Domenico offers boutique-style intimacy bound with first class facilities, such as outdoor free-form swimming pool, beach access, two tennis courts, a modern gym and a challenging 18-hole golf course.

FOSSILE-FUEL BOILER AND OUTDATED CHLLLER REPLACED WITH VRF SYSTEM

Energy-efficient heat recovery SET FREE SIGMA system replaces previous cooling and heating equipment at the spa & thalassotherapy center.

FLEXIBLE CONTROLS, CUSTOMIZED COMFORT

Flexible individual room temperature controls, centralized CS-Net Web, as well as Modbus integration to BMS enable the staff and management to ensure the perfect temperature to guests' needs.

TOTAL CAPACITY: 32 HP / 90 Kw

Distributed by: [F.LLI CARPARELLI S.R.L.](#)

Fasano, Italy



2023



Cooling & Heating



Retrofit



@Masseria San Domenico

@Masseria San Domenico

@Masseria San Domenico



Hotel

The Hive hotel



VRF

HITACHI



© The Hive hotel

COMPLETE AC RETROFIT OF 4* HOTEL IN ROME

190 rooms and suites, 1.200 sqm of gym & relaxation area, 2 restaurants conference spaces.

MIX OF TOP-FLOW & SIDE-FLOW VRF

20 Outdoor units: 19x top-flow SET FREE Σ with heat recovery + 1x side-flow. 259 indoor units.

INTEGRATION OF CENTRAL CONTROLS

CS-Net LT + BMS ModBus configuration for guestrooms.

TOTAL CAPACITY: 258 HP

Rome, Italy



Cooling & Heating



Retrofit



© The Hive hotel



© The Hive hotel



2019



Hotel

Higienópolis Hotel



VRF

HITACHI



CITY 4* HOTEL

The hotel has 252 guestrooms. It uses heat pump VRF system and 268 indoor units.

SMOOTH INSTALLATION PROCESS

A transitional installation plan allowed for retrofitting of three floors at a time. This ensured that the hotel could operate normally with minimal disruption for guests.

QUIET OPERATION

RPI-series ducted indoor units deliver quiet comfort at approximately 31 dB(A), dramatically reducing the unacceptable sound levels of the previous system.

TOTAL CAPACITY: 300 HP

Sao Paulo, Brésil



2018



Cooling & Heating



Retrofit

“Since we installed SET FREE Σ, our maintenance and energy costs have significantly reduced.”

*Mr. Marcelo Ribeiro
Hotel Chief of Maintenance*



“Since we installed SET FREE Σ, we have had zero problems and zero complaints. When our guests are satisfied, so are we.”

*Ms. Golda Boruchowski,
Hotel General Manager*





Hotel

Maritim Antonine Hotel & Spa



Chiller



VRF



air-to-water
heat pumps

HITACHI



©Albert Camilleri



©Albert Camilleri

“Hitachi VRF systems were installed in the hotel’s extension in 2018 and they proved to be reliable and energy efficient”.

Mr. Robert Refalo, Titan International Ltd Service Manager

COMPLETE HVAC UPGRADE SAVES ENERGY

Combining retrofit & building extension, the 4* hotel went through a progressive renovation of all the cooling and heating equipment in the hotel.

HEAT PUMP REPLACES FOSSILE FUEL

For domestic hot water, the old building’s oil-fired boiler was replaced by a heat pump system consisting of 9 Yutaki units – making up to 45HP- combined with a 6000L tank.

CHILLER & VRF ENSURE HOTEL’S COMFORT

Previous outdated Hitachi chillers was replaced with 2 more energy-efficient Samurai L heat pump screw chillers. New hotel’s extension was equipped with Hitachi SET FREE SIGMA and 102 indoor units, monitored with CSNET Manager 2.

TOTAL CAPACITY: 120HP (chillers) + 226HP /565kW (VRF)

Contractor: [Titan International Ltd](#)

Mellieha, Malta



2018-2019



Cooling & Heating



Domestic hot water



Retrofit



New build



©Albert Camilleri



©Albert Camilleri



©Albert Camilleri



Lodging

Fulton Theatre Artists Village



VRF

HITACHI



VRF TO SAVE ENERGY
Before: Window-type AC with poor energy performance.

FLEXIBLE & PRECISE CONTROL
VRF system gave the actors the ability to control the temperature in their own living spaces.

SIMULTANEOUS COOLING & HEATING
VRF with Heat Recovery system is being used in the 16 actor apartments in the complex.

TOTAL CAPACITY: 22 tons

Lancaster, PA, USA



Cooling & Heating



Retrofit



2022



Lodging

Seven Seas Condo Resort Jomtien



Mini-splits

HITACHI



ONE OF THE LARGEST THEMED CONDO RESORTS IN THAILAND
8 buildings and 1,520 apartment units.

SINGLE-SPLITS
The developer wanted individual air conditioning, so each apartment buyer will own and manage their air conditioning system.

