

VRV

Maximum flexibility,
minimum concern;
As it should be.



Continuing our path to lower CO₂ equivalent solutions



VRV 5 S-series

VRV 5 Heat Recovery

VRV 5 Heat Pump

Innovation and adaptation are at the heart of Daikin's decarbonisation strategy. When it comes to refrigerant selection, we have a diversity of choice that we are constantly evaluating to determine the appropriate refrigerant for each application and convert our portfolio to lower GWP refrigerants.

For VRV heat pumps, Daikin has assessed various refrigerants based on four criteria: overall environmental impact, energy efficiency, safety and cost-effectiveness. R-32 was determined to be the most balanced for direct expansion heat pumps.

Since launching the VRV 5 S-series with R-32 in 2020, we continue to expand our VRV portfolio with the launch of the VRV 5 Heat Recovery system and a VRV 5 heat pump in the near future

Benefits of R-32

R-32 refrigerant has a lower Global Warming Potential and higher efficiency compared to R-410A, making it the most effective sustainable solution for VRF systems today.

- › **Lower Global Warming Potential (GWP):** only 1/3rd of R-410A
- › **Lower refrigerant charge:** 15% less compared to R-410A
- › **Higher energy efficiency,** greatly reducing the indirect CO₂ eq. impact
- › **Single component refrigerant,** easy to handle and recycle.



Benefits of VRV heat pumps

VRV systems offer commercial buildings maximum flexibility and peace of mind thanks to the advantages direct expansion (DX) systems have to offer:

- › **More responsive:** Immediate reaction to changing conditions helps avoid overheating
- › **Highly efficient:** Only 2 energy transfer steps are needed (from air to refrigerant, and from refrigerant to air)
- › **Quick and easy to install:** All-in-one box solution without any requirement for field supplied equipment (e.g. gauges, pumps and valves)
- › **Limited space requirements:** All components are integrated, and refrigerant piping is compact.



VRV

Commercial air-to-air heat pumps

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Building a sustainable legacy together

Air surrounds us all the time, and in fact our very existence depends on it. At Daikin, the future of the world's indoor air is our greatest concern.

Daikin envisions a world with healthier indoor air while reducing our environmental impact. Driven by a dedication to achieve net zero CO₂ emissions by 2050, we provide **safe, healthy and comfortable spaces** throughout the building life cycle using **world-leading technology**.

Building on our **long-term partnerships**, let's build together now to achieve our goals, protecting the health and wellbeing of every individual.

Supporting decarbonization

We must act now to ensure we create a long-lasting legacy. As a company that values sustainability, we want to help to **decarbonize** buildings and create a **healthy** environment for generations to come.

Taking on the sustainable transformation, our solutions reduce the CO₂ footprint of buildings, whether they are new builds or renovations:

- Reusing existing refrigerant through **L∞P Daikin**, we reuse resources already available in the market, fully supporting the EU circular economy at a low carbon footprint
- If needed we introduce virgin refrigerant through **lower GWP refrigerants** such as R-32 reducing the direct CO₂eq impact
- Maximizing sustainability over the entire life cycle, thanks to market-leading **real life seasonal efficiencies**
- Ensuring systems run efficiently 24/7 through **smart controls**

Building for the future

As market leaders in total solutions, we are constantly innovating to offer you a **comfortable, healthy and safe** environment, meeting your needs. Reliability, support and precision are characteristics of our future-proof products and services. We offer:

- A **wide range** of next-generation heat pumps to meet complex demands, including **easy upgrading extending the lifetime of our equipment**
- Expert **indoor air quality solutions** through our ventilation and filtration systems to eliminate pollutants and balance humidity levels

A journey we take together

Together we take on the sustainability journey. We provide expert **support** throughout the building life cycle and give **peace of mind** by ensuring what we do is **future-proof** and is helping to build a better future.

- Our team of **experts**, go beyond product support. Together we reach your green objectives.
- We are there for you, **all the time**: via our local customer support teams and e-commerce solutions.
- We're in it for the **long term**. We deliver what we commit to, providing clear and trustworthy data



9 reasons why VRV is unique in the market

1 Leader in sustainability

- NEW** › VRV 5: dedicated R-32 VRV design
- Less refrigerant charge
 - Higher efficiency
 - Lower CO₂ equivalent
- › L∞P by Daikin: the creation of a circular economy of refrigerants
- Saves over 400,000 kgs of virgin refrigerant being produced every year
 - Greatly reduces the CO₂ footprint of refrigerant production
 - For all VRV units produced and sold in Europe*

* EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland



2 Efficiency

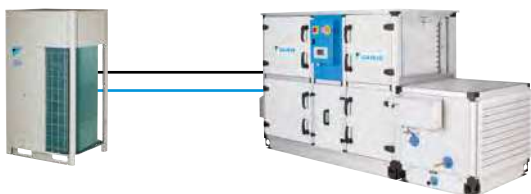
- › Variable Refrigerant Temperature for high seasonal efficiency
- › Round flow cassette and concealed ceiling units with auto cleaning filter
- › The best partner for your BREEAM, LEED or Well project

BREEAM®



3 Comfort

- › Provide high Indoor Air Quality through seamless integration of AHU's (For VRV IV models)
 - › Variable Refrigerant Temperature preventing cold draughts in cooling thanks to high outblow temperatures
 - › True continuous heating during defrost
 - › Presence and floor sensors direct the air flow away from persons, while ensuring an even temperature distribution
 - › Auto cleaning filters to ensure optimum air quality
- NEW** › UV Streamer kit, purifies the air of pollutants such as viruses, bacteria, fine dust (PM1.0), odours, allergens, etc



4 Reliability

- › Refrigerant cooled PCB
- › Most extensive testing before new units leave the factory
- › Widest sales network with all spare parts available in Europe
- › Preventive maintenance via Daikin Cloud Service
- › Auto cleaning filters to further enhance reliability thanks to clean air-filters
- › True technical cooling



5 Design

- › Widest ever range of cassette panels
 - Available in white and black
 - Sleek designer panel range
- › Daikin Emura, unique iconic design
- › Fully flat cassette, fully integrated in the ceiling



6 Controls

- › Voice control via Amazon Alexa and Google Assistant through BRP069C51 Onecta app (For VRV 5 models)
- › Madoka: a sleek wired remote controller with intuitive touch button control
- › Intelligent Touch manager: A cost-effective mini BMS integrating all Daikin products
- › Easy integration in third party BMS via BACnet, LonWorks, Modbus, KNX
- › Dedicated control solutions for applications such as technical cooling, shops, hotels, ...
- › Daikin Cloud Service for online control, energy monitoring, comparison of multiple sites and predictive maintenance



7 Installation

- › Automatic refrigerant charge and refrigerant containment check
- › Unique 4-way blow ceiling suspended cassette (FXUQ)
- › Plug & play Daikin Air Handling Unit
- › VRV configurator software for the fastest commissioning, configuration and customisation
- › Outdoor unit display for quick on-site settings and detailed error readouts for improved customer support



7-segment display

8 Inventor of VRV with over 40 years of history

- › Market leader of VRV systems since 1982
- › Over 90 years of expertise in heat pump technology
- › Designed for and produced in Europe
- › Innovator setting the market standard with technologies such as Variable Refrigerant Temperature, continuous heating, Shirudo technology, ...



9 For every application a solution

- › Heat recovery for simultaneous cooling and heating
- › Maximum flexibility for geothermal applications with water-cooled systems
- › Hot and cold climate solutions offering efficient cooling up to 52°C and heating down to -25°C
- › Space saving mini VRV solutions, offering the most compact VRV
- › The invisible VRV, a unique solution when the outdoor unit must be compact and completely invisible
- › Replacement solutions to replace existing systems in the most cost-effective way



But VRV is more...

