

# intelligent Tablet Controller



Advanced centralised controller with cloud connection

# Effective control strategies



intelligent Tablet Controller  
controls the indoor climate,  
zone by zone



Retail premises are intense consumers of energy. They often have different zones, which have separate heating, cooling, lighting and refrigeration needs. In addition, they require fire and security systems for the premises as a whole. Our intelligent Tablet Controller offers you the solution to control all of them from one central point or in the cloud.

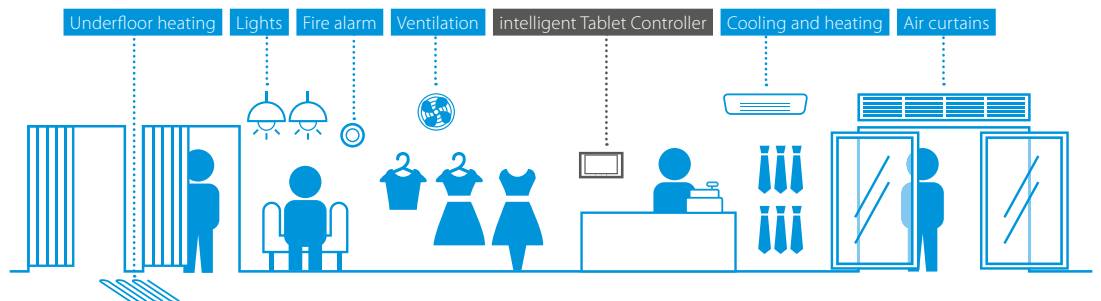
### Specialised solutions

Variable occupancy during opening hours and different heating and cooling needs during the year mean that retail or bank premises require highly specialised management solutions.

### Zone by zone control at multiple sites

Daikin's intelligent Tablet Controller, its retail or small commercial management system, offers a total solution with zone by zone control of the climate and other building services. It maximises efficiency and reduces energy consumption and carbon emissions, while maintaining excellent levels of comfort. Furthermore, the intelligent Tablet Controller can be used to control premises on multiple sites.

### Total solution controlled from one central point



### Zoning

#### Stockroom

Reduce energy costs for non-comfort areas by setting a different, wider temperature band

#### Changing rooms

Custom settings to provide a warmer zone for changing rooms for maximum customer comfort

#### Kitchen

Individual control by the staff

#### Retail zone

Timer sets pre-trade, trade and post-trade conditions





Why choose Daikin

# intelligent Tablet Controller?

## User-friendly, intuitive control

- ✓ The intuitive touch screen makes the system very user-friendly
- ✓ Ensures optimum customer comfort and energy efficiency by limiting the staff's ability to change settings

## Remote control and multi-site monitoring for facility managers

- ✓ As an owner, you can be relaxed in knowing that you can control and monitor your premises whenever you want, wherever you are
- ✓ Key account/technical managers have the convenience of a single, centralised controller for controlling and monitoring all their premises
- ✓ Installers/facility managers can check any errors remotely without having to worry about going to the premises

## Energy consumption follow-up and benchmarking

- ✓ You can spot and reduce energy waste by comparing different premises
- ✓ Complies with energy follow-up legislation, reducing tax and investment costs

## Comfortable, cost-effective control

- ✓ The system schedules can be set to take account of different requirements at different times of day, namely pre-trade (before opening hours), opening hours and post-trade (after closing time). They ensure that only the essential lights, heating or cooling are functioning when required
- ✓ The system ensures maximum comfort during opening hours as your premises can be split into different zones, each with its own tailored climate
- ✓ Cost-effective as only one plug and play control is needed for the whole building