SLIM UNITS FOR BALCONY
Compact Hitachi outdoor units were well fit for this project to minimize footprint on the balconies.

BIG ORDER CHALLENGE
Over 2,500 systems installation required not only quality products but also smooth logistics and delivery.



Cooling



New build



Pattaya, Thailand



2019



Architect's residence



HITACHI



©ALEEYA.design studio

“Through the simplest form, the most beautiful experience can emerge.”

Archdaily

This beautiful 22,000 sq.ft residence designed by the owner and architect was built across 3 floors, making a peaceful haven in the city.

THE ARCHITECT & OWNER CHOSE SILENT-ICONIC CASSETTES & VRF

To address the humid seaside climate, Set Free Sigma high efficiency series (FSNP) provides reliable cooling all year long. Central Station EZ was installed to operate all the AC units from touchscreen.

TOTAL CAPACITY: 325 kW

Architects: *Aleeya.designs studio*



©ALEEYA.design studio

Karachi, Pakistan



2022



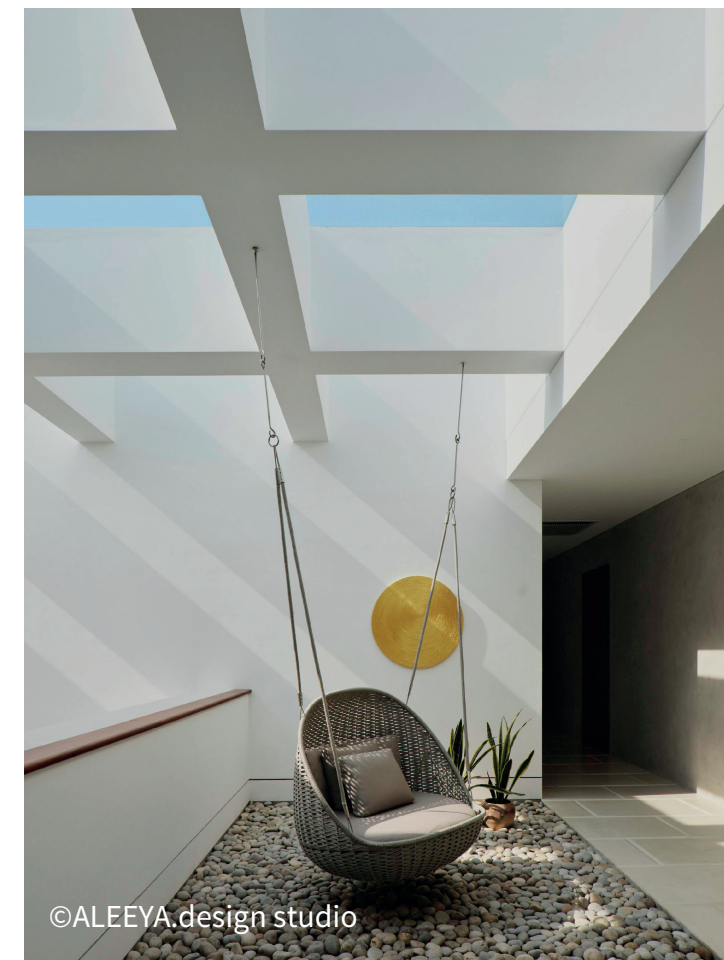
Cooling & Heating



New build



©ALEEYA.design studio



©ALEEYA.design studio



©ALEEYA.design studio

“It had to be Silent-Iconic or nothing. It’s by far the best-looking AC currently available on the market.”

Aleeya Khan, Founder & Principal of ALEEYA.design studio



Restaurant

Cocina Hermanos Torres Restaurant



VRF

HITACHI



3-MICHELIN STAR*
Sergio and Javier Torres are the most famous chef brothers in Spain.

SPECTACULAR OPEN KITCHEN
The kitchens are open and located at the center of a large luxurious room. Dining tables are placed all around for a unique experience.

QUIET & DISCREET AIR CONDITIONING
17 indoor units, mainly invisible ducted type, cool down the room without disturbance for the cooks and clients.

TOTAL CAPACITY: 54HP

**As of Michelin guide in 2022*



Barcelona, Spain

Cooling & Heating



Retrofit



Watch the video here:



“We would recommend Hitachi to other restaurant owners and colleagues”

Sergio and Javier Torres



2018



Five Guys



HITACHI



NEW RESTAURANT OPENING

World-famous burger chain Five Guys chose Hitachi Cooling & Heating to ensure comfort at their third location opening in Australia.

SIDESMART™ MEETS SMALL SPACE CHALLENGE

Our slim modular SideSmart units perfectly fitted in the only and narrow space available at the loading dock.

STYLE & RELIABILITY

Hitachi VRF made a great match to Five Guys' esthetic and safety requirements:

- Silent-Iconic cassette was installed in the open kitchen, blending in with the restaurant's interior design style
- Cloud-based airCloud Pro provides 24/7 remote access to the controls and error notifications
- The Central Station mini was interlocked with the restaurant's fire alarm to improve safety.