Advantages of direct expansion (DX) systems

Highly efficient

- › Only 2 energy transfer steps maximise efficiency. Running costs of a water-based fan coil unit can be 40 to 72% higher compared to a VRV heat recovery system

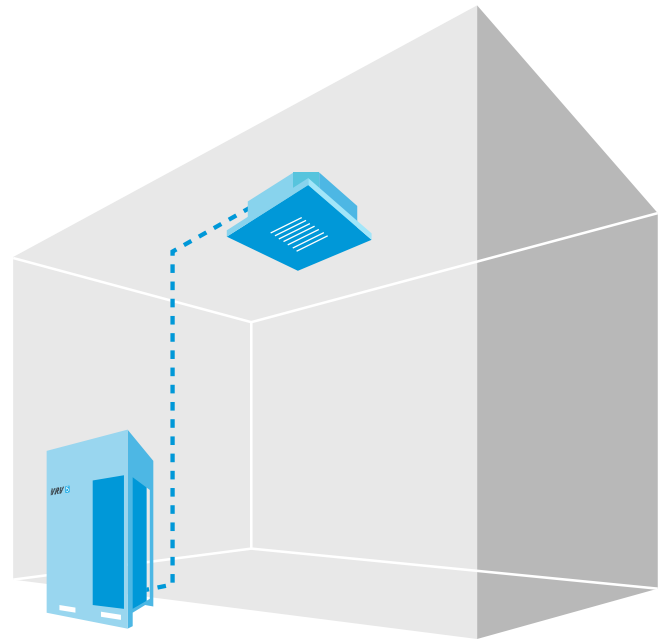


29%
less space

Limited space requirements

- › Units have all components integrated
- › Small piping diameters
- › Up to 20% less space required compared to traditional water-based systems, offering more lettable space

max. 398kg for a 20HP unit

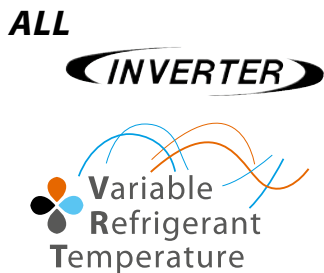


Quick and easy to install

- › All-in-one box solution without any requirement for field supplied equipment (e.g. gauges, pumps and valves)

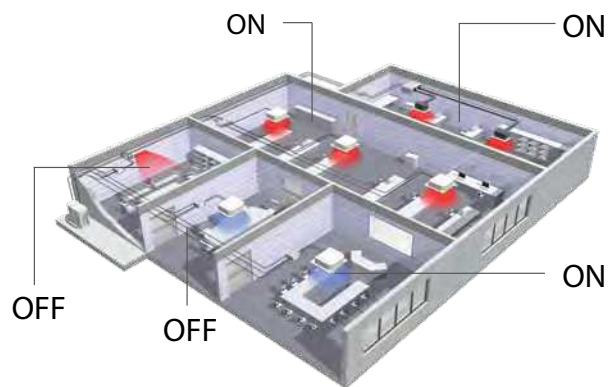
Quick response to changing conditions

- › Immediate reaction to changing conditions and precise control to 0.5°C thanks to electronic expansion valves, room thermostats, all inverter compressors and Variable Refrigerant Temperature



Precise zone control

- › Only condition areas in need for cooling or heating

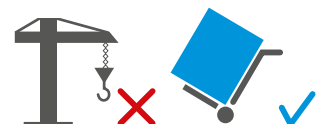


Very low indoor unit sound levels

- › Levels with a limited capacity drop in case of lower fan speeds, thanks to their Electronic Expansion Valves.

Compact units

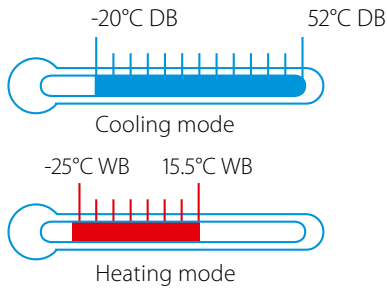
- › Avoid the need for structural reinforcement or special equipment to lift units in place



Daikin VRV strong points

Great design flexibility

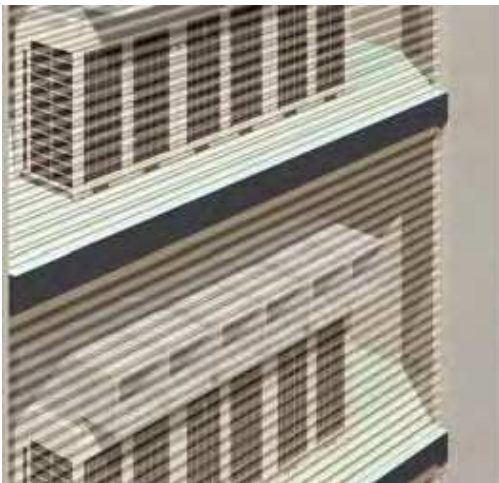
› Solutions for every climate, from -25 to +52°C



- › Long refrigerant piping
- › Zone by zone phased installation
- › Use one outdoor unit for multiple tenants



multi tenant



Indoor Installation of outdoor units

- › 3 options
 - › ESP up to 78pa for standard air-cooled outdoor units
 - › VRV IV i-series air cooled heat pump for indoor installation
 - › VRV IV W-series water cooled unit for indoor installation

Reliable

- › Special anti corrosion treatment of the heat exchanger provides 5 to 6 times greater resistance against corrosion
- › Duty cycling extends operation life
- › Sequential start
- › Only brazed connections

High comfort levels

- › Individual control and simultaneous cooling and heating for perfect personal environment
- › Night quiet mode on outdoor units to ensure low outdoor operation sound
- › Back-up function
- › Low indoor sound levels down to 19 dBA



Simultaneous cooling and heating with heat recovery systems









VRV total solution

Typically, many buildings today rely on several separate systems for heating, cooling, air curtain heating and hot water. As a result energy is wasted. To provide a much more efficient alternative, VRV technology has been developed into

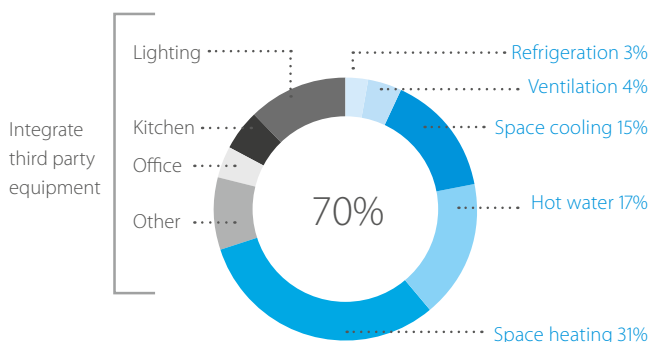
a total solution managing up to

70%

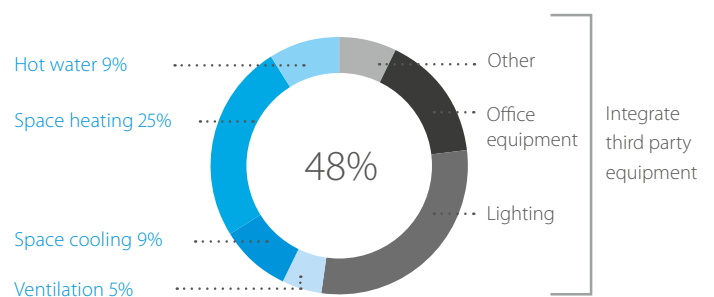
of a buildings energy consumption giving large potential to cost saving.

-  › **Heating and cooling** for year round comfort
-  › **Hot water** for efficient production of hot water
-  › **Underfloor heating /cooling** for efficient space heating/cooling
-  › **Fresh air ventilation** for high quality environments
-  › **Air curtains** for optimum air separation
-  › **Controls** for maximum operating efficiency
-  › **Cooling** for server rooms, telecom shelters, ... via VRV heat recovery or Sky Air units
-  › **Refrigeration** via our VRV based refrigeration units

Average hotel energy consumption



Average office energy consumption



Offices

Efficiency in the workplace

"Leading edge design in harmony with the construction and interior design."

Architect



Hotel

Hospitality with economy

"With Daikin we could perfectly combine the authenticity of the hotel with the latest technology and comfort."

Owner of a 5-star hotel



Shops

reducing retail costs

"Together with Daikin's technical team we have optimised the design of our HVAC system, reducing investment levels and operational costs. Daikin has offered us access to the most up to date technology."

Retail shop representative



Residential

there is no place like home

"A cost effective, low energy consumption heat pump system for home owners, offering maximum comfort"



INTRODUCTION

RESIDENTIAL
INDOOR AIR
QUALITY

HEATING

SPLIT

SKY AIR

ROOFTOP

VRV

COMMERCIAL
VENTILATION &
AIR PURIFICATION

MARINE
INDUSTRY

CHILLERS

FAN COIL
UNITS

AIR HANDLING
UNITS

COMMERCIAL &
TRANSPORT
REFRIGERATION

CONTROL
SYSTEMS

Continuing our path to lower CO₂ equivalent solutions



VRV 5 S-series

VRV 5 Heat Recovery

VRV 5 Heat Pump

Support the decarbonisation of commercial buildings



Market-leading seasonal efficiency makes VRV5 more sustainable over its entire lifecycle, reducing the indirect CO₂ eq. impact



Specifically built for lower GWP R-32 refrigerant, greatly reducing the potential direct CO₂ impact with 71% compared to R-410A systems

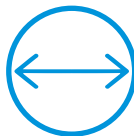


The perfect partner for BREEAM, LEED and other green building schemes

Ultra-flexible climate control



Known R-410A piping flexibility to tackle any building



Widest range of dedicated R-32 indoor units on the market



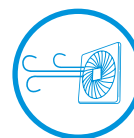
Integrates HRV ventilation units



Connectable to all known Daikin smart controls, including Onecta app



5 low sound steps



High ESP fans allowing concealed installation

VRV 5 outdoor unit overview

Capacity class (kW)