## User-friendly control



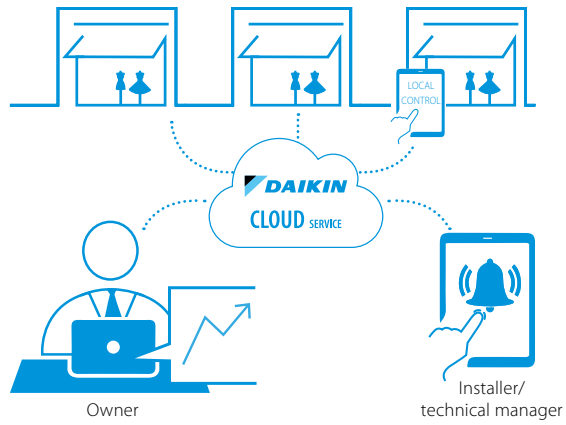
Icon view



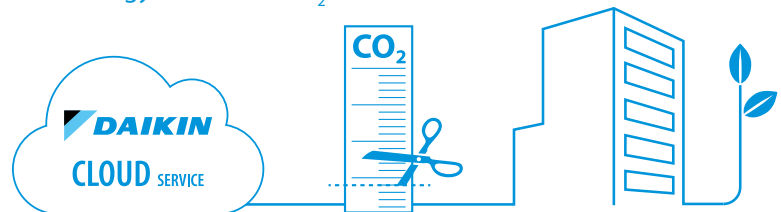
Detailed list view

## Multi site monitoring

From one to  $\infty$  sites



## Save energy and lower CO<sub>2</sub> emissions



# Flexible and secure management

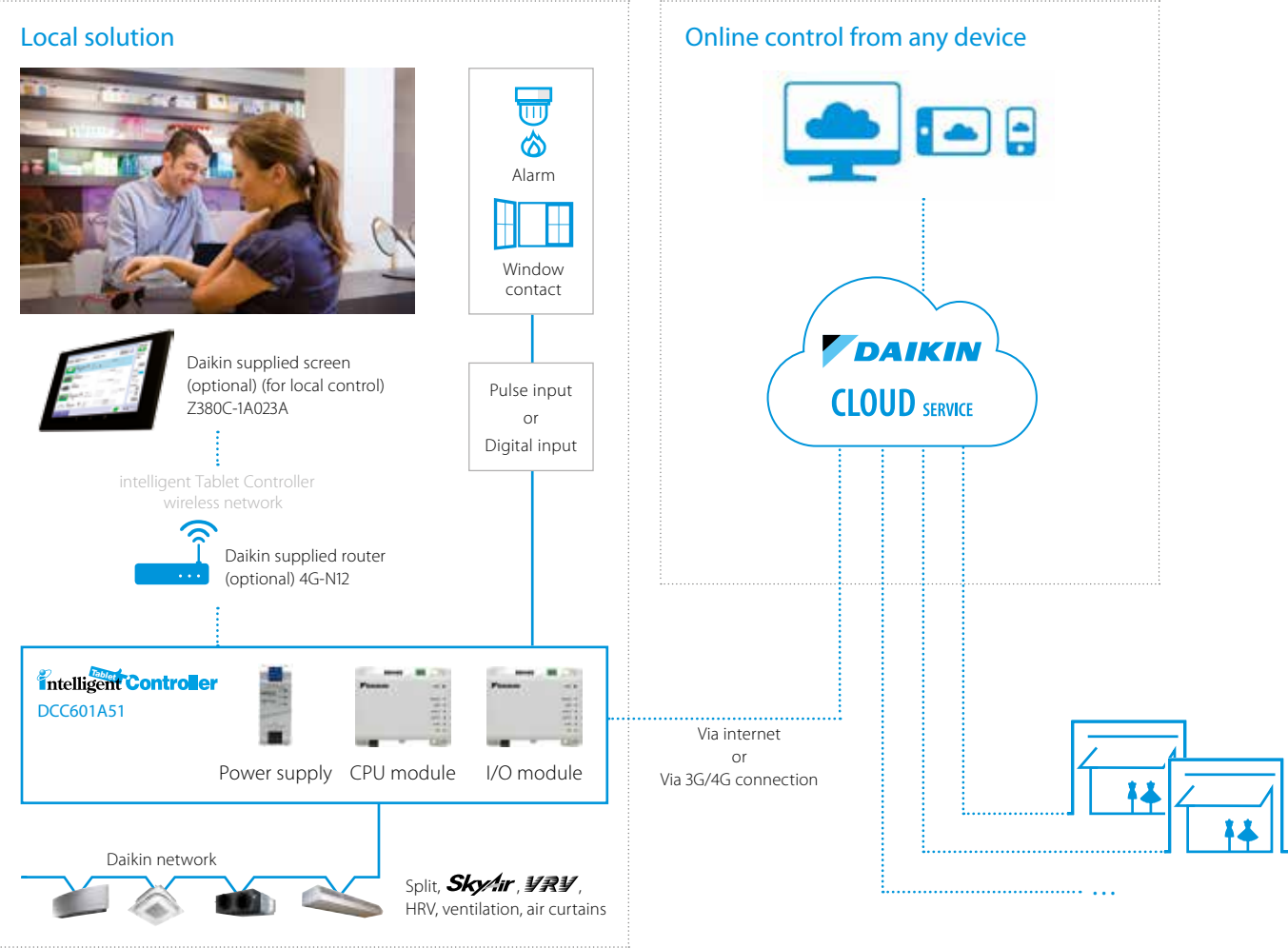
## Flexible

Manage your premises according to your needs. Via a local easy to use touch screen control or remote via the Daikin Cloud Service or a combination of both.