TOTAL CAPACITY: 45,8 KW

Contractors: *Climafreeze and GSR*

Distributed by: *Temperzone*

Southbank, Melbourne - Australia



2022



Cooling & Heating



New build





Taco Bell



HITACHI



A NEW RESTAURANT IN A SHOPPING CENTER

This Taco Bell fast food restaurant was opened in 2020 at the first floor of a shopping center.

POWERFUL AIR CONDITIONING FOR EXCELLENCE

The restaurant's kitchen generates significant heat sources. To keep both guests and employees cool, high performance air conditioning system was required.

MULTIZONE VRF LITE SYSTEM

To meet the needs of the restaurant, high-efficiency Utopia IVX Comfort was installed, consisting of 2x outdoor units and 5x indoor units. Indoor ceiling cassettes (4-way and 2-way) deliver a consistent air temperature, as the airflow is directed to all the corners of the venue.

TOTAL CAPACITY: Cooling 41.5KW/heating 48.1KW



Cooling & Heating



Retrofit



Barcelona, Spain



2020



Shop

Dondi Salotti shop



VRF

HITACHI




RETAIL CHAIN

Dondi Salotti is a leading retailer of sofa in Italy.

SILENT-ICONIC FOR STUNNING INTERIOR Hitachi VRF is combined with 10 Silent-Iconic indoor units.

TOTAL CAPACITY: 32 HP


Cooling & Heating


Retrofit



Biella, Italy



2022



Boutique Dioc



HITACHI



AIR CONDITIONING WITH MORE THAN 30 YEARS OF HISTORY
Choosing the Hitachi Cooling & Heating air conditioner, model ON/OFF RAC-2149CH, manufactured in Japan in 1986.

TIMES CHANGE, SO DO NEEDS
Thirty-three years later, the boutique's air-conditioning equipment is renewed.

CLIMATE CONTROL ADAPTED TO THE CUSTOMER'S NEEDS
Inverter model TAKAI 35. Reference RAK-35RXE:
- Refrigerant R32, High Efficiency A++++, Minimum sound level (22dB), Wi-fi, FrostWash self-cleaning technology.

TOTAL CAPACITY: 3.81KW cooling/heating

Madrid, Spain



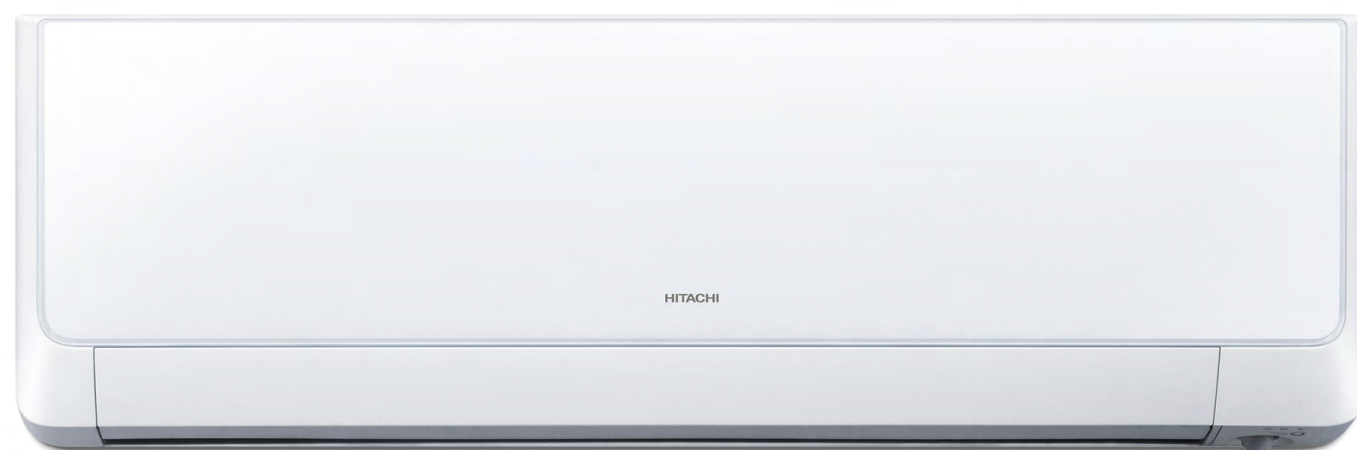
2020



Cooling & Heating



Retrofit





Lamborghini Showroom



HITACHI



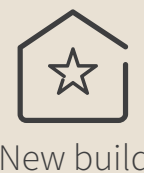
FLAGSHIP SHOWROOM
It's Lamborghini's largest showroom in South-East Asia.

HIGH CEILING CHALLENGE
For this venue with high ceilings and bright glass façade, Hitachi 4-way cassettes can cool spaces even when installed at 4,2m.