Model	Product name	4	5	6	8	10	12	14	16	18	20	22	24	26	28	VRV indoor units	Residential indoor units	Hydrobox	HRV units VAM	HRV units EKVDX	AHU connection	Air curtains	Remarks		
Cooling Capacity					22.4	28.0	33.5	40.0	45.0	50.4	56.0	61.5	67.4	73.5	78.5										
Heating Capacity					25.0	31.5	37.5	45.0	50.0	56.5	63.0	69.0	75.0	82.5	87.5										
Air-cooled heat recovery NEW & UNIQUE VRV 5 heat recovery	<ul style="list-style-type: none"> > Reduced CO₂ equivalent thanks to the use of lower GWP refrigerant R-32 > Top sustainability over the entire lifecycle > „Free“ heating through heat recovery > Tackle small room applications thanks to Shirudo Technology > The perfect personal comfort thanks to simultaneous cooling and heating 	REYA-A				●	●	●	●	●	●	●	●	●	○						○	○	○	○	
Air-cooled heat pump UNIQUE VRV 5 S-series	<ul style="list-style-type: none"> > Reduced CO₂ equivalent thanks to the use of lower GWP refrigerant R-32 > Top sustainability over the entire lifecycle > Unique low -height single fan range > Tackle small room applications thanks to Shirudo technology 	RXYSA-AV1/AY1	1~	●	●	●																			
			3~	●	●	●																			

● Single unit, ● Multi combination

Sound enclosure for VRV5 S-series

- ✓ Specially designed for VRV 5
- ✓ Fully optimized and tested in Daikin Factory
- ✓ Outdoor unit sound reduction up to -10 dB(A) on Sound Power values
- ✓ Very low capacity and pressure drop
- ✓ Fast & easy installation & servicing



Branch selector (BS box) overview

Model	Product name	4	6	8	10	12	
Multiport BS box	<ul style="list-style-type: none"> > Unique range of Branch Selector boxes integrating Shirudo Technology 	BS-A14AV1B	●	●	●	●	●



Shirudo Technology truly sets VRV 5 apart

- > Complete peace of mind as Daikin provides all required tools to ensure compliance to the IEC product standard
- > Factory-integrated refrigerant control measures make the VRV 5 quick and flexible to design without the need for complex and time consuming calculations
- > For stress free design of any commercial building, validate your project in our Xpress software, featuring floor plan integration



INTRODUCTION
RESIDENTIAL INDOOR AIR QUALITY
HEATING
SPLIT
SKY AIR
ROOFTOP
VRV
COMMERCIAL VENTILATION & AIR PURIFICATION
MARINE INDUSTRY
CHILLERS
FAN COIL UNITS
AIR HANDLING UNITS
COMMERCIAL & TRANSPORT REFRIGERATION
CONTROL SYSTEMS

“A landmark project meeting the highest standards, the Meylan Arteparc sets the bar for designing future-proof buildings that consistently deliver on energy performance and comfort”



Arteparc office complex

Daikin VRV heat pumps contribute to low carbon footprint and is awarded with the HQE excellent label



The new Arteparc commercial complex situated in the Inovallee tech park in Meylan, Grenoble demonstrates how developers and equipment manufacturers are working together to deliver new low-carbon buildings that align with the highest standards of sustainable development.

This large new commercial complex comprises over 25,000m² of floor space, spread over six buildings.

The first three have now been completed using Daikin's low carbon VRV heat pumps. The project is distinguished by its high-quality design and construction, built to achieve BBC Effnergie E2C-1 certification and comply with the French RE2020 regulations, which are aimed at reducing both energy consumption and the lifetime carbon impact of new buildings.

Daikin's VRV5 solution was selected by ARTEA to provide comfortable climate control with a low carbon footprint to assist in achieving the HQE excellent certification.

The collaboration between the ARTEA Group, the Ingégroup design office, installer Climacool and Daikin technical management, was essential to the successful outcome of this project. Close cooperation ensured that system performance was optimised to meet the high standards of the ARTEA Group, as well as the building requirements and user experience. The system will be monitored in order to further optimise the energy efficiency of the VRV solution.

Hotel St. Annen

sustainable retrofit

- › Retrofit in just 3.5 weeks
- › Individual room heating or cooling
- › VRV 5's compact size and low noise operation minimise visibility and disturbance in the densely populated residential neighbourhood
- › Intuitive touch control for guests with central monitoring for staff to optimise energy efficiency



"The Daikin system completely met our expectations for advanced energy efficiency and quiet technology. In addition, the system allowed individual air-conditioning for the guest bedrooms."

MARCUS VAN RIESEN, HOTEL MANAGER

Zome Central

hub with multi use offices

- › For the Zome HUB flexibility was key to allow different type of occupation and use of the co-working space
- › A sustainable system was essential to align with the brand values
- › Zome's city centre location meant the outdoor units could not be higher than 1 meter to remain invisible once installed
- › VRV design software ensured the selected equipment complies to the IEC product standard



"The VRV 5 system was a natural choice for Zome: technologically superior, the system delivers higher energy efficiency while offering environmental stability, contributing to a better climate for our planet."

More cases at: https://www.daikin.eu/en_us/about/case-studies.html



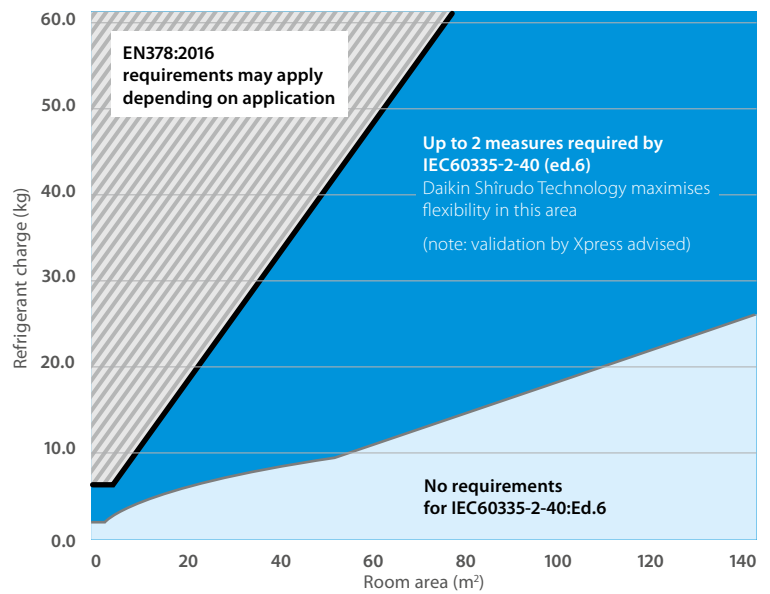
Did you know ...

different standards regarding safety exist?

Refrigerants can be classified according to 2 safety groups:

- > Flammability (1, 2L, 2, 3): covered by the specific heat pump standard **IEC60335-2-40 (Ed. 6)** as it prevails over EN378:2016
- > Toxicity (A or B): covered by the generic standard on refrigerants **EN378:2016**.

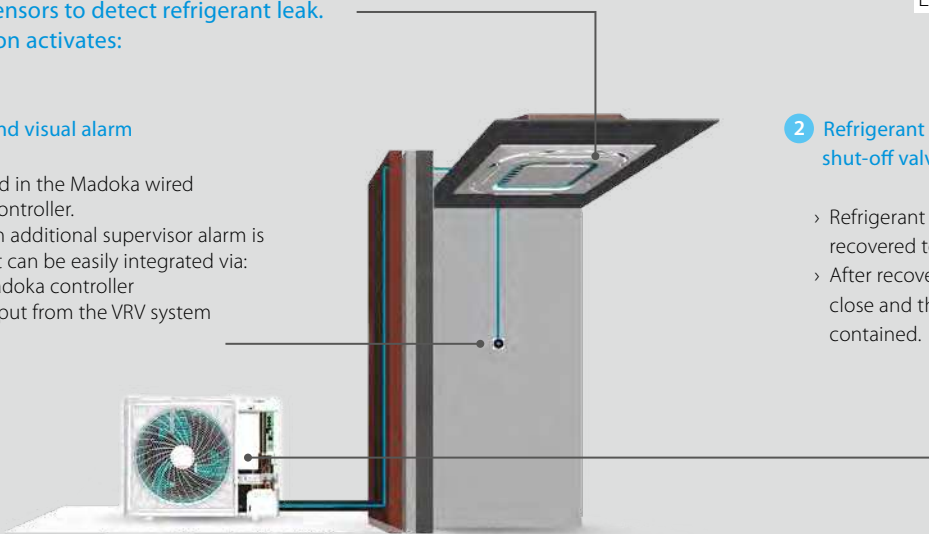
Shirudo Technology focuses on offering maximum flexibility within the IEC60335-2-40 (Ed.6) requirements as limitations for flammability of A2L refrigerants are stricter than the ones for toxicity.



Integrated sensors to detect refrigerant leak. Leak detection activates:

1 Audible and visual alarm

- > Integrated in the Madoka wired remote controller.
- > In case an additional supervisor alarm is needed it can be easily integrated via:
 - > The Madoka controller
 - > An output from the VRV system



2 Refrigerant recovery and shut-off valves

- > Refrigerant is automatically recovered to the outdoor unit.
- > After recovery, shut-off valves close and the refrigerant is safely contained.