## Extra secure

The Daikin intelligent Tablet Controller uses a secured communication (polling mechanism) to manage and control the building. This is highly secure, protecting your company's network. In case needed the intelligent Tablet Controller can even work outside your company's network via the Daikin supplied 3G/4G router.

## System layout



# Daikin Cloud Service

## Grows with your business

The Daikin Cloud Service has been designed to make building monitoring and management even easier, especially for smaller commercial premises. Not only can you control your system from anywhere you are, the Daikin Cloud Service allows to grow your control system with your business growth. Just add new functionalities or premises when needed.

## Reduce your cost per square metre

- ✓ Detect sources of energy waste and reduce energy use
- ✓ Compare different sites to find heavy energy users and optimise their operation
- ✓ Central control of all devices eliminates any risk of simultaneous heating and cooling in situations where a separate heating device is installed
- ✓ Complies with energy follow-up legislation, reducing tax and investment costs





## Applications

# Flexibility for different premises

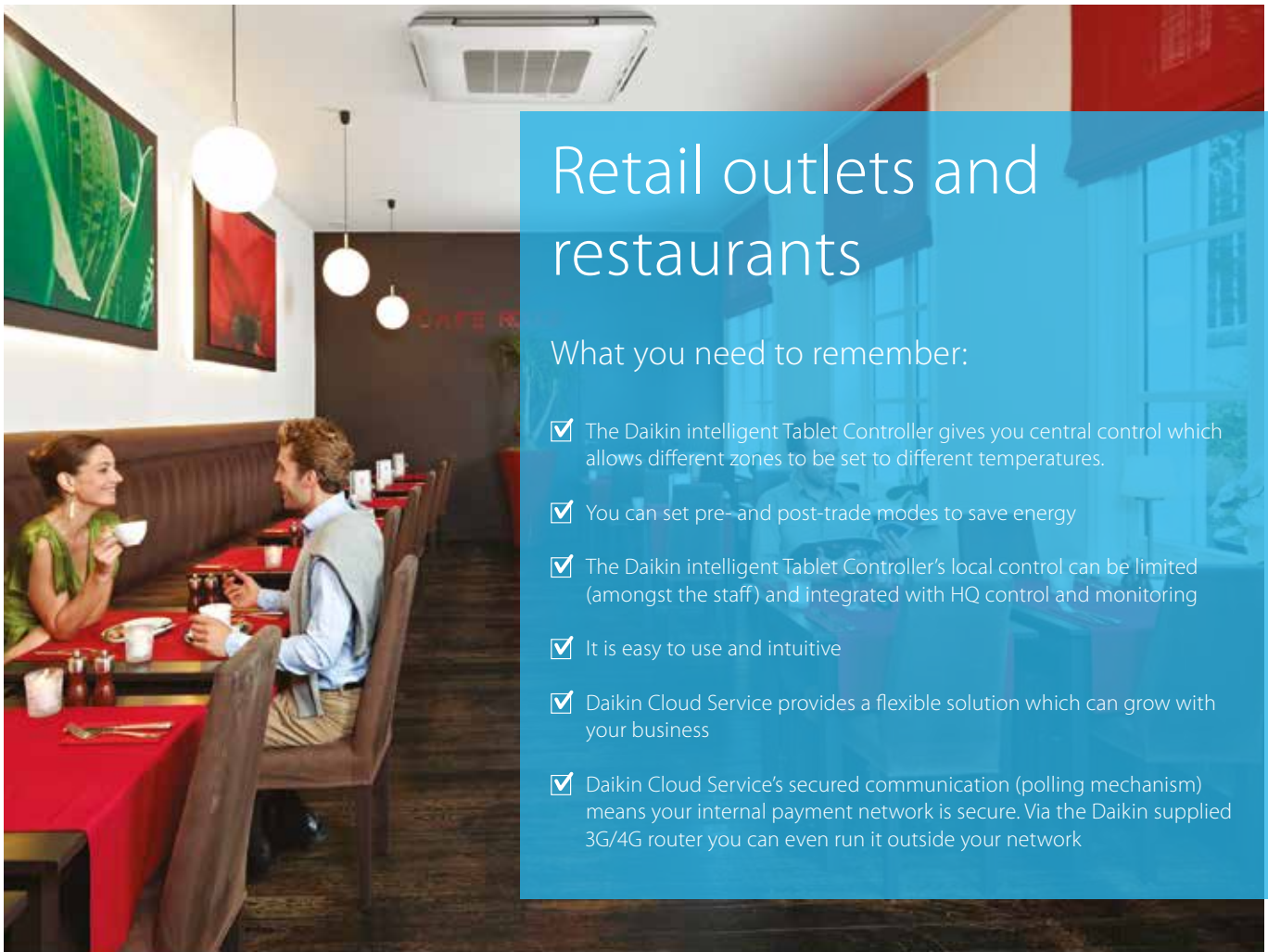
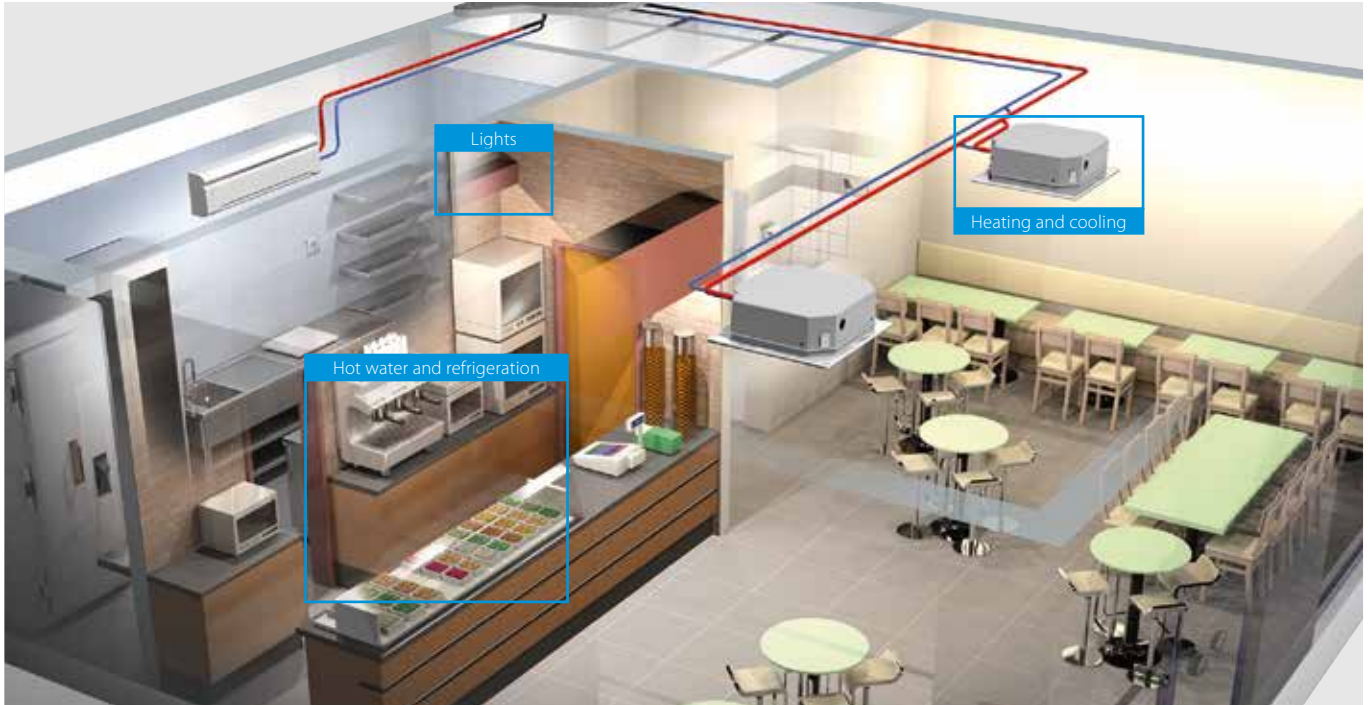
## Banks & small offices

What you need to remember:

- ✓ The Daikin intelligent Tablet Controller gives you local control which can be limited and integrated with HQ control and monitoring
- ✓ It is easy to use and intuitive
- ✓ Daikin Cloud Service provides a flexible solution which can grow as you expand your business
- ✓ Daikin Cloud Service's secured communication (polling mechanism) ensures the security of the internal company network. Via the Daikin supplied 3G/4G router you can even run it outside your network
- ✓ Total solution for your bank or small office