TOTAL CAPACITY: 110 HP

Distributed by: [Entrust Intercorp](#)

Bangkok, Thailand



2019



Entertainment

Gran Casino Corralejo



VRF



Ventilation

HITACHI



© Gran Casino Corralejo

SPACE GAIN RETROFIT PROJECT

Before, a water-source chiller was installed indoor. Replacing it with Hitachi VRF enabled to place the outdoor unit outside and gain space and reduce indoor noise.

MINIMAL RETROFIT WORKS

With static pressure up to 220Pa, 5x Hitachi concealed ducted units could easily fit in the existing piping installation.

FRESH AIR AT THE RIGHT TEMPERATURE

4x Hitachi KPI units efficiently adjust the temperature of the incoming fresh air, by recovering heat from the exhaust air.

TOTAL CAPACITY: 140 kW



Cooling & Heating



Retrofit



© Gran Casino Corralejo



© Gran Casino Corralejo

Las Palmas,
Canary Islands, Spain



2021



Entertainment

The Caledonian Club



Chiller

HITACHI



©The Caledonian Club



©The Caledonian Club

CONSIDERED TO BE ONE OF THE FRIENDLIEST CLUBS IN LONDON

Its location and facilities make it an ideal choice for weddings, meetings, and glamorous private functions. The Caledonian Club membership is open to Scots or those with a close association with Scotland community.

HITACHI CHILLER FOR A VERY BUSY BURNS SEASON

Hitachi RCME-60AH2 Samurai air cooled screw chiller was installed in replacement of a problematic chiller to cool down the kitchen areas and function rooms across 4 floors.

COMPACT SIZE & MINIMAL RETROFIT WORKS

- The Samurai chiller was the only 'off the shelf' chiller that would fit into the limited space available on the Club's rooftop.
- The existing air handling units from the previous installation have been retained.

TOTAL CAPACITY: 150KW

Distributed by: Voltix Services LTD



Cooling



Retrofit



©The Caledonian Club

“The positive feedback from our clients and members has been overwhelming, and we couldn't be happier with Hitachi chiller's results”

The Caledonian Club team

London, United Kingdom



2022



Entertainment

Fernwood Botanical Garden: Sims Education Center



HITACHI



©Fernwood Botanical Garden



©Fernwood Botanical Garden



©Fernwood Botanical Garden

A PLACE WHERE PEOPLE, PLANTS, AND NATURE COME TOGETHER

Fernwood offers many possibilities for learning and enrichment, including classes, workshops, lectures, concerts, trips, exhibits, and special events.

Hitachi's VRF System was the perfect solution to provide heating and cooling that is energy efficient, reliable, quiet, and allows for minimal disruption to the design aesthetic of the space for Fernwood Botanical Garden Sims Education Center.

THE BEST SOLUTION TO MEET OUR STAKEHOLDER'S REQUIREMENTS:

- **Low-Ambient Heating** — Provide an HVAC solution that can withstand the extremely cold winter temperatures of the area.
- **Maintain Visual Aesthetics** — Work within the design constraints to allow for maximum viewing.
- **Single-Phase Power** — Utilize existing single-phase power.

TOTAL CAPACITY: 24 tons

Michigan, USA



2018



Cooling & Heating



New build



©Fernwood Botanical Garden



Mixed Use building

LABS Tower Nicosia



VRF



Ventilation



Commercial Split Systems

HITACHI



©LABS Tower Nicosia



©LABS Tower Nicosia



©LABS Tower Nicosia



©LABS Tower Nicosia

SPACES THAT GO BEYOND THE BASICS

LABS Tower offers spaces for coworking, leasing offices, dedicated meeting rooms and versatile event venues to drive productivity and progress in 22 floors of height. Offices, gym, cafeteria and private apartments are all scattered across the building.

40 DEGREES CELSIUS AND ABOVE

Within a Mediterranean weather and a glass surrounded building, an efficient Air Conditioning System was required to deliver high performance, leading to a direct saving in CO2 emissions and low costs.

HITACHI VRF HVAC BENEFITS

Energy Efficiency - Quiet Operation - Heat and Cool Simultaneously - Modern Controls - Less Downtime - Requires Less Space.

The ideal solution for energy efficiency and the answer to the challenge of Commercial and Residential renewable heating technologies.

TOTAL CAPACITY: 384HP

Distributor: [J. K. Vavlitis Ltd](#)

Nicosia, Cyprus



2022



Cooling & Heating



Domestic hot water



New build



©LABS Tower Nicosia

“Hitachi VRF systems were chosen for their relatively small carbon footprint and good performance and very good efficiencies in both heating and cooling”

*Frank Stavrou,
Chief Operating Officer LABS Tower*



Public building

Camden Council



Chiller

HITACHI



© Hufton + Crow for Bennetts Associates



© Hufton + Crow for Bennetts Associates

ONE OF THE GREENEST PUBLIC BUILDINGS IN THE UK

- Achieved BREEAM 'Outstanding' sustainability rating of 97.6% (2016)
- Construction News Awards – Sustainable Project of the Year (2015)
- Prime Minister's Better Public Building Award (2015)

MODULAR CHILLER FOR MORE GRANULAR CONTROL

High efficiency modular screw chiller RCME, 14 units.

