



# Hotel solutions

for hotel owners

Heating - air conditioning - hot water - ventilation - refrigeration - control

# Your objective: hospitality, economy, reliability

It is essential that you offer your guests the best level of comfort all year round.

You also need to reduce energy consumption, manage energy costs and have confidence in the reliability of your systems. As an industry leader, Daikin combines broad experience, technical innovation and responsive customer service to help you meet all your objectives!

The unique customized VRV system that was integrated into the Posthotel offers an ideal combination of energy-efficient technologies and optimal user comfort.

Boutique hotel 1898 The Post



# Why choose Daikin?

Optimising energy use and operating costs must also go hand in hand with your objectives for reliability and comfort. That's why Daikin's offer is designed to give you all of that.

## Top comfort for your guests

We know that you put your customers first. Daikin helps you ensure that every guest enjoys perfect comfort with an easy-to-use, quiet system.

- ✓ Low sound indoor units (19 dBA)
- ✓ Unnoticed, draft-free cooling and heating
- ✓ User-friendly individual control
- ✓ Hot water up to 80°C
- ✓ Highest indoor air quality is guaranteed
- ✓ Integration within the hotel software ensures that the room is at the right temperature before guest enters

## Reliability

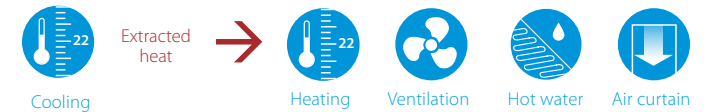
- ✓ Responsive customer service
- ✓ Replacement technology: Specially developed replacement technology for refurbishments
- ✓ Automatic filter cleaning prevents maintenance issues and blocked filters

## Reduce and manage your energy use

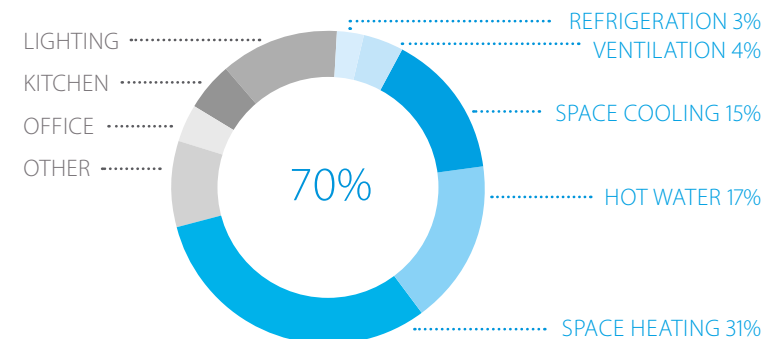
Until now most hotels have operated individual systems for cooling, heating, hot water and ventilation. This can waste a lot of energy. Thanks to Daikin's sophisticated heat recovery systems, you save energy and money.

- ✓ Free heating and hot water through heat recovery
- ✓ Manage all your HVAC-R & third party equipment via touchscreen from one central location or even remotely
- ✓ Intelligent hotel room controllers interlock with key cards and window contacts to optimize energy efficiency when guests leave their room or open a window
- ✓ Operate one integrated system instead of separate systems and save on your running costs with a single point of contact
- ✓ Inverter technology and Variable Refrigerant temperature constantly adjust the operation of the system for the highest seasonal efficiency and top comfort
- ✓ Get the best support to build your sustainable building with BREEAM certificate

## VRV heat recovery system



## One integrated system managing 70% of your energy bill



# The right climate control solution

for every area of your hotel

From the reception desk to guest rooms, including kitchens and utility rooms, every space in your hotel has special needs in terms of heating, air conditioning, ventilation, domestic hot water, etc.

Daikin offers you a global solution suited to all these needs, entirely managed by a centralised control system with a single point of contact.

## Guest rooms



Maximum guest comfort while keeping control of energy use

- Each guest can individually choose their cooling or heating, within set limits
- Hot water up to 80°C produced with renewable energy
- Quiet indoor units provide for a good night's rest while our unique automatic filter cleaning ensures high quality fresh indoor air

Auto cleaning filter



Wall mounted unit



Concealed ceiling unit



Easy to use sleek controller

- ⊕ Intuitive remote control with built-in connection to key card or window contact saving energy.
- ⊕ A wide choice of indoor units that can be used concealed, wall-mounted, etc.