Example for VRV 5 S-series



Peace of mind

With Shîrudo Technology, Daikin ensures compliance to the product standard IEC60335-2-40 (Ed. 6) for indoor units. With factory-integrated refrigerant control measures, these systems are also the quickest and most flexible to design.

There is **no need for complex and time consuming calculations**, even for small room applications. And BSSV boxes come with a ventilated enclosure for quick and simple integration of any potential additional measures – making installation in demanding spaces easier than ever.

For stress free design of any commercial building, validate your project in our Xpress software, featuring floor plan integration.

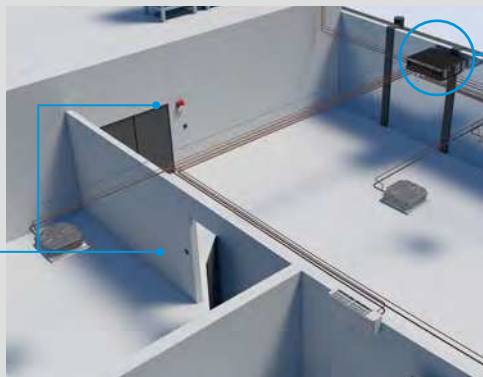
Refrigerant control measures factory-integrated

Shîrudo Technology includes 2 factory measures and sensors built into a VRV 5 system.

Integrated sensors to detect refrigerant leak.
Leak detection activates:

1 Audible and visual alarm

- › Integrated in the Madoka wired remote controller
- › In case an additional supervisor alarm is needed it can be easily integrated



Example for VRV 5 Heat Recovery

2 Refrigerant recovery and shut-off valves

- › Shut off valves of the affected refrigerant branch are closed, containing the leak
- › The rest of the system remains in operation

Compliance taken care of

- › No study or calculations needed on where and how to install outdoor or indoor units.
- › No need for studies to decide if and what safety measures are required.
- › Third party CB certified by a notified body (SGS CEBC).

Automatic, real time leak detection and refrigerant containment controls

- › Fully compliant to product standard (IEC60335-2-40 (Ed.6)), reducing the risk of direct CO₂ eq. impact from a refrigerant leak.
- › Real time leak detection sensors, triggering refrigerant containment measures in the unlikely event of a leak.
- › No leak check requirement for majority of VRV 5 S-series installations (up to 7.4 kg of refrigerant charge) and reduced intervals of leak check for bigger installations.

(1) Refer to Xpress selection software to ensure compliance to specific product standard. Field supplied duct and fan may be required to install the BS box in very small spaces.

Check out the
Shîrudo Technology
video!



Meet our superhero: VRV 5 Heat Recovery



Purpose-built to support the decarbonisation
of commercial buildings

**Support your customers in future-proofing their buildings with
a breakthrough solution for sustainable climate control.**

Now, more than ever, we all have a part to play in reducing our environmental impact. That's why Daikin is introducing the VRV 5 Heat Recovery unit with innovative new superpowers that make it a future-proof climate solution. Smarter and more responsive than ever – it offers you and your customers complete peace of mind.

Help your customers reduce their CO₂ footprint now while enjoying maximum comfort and ease of use. Visit www.daikin.eu/VRV5HR to learn more about the VRV 5 Heat Recovery unit.



Advantages of 3-pipe technology

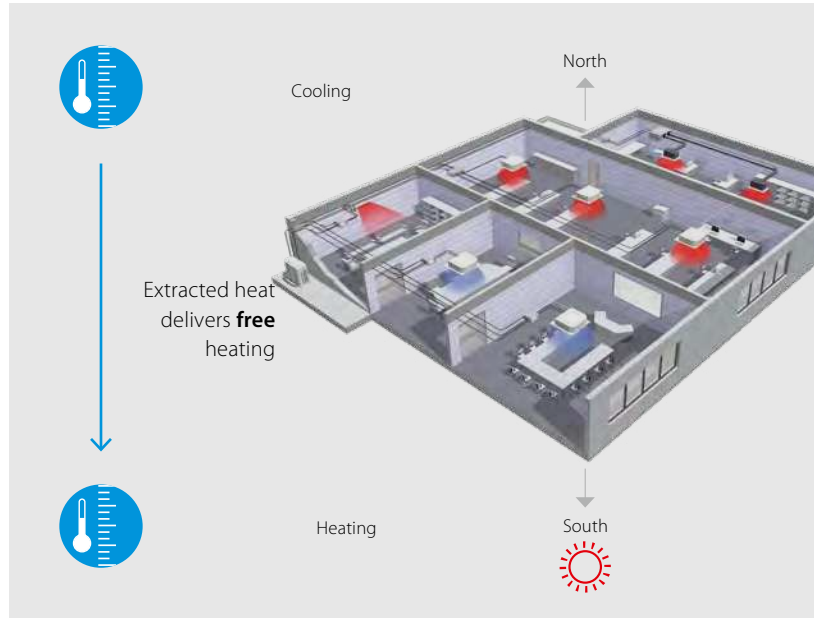
“Free” heat production

An integrated heat recovery system reuses heat from offices and server rooms to warm other areas.

Maximum comfort

A VRV heat recovery system allows simultaneous cooling and heating.

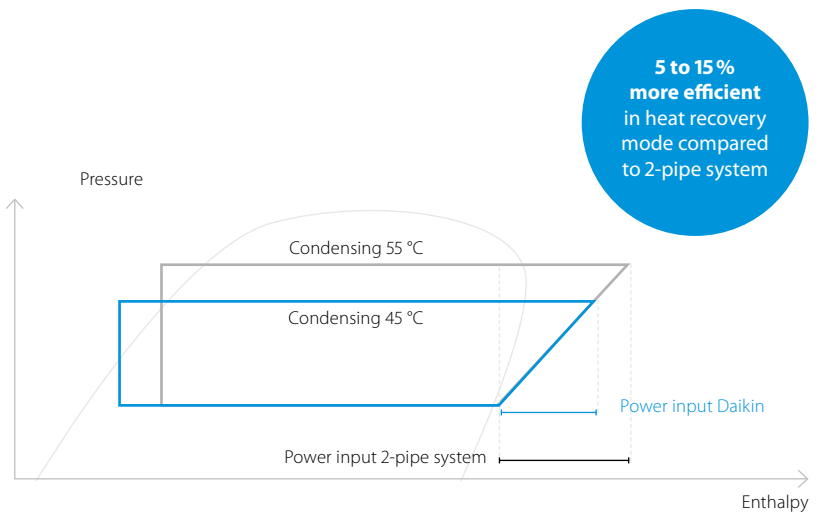
- › For hotel owners, this means they can freely choose between cooling or heating to create a perfect environment for guests.
- › For offices, it means a perfect working indoor climate for both north and south-facing offices.



More “free” heat

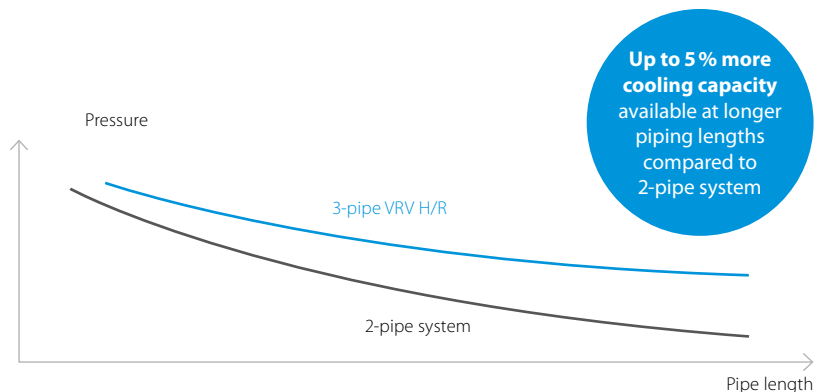
Daikin 3-pipe technology needs less energy to recover heat, meaning significantly higher efficiency during heat recovery mode. Our system can recover heat at a low condensing temperature because it has dedicated gas, liquid and discharge pipes.

In a 2-pipe system, gas and liquid travel as a mixture so the condensing temperature needs to be higher in order to separate the mixed gas and liquid refrigerant. The higher condensing temperature means more energy is used to recover heat resulting in lower efficiency.



Lower pressure drop means more efficiency

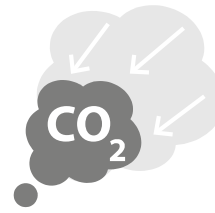
- › Smooth refrigerant flow in 3-pipe system thanks to 2 smaller gas pipes results in higher energy efficiency
- › Disturbed refrigerant flow in large gas pipe on 2-pipe system results in larger pressure drop



VRV 5 Heat Recovery

Purpose-built to support the decarbonisation of commercial buildings

- › Reduced CO₂ equivalent thanks to the use of lower GWP R-32 refrigerant and lower refrigerant charge
- › Single component refrigerant, easy to re-use and recycle
- › Greatest sustainability over the entire lifecycle, thanks to market leading real-life seasonal efficiency
- › “Free” heating through efficient 3-pipe heat recovery, transferring heat from areas requiring cooling to areas requiring heating
- › Tackle small room applications without any additional measures, thanks to Shīrudo Technology
- › Specially designed indoor units for R-32, ensuring low sound and maximum efficiency
- › Simultaneous cooling and heating for the perfect personal comfort of guests/tenants
- › Like for like R-410A installation flexibility with piping lengths up to 165 meters and a total length of 1,000 meters
- › Sound pressure down to 40 dB(A) thanks to 5 low sound steps
- › ESP up to 78 Pa to allow ducting
- › Wide operation range of up to +46°C in cooling and down to -20°C in heating
- › Incorporates VRV standards & technologies: Variable Refrigerant Temperature, continuous heating, VRV configurator, 7 segment display and full inverter compressors, 4-side heat exchanger, refrigerant cooled PCB



Lower CO₂ equivalents



5 low sound steps

More details and final information can be found by scanning or clicking the QR codes.