TOTAL CAPACITY: 840 HP

Architects: *Bennetts Associates*

London, UK



2014

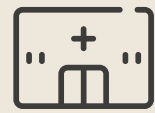


Cooling



New build





Clinic

Health Center (Maison de Santé)



VRF



Mini-splits



air-to-water
heat pumps

HITACHI

Learn more about
this architectural
project on ArchDaily



©Agnes Clotis



Cooling & Heating



Domestic hot water



New build



©Agnes Clotis



©Agnes Clotis

MULTI-DISCIPLINARY HEALTH CENTER

Several health professionals offer consultations in the center, offering a multitude of specialties, from general practitioners to dentists and psychiatrists.

4 MEDICAL CENTERS IN 1

A gallery is the backbone of the facility, anchoring 4 different blocks. The central garden and the use of durable and natural building materials provide a sense of timelessness and authenticity.

COMBINATION OF COOLING & HEATING SYSTEMS FOR ENERGY EFFICIENCY EXCELLENCE

- Small Hitachi VRF Utopia systems with black 4-way mini cassettes deliver cooling and heating to the medical and administration rooms of the building.

- In addition, a small multi-split was installed in the small lodging studio for doctors.

- Low-carbon heating is ensured in the corridors by air-to-water Yutaki heat pumps. Domestic hot water is supplied by low-carbon Yutampo heat pump water heater.

Architects: [6A6](#)

Jarnac, France



2019



Pharmacy

Pharmacy Dei Viali



VRF

HITACHI



CRITICAL 24/7 TEMPERATURE CONTROL

Pharmacies require precise thermal control, not only for customer and staff comfort but to preserve product integrity. When certain medications are exposed to high temperatures they can degrade.

SILENT-ICONIC FOR BETTER INTERIOR

2x award-winning Silent-Iconic cassette panels were installed in the walk-in space. 2 other ducted units are installed in the staff-only areas. Utopia Prime outdoor units efficiently cool and heat the pharmacy.

TOTAL CAPACITY: 12 HP

Catania, Sicily, Italy



Cooling



Retrofit



2021



Kensington International Kindergarten



HITACHI



AWARD-WINNING INTERNATIONAL KINDERGARTEN
designed to help develop young children with a British-style education, the school was recognized as Best international nursery of 2019 by the National Day Nurseries Association (NDNA).

FREE FORM ARCHITECTURE CONCEPT
Like an oasis in the urban jungle, the building consists of a large oval structure built around a green playground, connecting every room with nature.

HITACHI VRF SYSTEM TO KEEP THE KIDS COOL
With summer peaks reaching 43°C/109°F, building cooling is a must for children's safety. 5x SET FREE SIGMA system (cooling only) was installed on the roof, combined with a total of 81 indoor -ducted type and wall-mounted-units. A Central Station EX monitors all the air conditioning equipment.

TOTAL CAPACITY: 190 ton (2,293,000BTU/Hr)

Distributed by : [ENTRUST INTERCORP CO.,LTD](#)