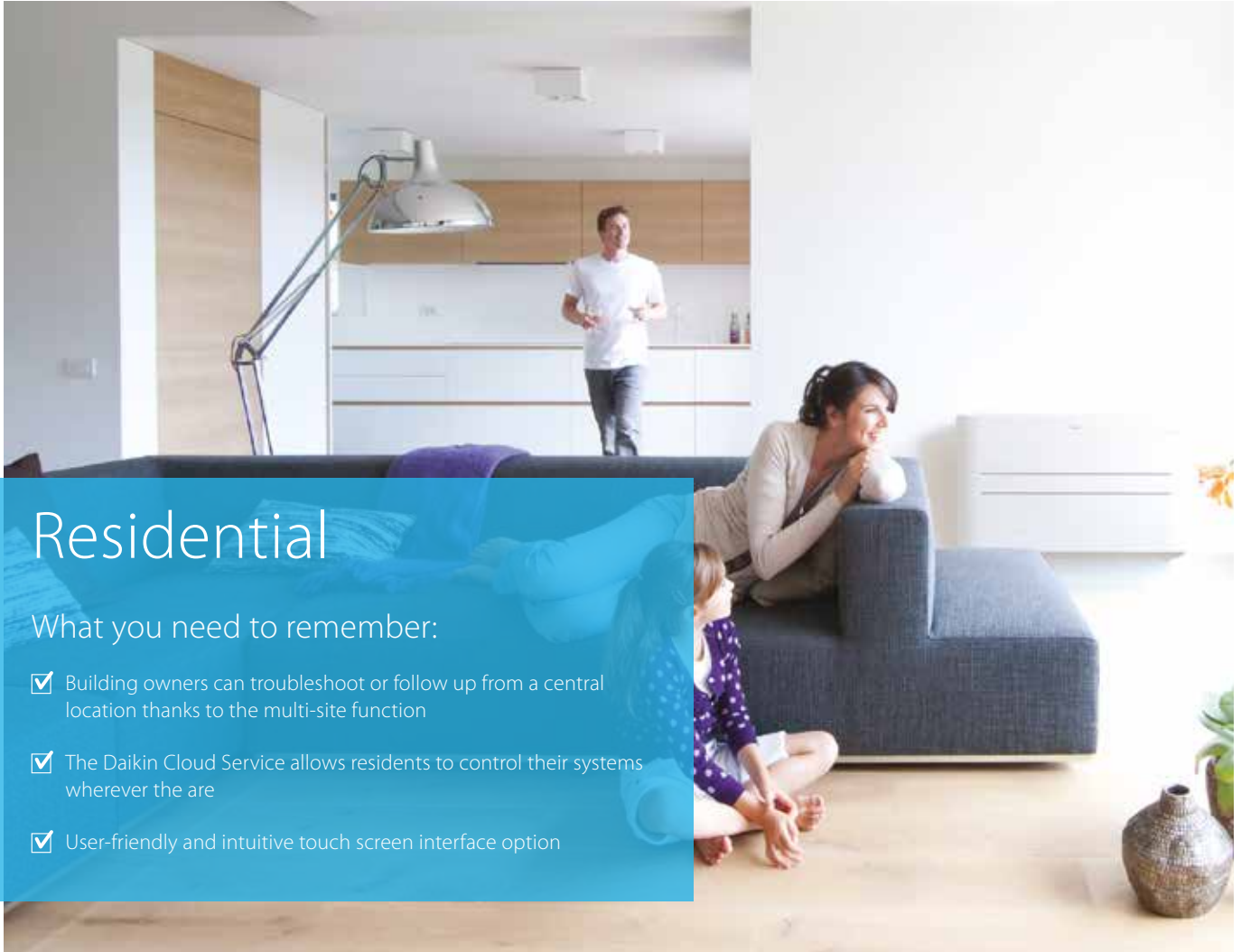




## Retail outlets and restaurants

What you need to remember:

- ✓ The Daikin intelligent Tablet Controller gives you central control which allows different zones to be set to different temperatures.
- ✓ You can set pre- and post-trade modes to save energy
- ✓ The Daikin intelligent Tablet Controller's local control can be limited (amongst the staff) and integrated with HQ control and monitoring
- ✓ It is easy to use and intuitive
- ✓ Daikin Cloud Service provides a flexible solution which can grow with your business
- ✓ Daikin Cloud Service's secured communication (polling mechanism) means your internal payment network is secure. Via the Daikin supplied 3G/4G router you can even run it outside your network



# Residential

What you need to remember:

- ✓ Building owners can troubleshoot or follow up from a central location thanks to the multi-site function
- ✓ The Daikin Cloud Service allows residents to control their systems wherever they are
- ✓ User-friendly and intuitive touch screen interface option



# DCC601A51



## Specifications

				DCC601A51
Power input	kW			0.015 (1)
Maximum number of connectable indoor units				32
Maximum number of connectable outdoor units				7
Dimensions	Unit	HeightxWidthxDepth	mm	136x384x92
Ambient temperature	Operation	Min.	°C	-10
		Max.	°C	50
	Storage	Min.	°C	-20
		Max.	°C	60
	Relative humidity <		%	85
Communication	DIII-NET	Quantity		1
		Remark		DIII-NET (F1F2)
	Ethernet	Quantity		1
		Input terminal	Digital	Quantity
Power supply	Frequency		Hz	50/60
	Voltage		V	110-240 AC
Current	Maximum fuse amps (MFA)		A	16

(1) Includes the power input of the power supply, the CPU module and the I/O module | The dimensions include the power supply, the CPU module, the I/O module and the necessary space in between the different parts | The dimensions of the optional screen are: height: 209mm, width: 123mm, depth: 8.5mm

## Functions overview

		Local solution	Cloud solution
<b>Languages</b>	EN, FR, DE, IT, ES, NL, PT	●	●
<b>System layout</b>	N° of connectable indoor units	32	32
	Multiple sites control		●
<b>Monitoring &amp; control</b>	Basic control functions (ON/OFF, mode, filter sign, setpoint, fan speed, ventilation mode, ...)	●	●
	Remote control prohibition	●	●
	All devices ON/OFF	●	●
	Group control	●	●
	Weekly schedule	●	●
	Interlock control	●	●
	Set point limitation	●	●
	Visualisation of energy use per operation mode		●
	Error e-mail		●
<b>Connectable to</b>	DX split, Sky Air, VRV	●	●
	VAM, VKM ventilation	●	●
	AHU ventilation (via EKEQ* control box)	●	●
	Biddle air curtains	●	●
	Hot water hydroboxes	●	●

## Options

		Options for local control	Cloud options	Software
Zenpad 8" Tablet for local control (optional screen)	Z380C	●	-	-
Asus 4G-N12 router	4G-N12	●	-	-
App for tablet – Application to run on Z380C tablet (download from Play store, Android only)		-	-	●
Commissioning tool		-	-	●
Software update tool		-	-	●







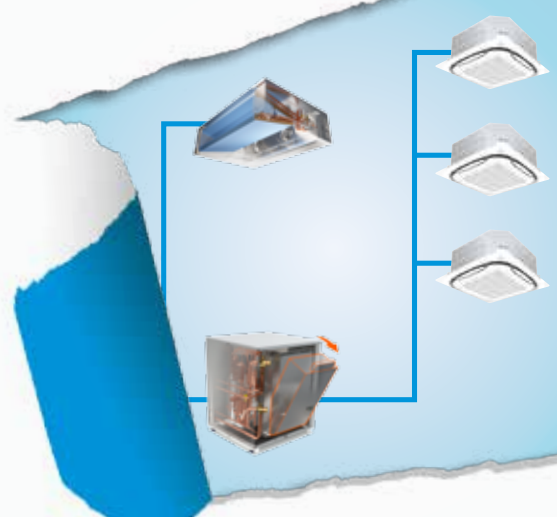
Keep looking  
you'll never find me

## The city secret

### Unseen in the best places

Our VRV IV i-series offers you a truly unique solution for installations where you need a totally invisible system. It is compact and easy to hide indoors, with only the grilles being visible outside. Split into two lightweight components, the compressor can be installed at floor level in a storage room or technical area, and the heat exchanger unit, which is only 400 mm high, can be installed in a standard false ceiling. The VRV IV i-series has a patented V-shaped heat exchanger which boosts efficiency. So your customer can now enjoy all the power of a fully invisible VRV system.

**VRV IV i-series**



Find out more at [www.daikineurope.com/citysecret](http://www.daikineurope.com/citysecret)

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