REYA-A

Outdoor unit		REYA	8A	10A	12A	14A	16A	18A	20A	
Capacity range		HP	8	10	12	14	16	18	20	
Cooling capacity	Prated,c	kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0	
Heating capacity	Prated,h	kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0	
	Max. 6°CWB	kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0	
Recommended combination			4x FXFA50A2VEB	4x FXFA63A2VEB	6x FXFA50A2VEB	1x FXFA50A2VEB + 5x FXFA63A2VEB	4x FXFA63A2VEB + 2x FXFA80A2VEB	3x FXFA50A2VEB + 5x FXFA63A2VEB	2x FXFA50A2VEB + 6x FXFA63A2VEB	
ηs,c		%	290.8	282.6	285.3	306.1	281.0	280.6	262.2	
ηs,h		%	161.5	170.2	176.4	168.3	167.5	172.5	162.7	
SEER			7.35	7.14	7.21	7.73	7.10	7.09	6.63	
SCOP			4.11	4.33	4.49	4.28	4.26	4.39	4.14	
Maximum number of connectable indoor units			64							
Indoor index connection	Min.		100	125	150	175	200	225	250	
	Max.		260	325	390	455	520	585	650	
Dimensions	Unit	HeightxWidthxDPTH	mm			1,685x930x765				
Weight	Unit		kg			296		319		
Sound power level	Cooling	Nom.	dB		78.3	78.8	82.5	78.7	83.7	
	Heating	Nom.	dB		56.3	58.0	60.8	58.1	61.4	
Sound pressure level	Cooling	Nom.	dB(A)		56.3	58.0	60.8	58.1	61.4	
	Heating	Nom.	dB(A)		56.3	58.0	60.8	58.1	61.4	
Operation range	Cooling	Min.-Max.	°CDB		-5 ~46					
	Heating	Min.-Max.	°CWB		-20 ~16					
Refrigerant	Type/GWP		R-32/675.0							
	Charge	kg/TCO2Eq	9.00/6.08			10.6/7.16				
Piping connections	Liquid	OD	mm		9.52					
	Gas	OD	mm		19.1				28.6	
	HP/LP gas	OD	mm		15.90			19.10		22.20
	Total piping length	System Actual	m		1,000					
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415							
Current - 50Hz	Maximum fuse amps (MFA)	A	20	25	32	40		50		



Completely redesigned BSSV boxes for faster installation and easier servicing



REYA-8-12A

Widest R-32 VRV range in the market

Outdoor unit System		REYA	10A	13A	16A	18A	20A	22A	24A	26A	28A
System	Outdoor unit module 1										
	Outdoor unit module 2										
			REMA5A		REYA8A		REYA10A	REYA12A		REYA16A	REYA12A
Capacity range		HP	10	13	16	18	20	22	24	26	28
Cooling capacity	Prated,c	kW	28.0	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5
Heating capacity	Prated,h	kW	28.0	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5
	Max. 6°CWB	kW	32.0	41.0	50.0	56.5	62.5	69.0	75.0	82.5	87.5
Recommended combination			4x FXFA63A2VEB	3x FXFA50A2VEB + 3x FXFA63A2VEB	4x FXFA63A2VEB + 2x FXFA80A2VEB	4x FXFA50A2VEB + 4x FXFA63A2VEB	10x FXFA50A2VEB	6x FXFA50A2VEB + 4x FXFA63A2VEB	4x FXFA50A2VEB + 4x FXFA63A2VEB + 2x FXFA80A2VEB	7x FXFA50A2VEB + 5x FXFA63A2VEB	8 x FXFA63A + 8 x FXSA63A + 8 x FXMA63A
ηs,c		%	301.9	296.5	293.0	287.5	287.6	283.6	283.4	296.2	282.8
ηs,h		%	160.6	161.5	170.9	170.5	172.2	173.3	165.2	172.0	171.5
SEER			7.62	7.49	7.40	7.26	7.27	7.17	7.16	7.48	7.15
SCOP			4.09	4.11	4.35	4.34	4.38	4.41	4.20	4.38	4.36
Maximum number of connectable indoor units			64								
Indoor index connection	Min.		125	163	200	225	250	275	300	325	350
	Max.		325	423	520	585	650	715	780	845	910
Piping connections	Liquid	OD	mm	9.52		12.70				15.90	
	Gas	OD	mm	19.1		22.2		28.6			
	HP/LP gas	OD	mm	15.90		19.10		22.20			
	Total piping length	System Actual	m	500					1,000		
Power supply	Phase/Frequency/Voltage	Hz/V					3N~/50/380-415				
Current - 50Hz	Maximum fuse amps (MFA)	A	40			50		63			

Outdoor unit module		REMA	5A	
Dimensions	Unit HeightxWidthxDepth	mm	1,685x930x765	
Weight	Unit	kg	213	
Fan	External static pressure	Max.	Pa	78
Sound power level	Cooling Nom.	dBA	78.3	
Sound pressure level	Cooling Nom.	dBA	56.3	
Operation range	Cooling	Min.-Max.	°CDB	-5 ~46
	Heating	Min.-Max.	°CWB	-20 ~16
Refrigerant	Type/GWP		R-32/675.0	
	Charge	kg/TCO2Eq	9.00/6.08	
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415	
Current - 50Hz	Maximum fuse amps (MFA)	A	20	

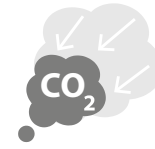
Actual number of connectable indoor units depends on the indoor unit type and the connection ratio restriction for the system (50% ≤ CR ≤ 120%) | Contains fluorinated greenhouse gases | * EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland



Multi branch selector (BSSV) for VRV 5 Heat Recovery

Specifically developed for lower GWP R-32

- › **Reduced CO₂ equivalent** thanks to the use of lower GWP R-32 refrigerant and lower refrigerant charge
- › Unique range of multi BS boxes allowing **efficient 3-pipe** heat recovery
- › No limitation on room size, thanks to **Shîrudo Technology** (1)
The integrated shut-off valves in the BSSV box ensure that in case of a refrigerant leak only the specific branch is closed off.



Reduced CO₂ equivalent

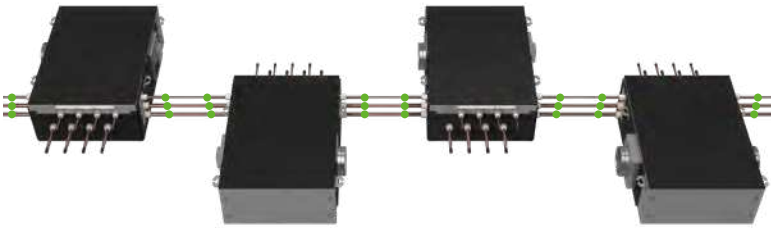


Flexibility to take care of every room

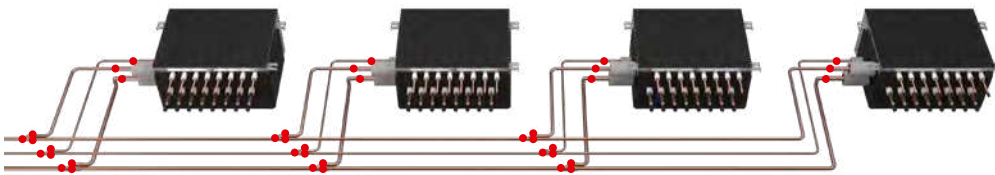
Completely redesigned for faster installation and easier servicing

- › Faster installation thanks to **Refrigerant Flow Through** reducing the number of brazing points and joint kits

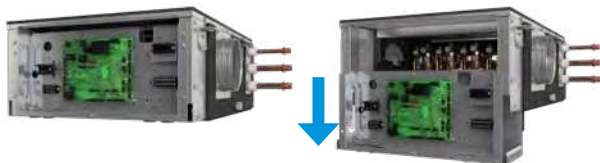
VRV 5: only 24 brazings point and no joint kits



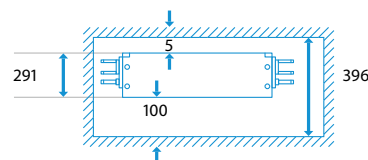
VRV 5: 39 brazing points and 3 joint kits