Bangkok, Thailand



2020



Cooling



New build



Learn more about this architectural project on ArchDaily





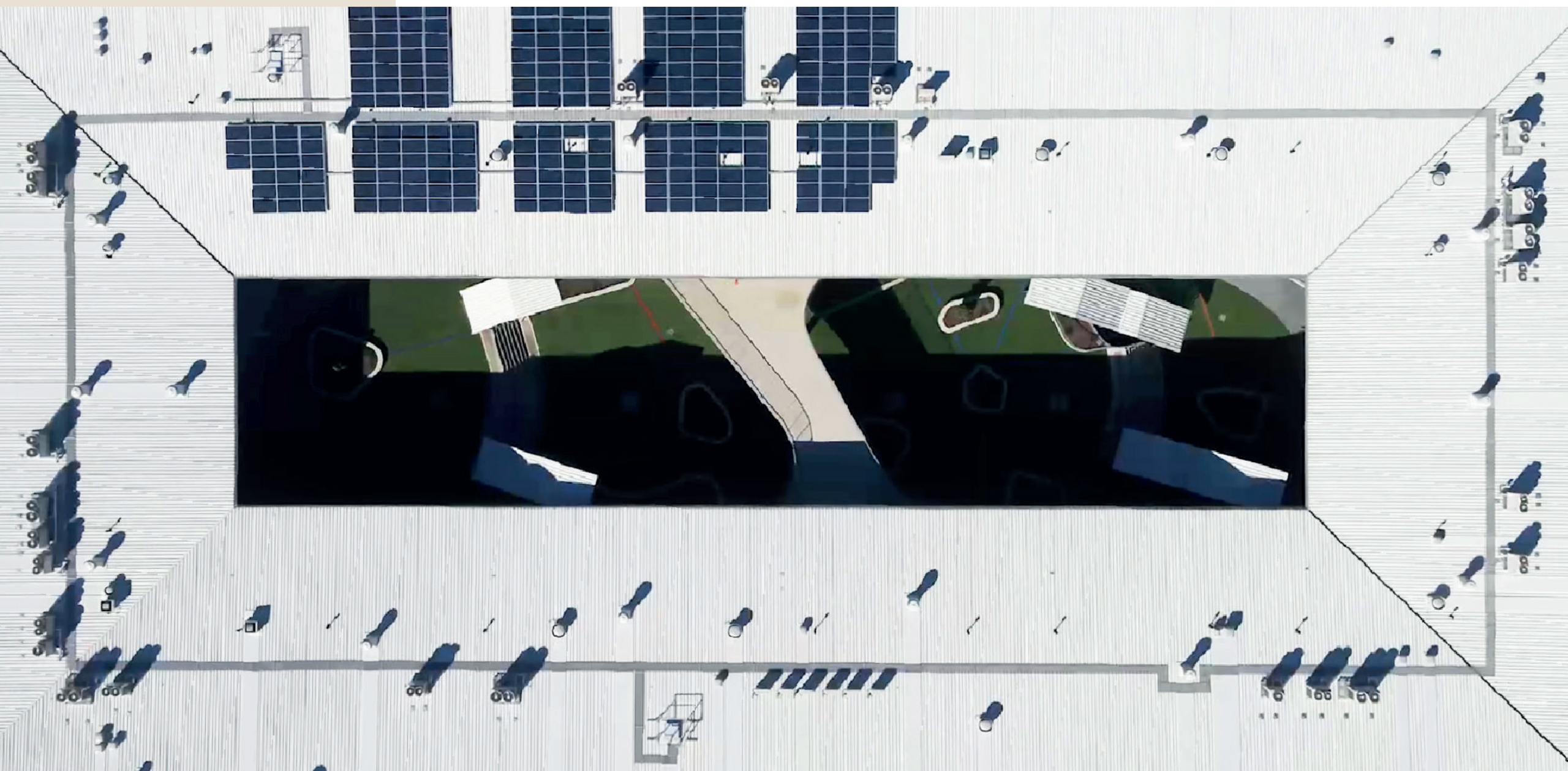
School

North Kellyville Public School

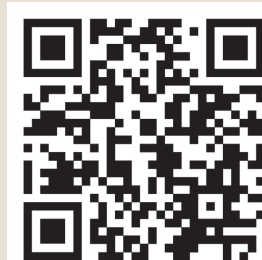


VRF

HITACHI



Watch the video here:



A PURPOSE-BUILT LEARNING ENVIROMENT

North Kellyville Public School provides 40 brand new classrooms and learning spaces.

QUALIFIED FOR 'COOLER CLASSROOMS' PROGRAM

A local government initiative to subsidize complete reverse HVAC systems to local schools subjected to hot temperatures, ensuring a comfortable and healthy learning environment for students.

HITACHI VRF'S COMBINATION OF QUALITY

A total of 24 Hitachi Set Free Σ (Sigma) modular top-flow VRF units were designed, installed and commissioned to cool and heat all classrooms.

TOTAL CAPACITY: Cooling 1,359kW / Heating 1,536kW

Distributor: [Temperzone](#)

Contractor / Installer: [Fredon](#)