## Kitchen



Comprehensive control and monitoring of air conditioning, heating, hot water and refrigeration

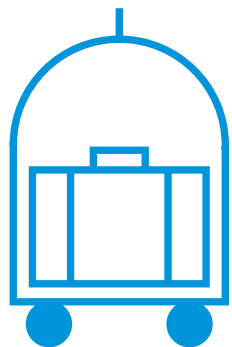
- ⊕ Heat is recovered from refrigerated display cases and cold chambers to boost heating in other areas.
- ⊕ Dedicated inverter refrigeration solutions.

## Domestic hot water



Produce large amounts of hot water independently up to 80°C

- ⊕ High efficient hot water production with renewable energy.
- ⊕ Possibility to connect to thermal solar collectors.
- ⊕ Save up to 17% compared to gas boiler systems.





Heating



Cooling



Ventilation



Air  
Curtain



Hot water



Centralised  
control



Refrigeration



### Hotel entrance



Provide your customer with a sense of maximum comfort from the moment they enter

- ⊕ Air curtains allow doors to be opened without energy loss, while maintaining a high comfort level.
- ⊕ Underfloor heating for even temperature distribution in high ceiling areas.
- ⊕ CO<sub>2</sub> sensors prevent energy loss through over ventilation, while at peak moments enough fresh air is supplied.

### Central control



The key to keep control over you energy costs and ensure customer comfort

- ⊕ Integration with hotel booking software, starting air conditioning when guest checks in.
- ⊕ Smart energy management tools continuously optimize your building efficiency.
- ⊕ Monitor all Daikin and third party equipment from one central location and even remotely.



### Banquet halls/Restaurant/Meeting room



Large spaces that require both an ideal temperature and supply of fresh air

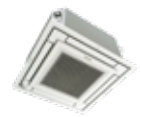
- ⊕ Air handling units combine fresh air, heating and air conditioning in one system.
- ⊕ Wide range of cassette, concealed ceiling and floor standing units to fit the room layout.
- ⊕ Easy-to-set schedules and central control for most efficiency operation.



Air handling unit



Concealed  
ceiling unit



Fully flat cassette

# The power of... the auto-cleaning panel for concealed ceiling units

## 20% energy savings

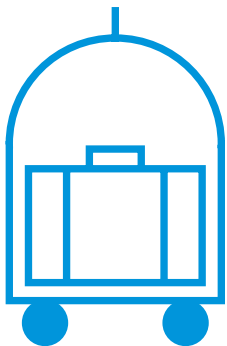
- › Reduces operating costs because the filter is always clean
- › No more dirty ceilings thanks to automatic filter cleaning

## Improved air quality

- › Continuous and optimal air flow prevents draughts and noise
- › Always clean and healthy air because there is no dust accumulation on and around the filter

## Lower operating costs

- › The dust can easily be removed with a vacuum cleaner when the dust box is full
- › This means it can be done by cleaning staff



## How does it work?

- › Filter cleaning takes place automatically according to a timer set using the remote control
- › The dust is collected in a dust box inside the unit
- › When the box is full, the dust can easily be removed with a vacuum cleaner via an extraction point mounted in the suspended ceiling

Unique!



Take a look at the video at:  
[www.youtube.com/DaikinEurope](https://www.youtube.com/DaikinEurope)



YouTube

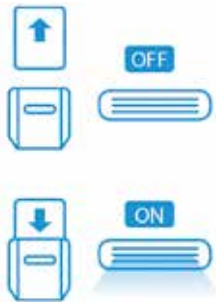


For more information on Daikin energy-saving total solutions for hotel owners, visit our website:  
[https://www.daikin.eu/en\\_us/solutions/hotel.html](https://www.daikin.eu/en_us/solutions/hotel.html)

# Hotel Van der Valk Mons

Run as a family business, Van der Valk is the largest Dutch international hospitality chain, operating nearly 100 hotels. One of their key strategies is to offer 4-star comfort at 3-star prices.

