

Power your hotel with Hitachi, foresee a comfortable, safe, and sustainable future

The hotel industry is navigating a dynamic and challenging landscape where HVAC systems play a critical role in addressing new challenges. Hotels must adapt to meet the needs of diverse customer profiles while managing reduced staffing levels, rising energy costs, and ambitious sustainability goals. Furthermore, optimizing indoor air quality (IAQ) has become paramount to ensuring guest comfort and safety, underscoring the importance of advanced **HVAC solutions**.

Cooling & Heating



Hitachi Cooling & Heating HVAC solutions for the hotel industry provide a comprehensive range of air conditioning options, whether for new builds or refurbishment projects. With Hitachi’s 3R framework—right temperature, right feeling, and right purity—we deliver flexibility, sustainable growth, and enhanced health and well-being. Backed by deep industry expertise and end-to-end capabilities, we are a trusted partner for hotel industry leaders.

Our Product Portfolio

We offer a diverse range of HVAC solutions for the hospitality industry, delivering flexible options for spaces throughout the hotel.

1. VRF | a flexible solution for spaces throughout the hotel

VRF systems, with their modular design and our wide variety of types, provide excellent flexibility for hotels. Consider Hitachi VRF solutions as a way to reduce future energy bills through built-in efficiency and intelligent solutions that proactively lowers power consumption and maintenance costs. Whether guests are visiting for relaxation, a business trip, or an extended stay, hotels are expected to offer a comfortable environment and also prioritize the health and well-being of guests.



Guest Rooms



Kitchens



Restaurants, Bars, & Lounges



Gyms & Spas



Lobbies



Meeting Rooms



Mid-sized Banqueting Spaces



air365 Max



SET FREE Sigma



air365 SideSmart



SET FREE mini

Top Flow VRF features best-in-class efficiency, large capacity, and intelligent controls, making them the ideal solutions for almost everywhere in hotels.

- air365 Max Heat Pump, max 112HP, EER max 5.50
- air365 Max Cooling only, max120HP, EER max 5.40
- SET FREE Sigma Heat Pump, max 96HP, EER max 4.50
- SET FREE Sigma Cooling only, max 96HP, EER max 4.50

air365 SideSmart, the world’s first slim modular VRF unit, solves the challenge of meeting space and capacity requirements.

- Single-cabinet: capacities range from 8 to 18 HP
- Combined capacities up to 72 HP, EER max 4.51

Our SET FREE mini side flow heat pump VRF connects up to 8 indoor units.

- Capacities ranging from 3 to 12 HP, EER max of 4.00.



Ducted



Cassette



Silent Iconic



Ceiling Suspended



High Wall

2. Single split system | a cost-effective solution for independently operated areas or separate building

The single split system is ideal for situations where installing multi-room VRF pipework or ducts is not possible or necessary. This includes isolated spaces, independently operated areas of hotels, or refurbishments and retrofits where the use of a space is changing post-pandemic. Many hotels are redesigning spaces to attract guests. The single split system offers a lower up-front investment than a VRF system while still delivering reliable performance and operational energy efficiency.



Independent Shops
& Cafes



Isolated Places



Refurbs & Retrofits



Server/Equipment
Room



Primairy

- Inverter or fixed-speed outdoor units,
- Refrigerants options: R410a and R32
- Cooling-only and heat pump
- Capacity Ranges from 2HP up to 6.5HP
- Indoor units: Cassette, ducted, and floor/ceiling convertible



Takumi

- air cooled ducted split system R410A refrigerant
- Start from 4HP
- Part load operations



RP Series

- Water-cooled single split system
- Refrigerants options: R407C and R134a
- Start from 5HP to 40HP
- Free Blow and Duct Connection



RUA Series

- Self-contained packaged air conditioner
- R410A Refrigerant
- Start from 4HP to 30HP

3. Chillers | reliable & efficient solution for large spaces

Our wide range of chiller types offers flexibility in scaling capacity up or down as hotel usage requirements change, with space-saving designs and adaptable water temperature parameters to optimize efficiency under both high and low loads. The operating costs of a chiller in a hotel can be up to 10 times the initial cost of the equipment, so accurately meeting the required cooling or heating load can lead to significant energy savings over the unit's lifetime.



Centrifugal Chiller

- Standard CSD.VSD S Series (GXG/GFG)
- Cooling Capacity: 300-3000RT
- Refrigerant: R134a, R513A, R1234ze
- Direct drive inverter VG Series (M/D)
- Cooling Capacity: 300~1100RT
- Refrigerant: R134a, R513A, R1234ze
- Magnetic Bearing inverter VM Series
- Cooling Capacity: 200~1100RT
- Refrigerant: R134a, R513A, R1234ze



Water-cooled screw chiller

- Inverter screw chiller WVY Series
- Cooling Capacity: 155~520RT
- Refrigerant: R134a, R513A
- Standard/high-efficiency WZ(P)Y Series
- Cooling Capacity: 50-520RT
- Refrigerant: R134a, R513A



Air-cooled screw chiller

- AZ(P)Y1 Series
- Cooling Capacity: 45-456RT
- Refrigerant: R134a
- AZ(P)Y2 Series
- Cooling Capacity: 150~600RT
- Refrigerant: R134a, R513A
- VSD AVPY series (Tech Mat WIP)
- Cooling Capacity: 150~570RT
- Refrigerant: R134a



Air-cooled modular chiller

- AVMY/AVSY/AVEY Series
- Cooling Capacity range: 65/130/150kw
- Refrigerant: R410A



AHU - Airside Product

- Fan coil unit HFP series
- Airflow Range 170~2380 m²h
- Air Handling Units
- Airflow Range 1500~13000 m²h



The Benefits of Hitachi Cooling and Heating hospitality solutions



Flexibility

Integrate HVAC seamlessly into building plans or refurbishments with flexible solutions that can adapt to changing needs.



Sustainable Growth

Whether new build or a refurbishment, reduce energy costs, simplify maintenance and meet your sustainability goals.



Health & Well-being

Creating safe, comfortable and relaxing spaces for guests with Hitachi's 3R framework – right temperature, right feeling, and right purity.



PT Johnson Controls Hitachi Air Conditioning Indonesia
Intiland Tower, 11th Floor, Jl. Jend. Surdiman No. Kav. 32,
Karet Tengsin, Tanah Abang, Jakarta Pusat, 10220,
Indonesia.

Email

JCH-IDN-SUPPORT@JCI-HITACHI.COM

GENERAL HOTLINE

+62 21-39520400

hitachiaircon.com/id/en



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