Sydney, Australia



2019



Cooling & Heating

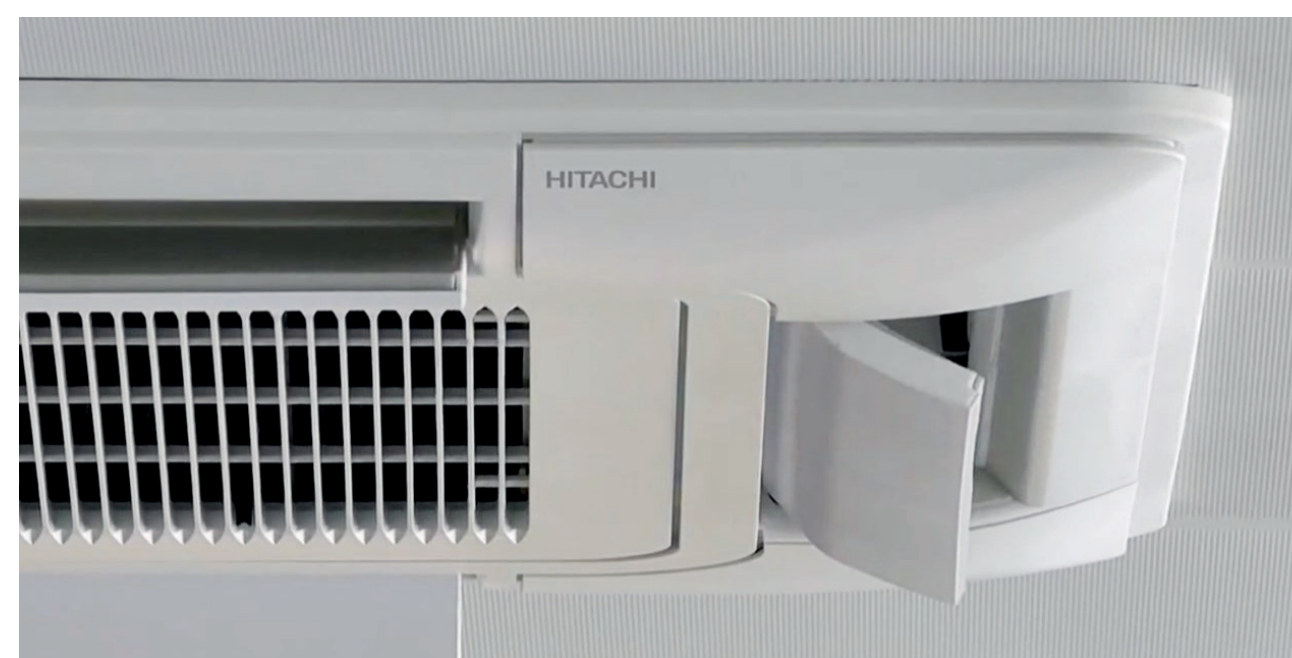


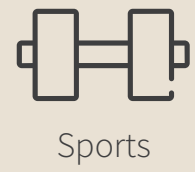
New build



"Hitachi VRF's combination of quality, technology and technical support made it the perfect choice for this project."

Jay Smith (Fredon Air)





James C. Kennedy Fitness Center at Emory Saint Joseph's Hospital



HITACHI



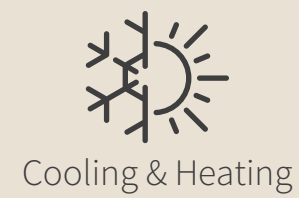
A PLACE WHERE HOSPITAL'S EMPLOYEES CAN RELAX & EXERCISE
Emory Saint Joseph's Hospital transformed the entire first floor of its medical center into an advanced fitness facility that required cooling and heating solution.

HEAT RECOVERY VRF PROVIDES ENERGY SAVINGS, RELIABILITY, AND COMFORT

The operating range of the Hitachi VRF system makes it a suitable choice to the local seasonal climate. Its high reputation and high energy efficiency made it a preferred choice, along with low noise requirements.

TOTAL CAPACITY: 12 tons

Atlanta, Georgia, USA



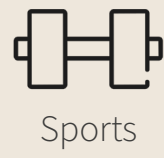
Cooling & Heating



Retrofit



2018



Synergym fitness center



HITACHI



OPTING FOR ULTIMATE ENERGY EFFICIENCY

Budget-friendly fitness center Synergym opted for super efficient Hitachi VRF solution to heat and cool their gym, saving energy costs and free of fossil fuels.

SPACE-SAVING COMBINATION OF CENTRIFUGAL & TOP-FLOW VRF

With limited space available on the rooftop, heat recovery SET FREE SIGMA (high efficiency series) was installed for simultaneous cooling & heating. Taking advantage of dropped ceiling at the gym's venue, additional 2 centrifugal VRF units were fitted inside.

INDIVIDUAL ZONE COMFORT

The AC operation can be customized in each room, based on occupancy levels. It's particularly ideal for gyms as the fitness hall usually requires more powerful cooling than other rooms in the venue.