- › Easy servicing in false ceilings thanks to **sliding down PCB**

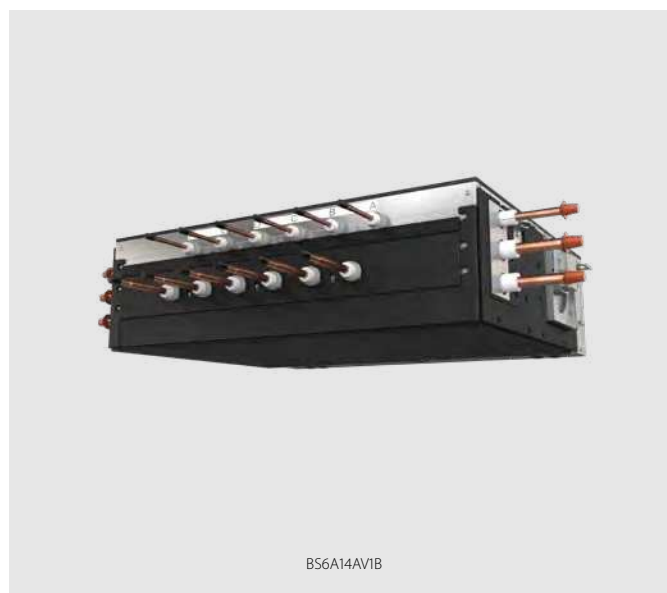


- › Limited ceiling void required as the box can be installed at just 5mm from the ceiling



(1) Refer to Xpress selection software to ensure compliance to specific product standard. Field supplied duct and fan might be required to install the BS box in very small spaces

- › Unique range of multi BS boxes allowing efficient 3-pipe heat recovery
- › **NEW** No limitation on room size, thanks to Shirudo Technology (1)
- › **NEW** Faster installation thanks to Refrigerant Flow Through reducing the number of brazing points and joint kits
- › **NEW** Easy servicing in false ceilings thanks to sliding down PCB
- › **NEW** Limited ceiling void required as the box can be installed at just 5mm from the ceiling
- › **NEW** Quick on-site settings, indication of service parameters and easy read out of errors thanks to 7 segment display
- › Up to 16kW capacity available per port
- › Connect up to 250 class unit (28kW) by combining 2 ports
- › No limit on unused ports allowing phased installation
- › Faster installation thanks to open port connection
- › Allows multi tenant applications
- › Connectable to REYA-A heat recovery units



BS6A14AV1B

More details and final information can be found by scanning or clicking the QR codes.



BS-A14AV1B

Branch selector				BS	4A14AV1B	6A14AV1B	8A14AV1B	10A14AV1B	12A14AV1B
Maximum number of connectable indoor units					20	30	40	50	60
Maximum number of connectable indoor units per branch							5		
Number of branches					4	6	8	10	12
Maximum capacity index of connectable indoor units					400	600		750	
Maximum capacity index of connectable indoor units per branch					140 (250 if 2 ports are combined)				
Dimensions	Unit	HeightxWidthxDepth		mm	291x600x845	291x1,000x845		291x1,400x845	
Weight	Unit			kg	40	56	65	83	89
Casing	Material				Galvanised steel plate				
Piping connections	Outdoor unit or Refrigerant Flow Through	Liquid	Type		Brazing connection				
			OD	mm	9.52 (2) / 12.7 (2) / 15.9				
		Gas	Type		Brazing connection				
			OD	mm	15.9 (2) / 19.1(2) / 22.2(2) / 28.6				
	Indoor unit	Discharge gas	Type		Brazing connection				
			OD	mm	12.7 (2) / 15.9(2) / 19.1(2) / 22.2				
		Liquid	Type		Brazing connection				
			OD	mm	6.35(3) / 9.52 (4)				
Gas	Type		Brazing connection						
	OD	mm	9.52 (5) / 12.7 (6) / 15.9 (4)						
Drain					VP20 (I.D. 20/O.D. 26)				
BS units connected in Refrigerant Flow Through	Maximum allowed amount of BS units				4				
	Maximum total number of ports of BS units				16				
	Maximum total capacity index of indoor unit				750				
Sound absorbing thermal insulation					Urethane foam, polyethylene foam				
BS box system safety requirements	Dust connection diameter on unit			mm	160.0				
	Dust connection positions				Left/Right				
Power supply	Phase				1~				
	Frequency			Hz	50				
	Voltage			V	220-440				
	Maximum fuse amps (MFA)			A	15				

Contains fluorinated greenhouse gases | (1) Refer to Xpress selection software to ensure compliance to specific product standard. Field supplied duct and fan might be required to install the BS box in very small spaces | (2) Accessory pipe required | (3) When connecting indoor units smaller or equal to 80 class (no need to cut the outlet pipe) | (4) When connecting indoor units larger or equal to 100 class (the outlet pipe needs to be cut) | (5) When connecting indoor units smaller or equal to 32 class (no need to cut the outlet pipe) | (6) When connecting indoor units between 40 & 80 class (the outlet pipe needs to be cut)

Designed for the
future

Creating a sustainable legacy together:

Determined to reduce our environmental footprint, we aim to be CO₂-neutral by 2050. A circular economy, innovation and smart use are the stepping stones on our path.
It is time to act, join us now!

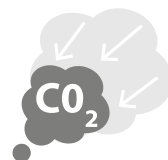
Lower CO₂ equivalents and market-leading versatility

Life is more rewarding with the new VRV 5.

Our new all-round performer covers all of your mini VRV applications in Daikin's most sustainable solution.

- › **Maximum flexibility** allowing installation in rooms down to 10 m² thanks to Shīrudo technology
- › **Top sustainability** over the entire lifecycle thanks to low GWP R-32 refrigerant and market-leading real life seasonal efficiency
- › **Ergonomic serviceability** and handling, thanks to wide access area to easily reach components within low-profile single fan casing
- › **Best-in-class design versatility** with five sound pressure levels down to 39 dB(A) and automatic ESP setting up to 45 Pa allowing ductwork
- › **Geared for comfort** with intuitive online and voice controls plus a new 10 class indoor unit for small rooms

www.daikin.eu/VRV5 



Reduced CO₂ equivalent

VRV 5

BLUEVOLUTION



VRV 5 S-series

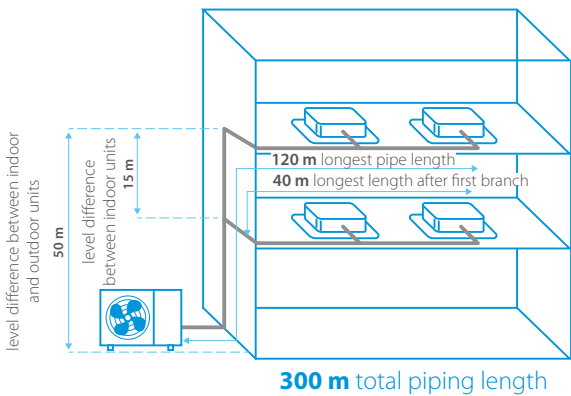
Lower CO₂ equivalent and market-leading flexibility

- › Reduced CO₂ equivalent thanks to the use of lower GWP R-32 refrigerant and lower refrigerant charge
- › Top sustainability over the entire lifecycle, thanks to market leading real-life seasonal efficiency
- › Low-height single fan range
- › Easy to transport thanks to lightweight and compact design
- › Wide access area to easily reach all key components
- › Tackle small room applications without any additional measures, thanks to Shīrudo technology
- › Specially designed indoor units for R-32, ensuring low sound and maximum efficiency

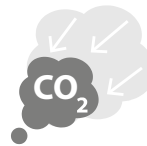


RXYSA-AV1_AY1

Only **869mm** high!



300 m total piping length



Reduced CO₂ equivalent



Flexibility to take care of every room



Already fully compliant to LOT 21 - Tier 2
Published data with real-life indoor units

More details and final information can be found by scanning or clicking the QR codes.