## Energy saving key card connection



For more information, go to [https://www.daikin.eu/en\\_us/solutions/hotel.html](https://www.daikin.eu/en_us/solutions/hotel.html)

### Why Daikin?

"The expectation was in line with Van der Valk's overall strategy. We obtained Green Key certification by using triple glazing, LED lights and efficient heating, cooling, ventilation and hot water production. Daikin is a good and appropriate partner because we have a single supplier for all air conditioning systems and maintenance, including the operation and monitoring of all systems. With Daikin's total solution, we keep energy consumption low and provide optimal and reliable comfort for our guests, visitors and employees."

Mathieu Wohrmann  
Manager, Van der Valk hotel, Mons

### Total solution

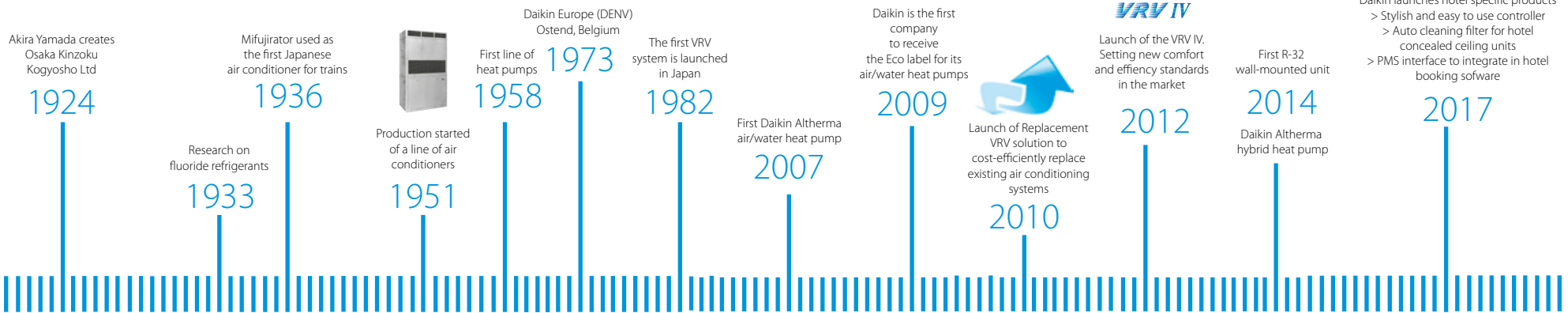
- > Water-cooled VRV system in heat recovery version provides the cooling/heating of the duct units (hotel rooms and adjoining areas)
- > Heat pumps and hot water tanks for heating and hot water production
- > Plug & play air handling unit for ventilation
- > ZEAS condensing unit for cooling and freezing applications
- > User-friendly energy-saving operation with key card integration and individual (zone) control
- > i-Net monitoring service to monitor the VRV system
- > Service agreement for the maintenance of all air conditioning systems



# Daikin means comfortable temperatures above all

For nearly 90 years Daikin has focused on improving heating and cooling in the industrial, tertiary and residential sectors. It's why we offer the most outstanding innovations in the field. Exclusively in this market, all product

components are manufactured at our own quality-certified plants. This includes the compressors at the core of our machines and even the refrigerant, of which Daikin is the world's second largest producer.



## Daikin leads the way

### A partner of choice

The perfect working environment is essential for all businesses. - but no space is used in exactly the same way and that calls for flexible, tailored and economic solutions.

Daikin, Europe's leading manufacturer and global N° 1 in HVAC-R equipment, understands this and our 'total solution' concept is built around customized solutions for individual clients.

Whether air conditioning, heating, ventilation, air curtains, hot water, refrigeration or controls, Daikin has the units, the experience and the solutions for you.

### Daikin quality

Daikin's much envied quality quite simply stems from the close attention paid to design, production and testing as well as aftersales support. To this end, every component is carefully selected and rigorously tested to verify its contribution to product quality and reliability.

### Staff who understand you

Daikin and its staff of devoted analysts are ready to assist you on a daily basis in setting up nationwide or international agreements, providing advice on equipment selection and monitoring regulations. Our goal is to help you carry out your plans with confidence, using custom-designed systems that meet your needs (for comfort, performance levels, etc.).



"I am satisfied with the service that Daikin provides to us. The remote and predictive maintenance system i-Net gives me peace of mind by knowing that there is always 'someone' watching my installation"

Germán Romero Avilés

Facility Manager at Porta Fira Santos Hotel

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