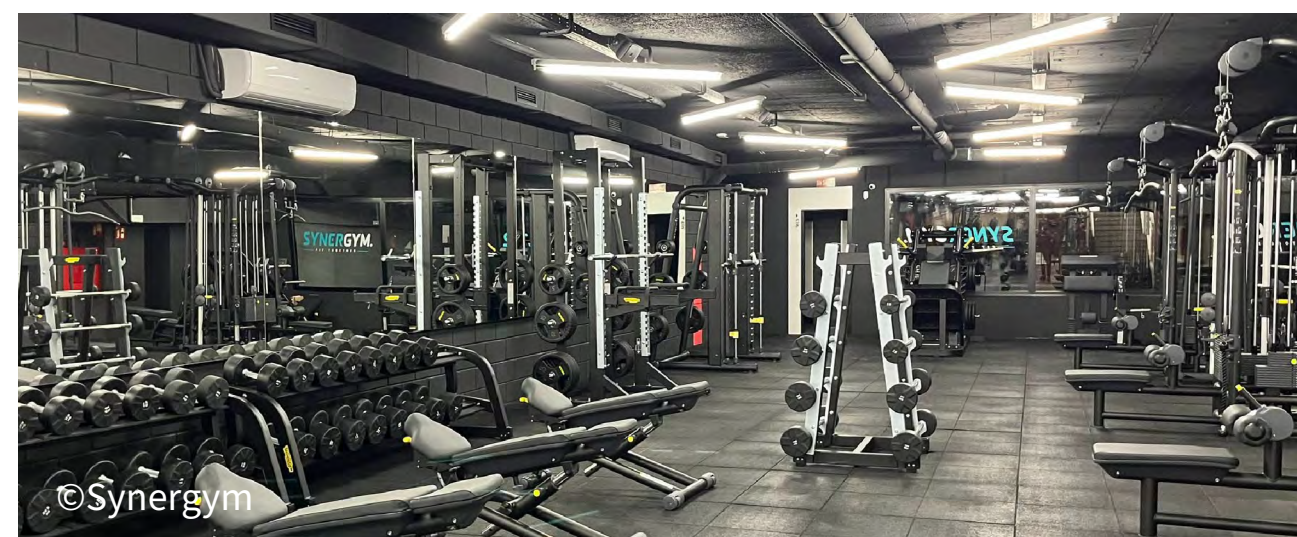
TOTAL CAPACITY: 34HP



Cooling & Heating



Retrofit

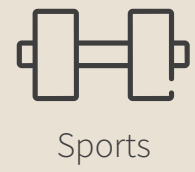


Logroño, Spain



2019





Al-Madina International Stadium



HITACHI



IRAQ'S FIRST SOLAR STADIUM

The stadium has 32,000 seat capacity. Solar PV panels are installed all over the roof for renewable energy production and consumption.

VRF SPECIAL FOR HIGH-AMBIENT TEMPERATURES

The Hitachi VRF system installed is designed for T3 climate class conditions, with cooling operation at up to 54°C.

TOTAL CAPACITY: 556 HP

Distributed by: Al Daim Group

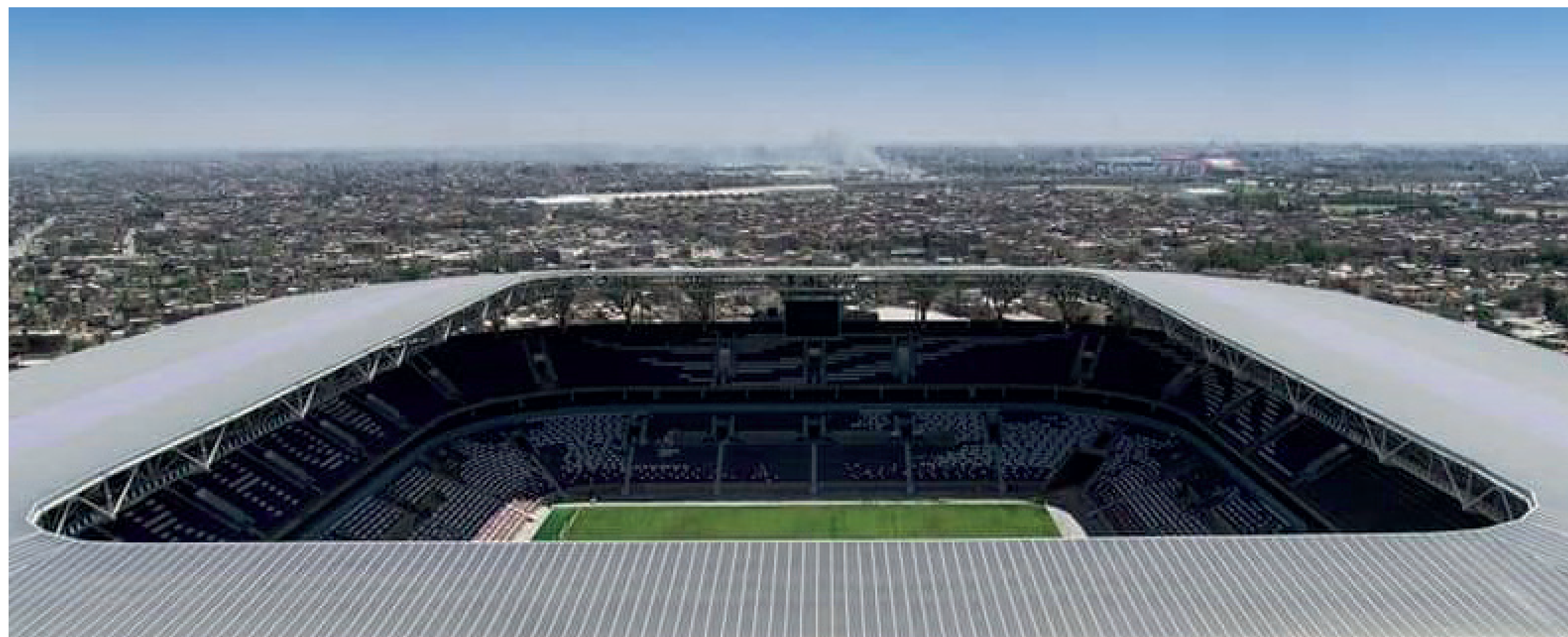
Sadr, Iraq



Cooling



New build



2019