RXYSA-AV1



RXYSA-AY1


Outdoor unit		RXYSA	4AV1	5AV1	6AV1	4AY1	5AY1	6AY1	
Capacity range		HP	4	5	6	4	5	6	
Cooling capacity	Prated,c	kW	12.1	14.0	15.5	12.1	14.0	15.5	
Heating capacity	Prated,h	kW	12.1	14.0	15.5	12.1	14.0	15.5	
	Max. 6°CWB	kW	14.2	16.0	18.0	14.2	16.0	18.0	
Recommended combination			3x FXSA25A2VEB + 1x FXSA32A2VEB	4x FXSA32A2VEB	2x FXSA32A2VEB + 2x FXSA40A2VEB	3x FXSA25A2VEB + 1x FXSA32A2VEB	4x FXSA32A2VEB	2x FXSA32A2VEB + 2x FXSA40A2VEB	
ηs,c		%	324.5	306.1	301.0	312.5	294.8	289.9	
ηs,h		%	200.5	185.7	183.6	193.1	178.8	176.8	
SEER			8.2	7.7	7.6	7.9	7.4	7.3	
SCOP			5.1		4.7	4.9		4.5	
Maximum number of connectable indoor units			13 (1)	16 (1)	18 (1)	13 (1)	16 (1)	18 (1)	
Indoor index connection	Min.		50.0	62.5	70.0	50.0	62.5	70.0	
	Nom.		100	125	140	100	125	140	
	Max.		130.0	162.5	182.0	130.0	162.5	182.0	
Dimensions	Unit	HeightxWidthxDepth	mm						
Weight	Unit		kg						
Sound power level	Cooling	Nom.	dBA	67.0	68.1	69.0	67.0	68.1	69.0
	Heating	Prated,h	dBA	69.0	70.0	71.0	69.0	70.0	71.0
Sound pressure level	Cooling	Nom.	dBA	49.0		51.0	49.0		51.0
	Heating	Min.~Max.	°CDB	-5 ~46					
Operation range	Heating	Min.~Max.	°CWB	-20 ~16					
	Refrigerant	Type/GWP		R-32/675.0					
Piping connections	Charge		kg/TCO ₂ Eq	3.40/2.30					
	Liquid	OD	mm	9.52					
	Gas	OD	mm	15.9					
	Total piping length	System Actual	m	300					
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240			3N~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)	A	32			16			

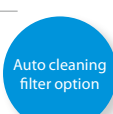
(1)The actual number of units depends on the connection ratio (CR) and the restrictions for the system.



VRV 5 indoor unit overview

Capacity class (kW)

Type	Model	Product name	10	15	20	25	32	40	50	63	71	80	100	125	140	200	250	
Ceiling mounted cassette	UNIQUE Round flow cassette	360° air discharge for optimum efficiency and comfort > Auto cleaning function ensures high efficiency > Intelligent sensors save energy and maximize comfort > Flexibility to suit every room layout > Lowest installation height in the market! > Widest choice ever in decoration panel designs and colors 			●	●	●	●	●	●			●	●	●			
	UNIQUE Fully flat cassette	Unique design that integrates fully flat into the ceiling > Perfect integration in standard architectural ceiling tiles > Blend of iconic design and engineering excellence > Intelligent sensors save energy and maximize comfort > Small capacity unit developed for small or well-insulated rooms > Flexibility to suit every room layout			●	●	●	●	●	●								
Concealed ceiling	Slim concealed ceiling unit	Slim design for flexible installation > Compact dimensions enable installation in narrow ceiling voids > Medium external static pressure up to 44Pa > Only grilles are visible > Small capacity unit developed for small of well-insulated rooms > Reduced energy consumption thanks to DC fan motor	●	●	●	●	●	●	●	●								
	Concealed ceiling unit with medium ESP	Slimmest yet most powerfull medium static pressure unit on the market! > Slimmest unit in class, only 245mm > Low operating sound level > Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths > Automatic air flow adjustment function measures the air volume and static pressure and adjusts it towards the nominal air flow, guaranteeing comfort			●	●	●	●	●	●			●	●	●	●		
	NEW Concealed ceiling unit with high ESP	ESP up to 270 Pa, ideal for extra large sized spaces > Optimum comfort guaranteed no matter the length of ductwork or type of grilles, thanks to automatic air flow adjustment > Large capacity unit: up to 31.5 kW heating capacity								●	●		●	●	●	●	●	
Wall mounted	Wall mounted unit	For rooms with no false ceilings nor free floor space > Flat, stylish front panel is more easy to clean > Small capacity unit developed for small of well-insulated rooms > Reduced energy consumption thanks to DC fan motor > The air is comfortably spread up- and downwards thanks to 5 different discharge angles		●	●	●	●	●	●	●								
Ceiling suspended	NEW Ceiling suspended unit	For wide rooms with no false ceilings nor free floor space > Ideal for comfortable air flow in wide rooms thanks to Coanda effect > Rooms with ceilings up to 3.8m can be heated or cooled very easily! > Can easily be installed in both new and refurbishment projects > Can even be mounted in corners or narrow spaces without any problem					●		●	●			●					
	NEW & UNIQUE 4-way blow ceiling suspended unit	Unique Daikin unit for high rooms with no false ceilings nor free floor space > Rooms with ceilings up to 3.5m can be heated up or cooled down very easily! > Can easily be installed in both new and refurbishment projects > Flexibility to suit every room layout							●				●					
Cooling capacity (kW) ¹				1.1	1.7	2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0	11.2	14.0	16.0	22.4	28.0
Heating capacity (kW) ²				1.3	1.9	2.5	3.2	4.0	5.0	6.3	8.0	9.0	10.0	12.5	16.0	18.0	25.0	31.5



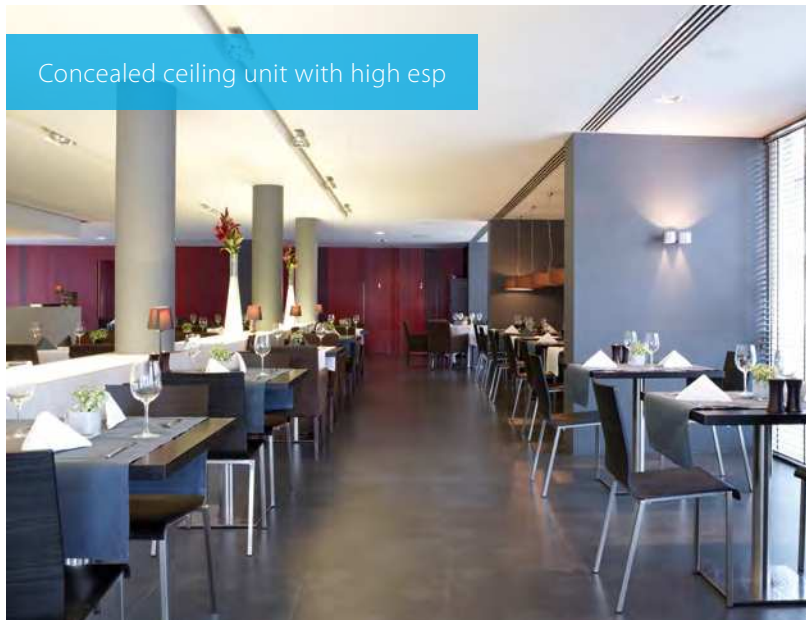
(1) Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m
 (2) Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m

VRV 5 indoor unit benefit overview

		Ceiling mounted cassette units		Concealed ceiling units			Wall mounted unit	Ceiling suspended units		
		FXFA-A	FXZA-A	FXDA-A	FXSA-A	NEW FXMA-A	FXAA-A	FXHA-A	FXUA-A	
We care	Home leave operation	Maintains the indoor temperature at your specified comfort level during absence, thus saving energy.	●	●	●	●	●	●	●	
	Fan only	The unit can be used as fan, blowing air without heating or cooling.	●	●	●	●	●	●	●	
	Auto cleaning filter	The filter automatically cleans itself. Simplicity of upkeep means optimum energy efficiency and maximum comfort without the need for expensive or time-consuming maintenance.	○		○					
	Floor and presence sensor	The presence sensor directs the air away from any person detected in the room, when the air flow control is on. The floor sensor detects the average floor temperature and ensures an even temperature distribution between ceiling and floor.	○	○					NEW ○	
Comfort	Draught prevention	When starting to warm up or when the thermostat is off, the air discharge direction is set horizontally and the fan to low speed, to prevent draught. After warming up, air discharge and fan speed are set as desired.	●	●					●	
	Whisper quiet	Daikin indoor units are whisper quiet. Also the outdoor units are guaranteed not to disturb the quiet of the neighbourhood.	●	●	●	●	●	●	●	
	Auto cooling-heating changeover	Automatically selects cooling or heating mode to achieve the set temperature.	●	●	●	●	●	●	●	
Air treatment	UV Streamer kit	Purifies the air of pollutants such as viruses, bacteria, fine dust (PM1.0), odours, allergens, etc ensuring a healthy and hygienic indoor environment	●							
	Air filter	Removes airborne dust particles to ensure a steady supply of clean air.	● (2) <small>(Optional high efficiency filter ePM10 60%)</small>	● (2)	● (2)	● (2)	● (2)	● (2)	● (2)	
Humidity control	Dry programme	Allows humidity levels to be reduced without variations in room temperature.	●	●	●	●	●	●	●	
Air flow	Ceiling soiling prevention	Prevents air from blowing out too long in horizontal position, to prevent ceiling stains.	●	●						
	Vertical auto swing	Possibility to select automatic vertical moving of the air discharge flaps for efficient air and temperature distribution throughout the room.	●	●			●	●	●	
	Fan speed steps	Allows to select up to the given number of fan speed.	5 + auto	3 + auto	3	3 + auto	3 (50-125) 3 + auto (200-250)	3 + auto	3	3 + auto
	Individual flap control	Individual flap control via the wired remote controller enables you to easily fix the position of each flap individually, to suit any new room configuration. Optional closure kits are available as well.	●	●						●
Remote control & timer	Onecta controller (BRP069C51)	Control your indoor climate from any location via smartphone or tablet.	○	○	○	○	○	○	○	
	Weekly timer	Can be set to start heating or cooling anytime on a daily or weekly basis.	○	○	○	○	○	○	○	
	Infrared remote control	Starts, stops and regulates the air conditioner from a distance.	○ (1)	○ (1)	○ (1)	○ (1)	○ (1)	○ (1)	○ (1)	
	Wired remote control	Starts, stops and regulates the air conditioner.	● (3)	● (3)	● (3)	● (3)	● (3)	● (3)	● (3)	
	Centralised control	Starts, stops and regulates several air conditioners from one central point.	○	○	○	○	○	○	○	○
Other functions	Auto-restart	The unit restarts automatically at the original settings after power failure.	●	●	●	●	●	●	●	
	Self-diagnosis	Simplifies maintenance by indicating system faults or operating anomalies.	●	●	●	●	●	●	●	
	Drain pump kit	Facilitates condensation draining from the indoor unit.	●	●	●	●	○	○	●	
	Multi tenant	The indoor unit's main power supply can be turned off when leaving the hotel or office building.	○ (4)	○ (4)	○ (4)	○ (4)	○ (4)	○ (4)		

(1) Must be combined with Madoka wired remote controller.
 (2) Pre filter
 (3) BRCH52W/S/K is a required option
 (4) Only in combination with REYA outdoors

● standard, ○ optional





4-way blow ceiling suspended unit



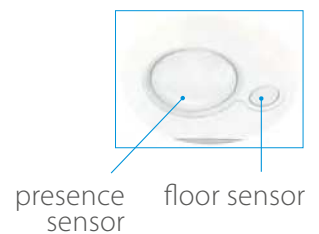
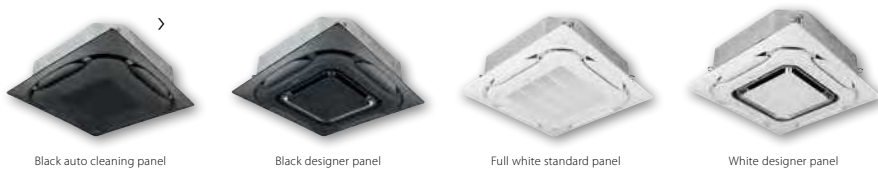
Fully flat cassette

Complete indoor
comfort, including
pure air

The round flow cassette

› Maximum comfort thanks to **360° air discharge and intelligent sensors**

› **Widest ever choice in panels** to match any interior



› **Auto cleaning panel** keeps the filter free of dust for maximum efficiency

› **UV streamer kit**

NEW › Purifies the air of pollutants such as viruses, bacteria, fine dust (PM1.0), odeurs, allergens, etc ensuring a healthy and hygienic indoor environment

› Highly efficient F7 filter (ISO classification under testing), UVC light and Streamer technology

› Can be **retrofitted** into existing installations



99.9%

of viruses removed in 30 minutes,
thanks to Daikin's unique
Catch & Clean approach

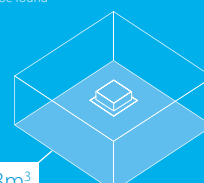
Tested at Intertek

Results based on tests performed in the laboratories of Intertek, in a 28m³ room. Daikin's Round flow cassette (FXFQ125B) removes more than 99.9% of enveloped viruses such as Corona viruses.

* Additional details regarding this function can be found in the unit technical manual.

Tested according to
real life sized room

28m³



View full
test report:

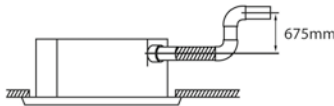


Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Optimised design for R-32 refrigerant
- › Optional automatic filter cleaning panel results in higher efficiency & comfort and lower maintenance costs.
- › Two optional intelligent sensors improve energy efficiency and comfort
- › Widest choice ever in decoration panels: designer panels in white (RAL9010) and black (RAL9005) and standard panels in white (RAL9010) with grey louvers or full white
- › Bigger flaps and unique swing pattern improve equal air distribution
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Lowest installation height in the market: 214mm for class 20-63
- › UV streamer kit, purifies the air of pollutants such as viruses, bacteria, fine dust (PM1.0), odeurs, allergens, etc ensuring a healthy and hygienic indoor environment
- › Optional fresh air intake
- › Standard drain pump with 675mm lift increases flexibility and installation speed

NEW



More details and final information can be found by scanning or clicking the QR codes.



Indoor Unit			FXFA	20A	25A	32A	40A	50A	63A	80A	100A	125A						
Cooling capacity	Total capacity	At high fan speed	kW	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00						
	At high fan speed																	
Heating capacity	Total capacity	At high fan speed	kW	2.50	3.20	4.00	5.00	6.30	8.00	10.00	12.50	16.00						
	At high fan speed																	
Power input - 50Hz	Cooling	At high fan speed	kW	0.017			0.018	0.023	0.028	0.045	0.078	0.103						
	Heating	At high fan speed	kW	0.017			0.018	0.023	0.028	0.045	0.078	0.103						
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840						246x840x840		288x840x840						
Weight	Unit		kg	18		19		21		24		26						
Casing	Material			Galvanised steel plate														
Decoration panel	Model			Standard panels: BYCQ140E2W1 - white with grey louvers / BYCQ140E2W1W - full white / BYCQ140E2W1B - black Auto cleaning panels: BYCQ140E2GFW1 - white / BYCQ140E2GFW1B - black Designer panels: BYCQ140E2P - white / BYCQ140E2PB - black														
	Dimensions	HeightxWidthxDepth	mm	Standard panels: 65x950x950 / Auto cleaning panels: 148x950x950 / Designer panels: 106x950x950														
Fan	Air flow rate - 50Hz	Weight	kg	Standard panels: 5.5 / Auto cleaning panels: 10.3 / Designer panels: 6.5														
		Cooling	At high / medium high / medium / medium low / low fan speed	m ³ /min	12.8/11.8/10.7/9.8/8.9		14.8/13.7/12.6/11.5/10.4		15.1/14.0/12.8/11.8/10.7		16.6/15.0/13.3/12.0/10.7		23.3/21.7/19.3/16.5/13.8		28.8/25.1/21.2/17.5/13.8		33.0/30.2/27.4/24.0/20.6	
			Heating	At high / medium high / medium / medium low / low fan speed	m ³ /min	12.8/11.8/10.7/9.8/8.9		14.8/13.7/12.6/11.5/10.4		15.1/14.0/12.8/11.8/10.7		16.6/15.0/13.3/12.0/10.7		23.3/21.7/19.3/16.5/13.8		29.0/25.1/21.2/17.5/13.8		33.0/30.2/27.4/24.0/20.6
Air filter	Type			Resinnet														
Sound power level	Cooling	At high fan speed	dBA	49.0			51.0		53.0		55.0		60.0		61.0			
		At high / medium high / medium / medium low / low fan speed	dBA	31.0/30.0/29.0/29.5/28.0			33.0/32.0/31.0/30.0/29.0		35.0/34.0/33.0/32.0/30.0		38.0/36.0/34.0/32.0/30.0		43.0/41.0/37.0/34.0/30.0		45.0/43.0/41.0/39.0/36.0			
		Heating	At high / medium high / medium / medium low / low fan speed	dBA	31.0/30.0/29.0/29.5/28.0			33.0/32.0/31.0/30.0/29.0		35.0/34.0/33.0/32.0/30.0		38.0/36.0/34.0/32.0/30.0		43.0/41.0/37.0/34.0/30.0		45.0/43.0/41.0/39.0/36.0		
Refrigerant	Type/GWP			R-32/675.0														
Piping connections	Liquid	OD	mm	6.35						9.52								
	Gas	OD	mm	9.52			12.70				15.90							
	Drain			VP25 (O.D. 32 / I.D. 25)														
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/60/220-240/220														
Current - 50Hz	Maximum fuse amps (MFA)	A		6														
Control systems	Infrared remote control			BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB														
	Wired remote control			BRC1H52W/S/K														

Contains fluorinated greenhouse gases

Fully Flat Cassette

Design & Genius in one



Why choose fully flat cassette

- › Unique design in the market that integrates fully flat into the ceiling
- › Advanced technology and top efficiency combined
- › Most quiet cassette available on the market

FXZQ-A



Choice between grey or white panel

Benefits for the installer

- › Unique product in the market!
- › Most quiet unit (25dBA)
- › The user-friendly remote control, available in several languages, enables the easy set-up of sensor option and control of the individual flap position
- › Meeting European design taste.

Benefits for the consultant

- › Unique product in the market!
- › Blends seamlessly in any modern office interior design
- › Ideal product to improve BREEAM score/EPBD in combination with Sky Air (FFA*) or VRV IV heat pump units (FXZQ*).

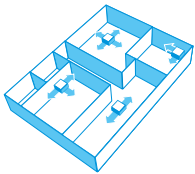
Benefits for the end user

- › Engineering excellence and unique design in one
- › Most quiet unit (25dBA)
- › Perfect working conditions: no more cold draughts
- › Save up to 27% on your energy bill thanks to the optional sensors
- › Flexible usage of space and suits any room configuration thanks to individual flap control
- › User-friendly remote control, available in several languages.

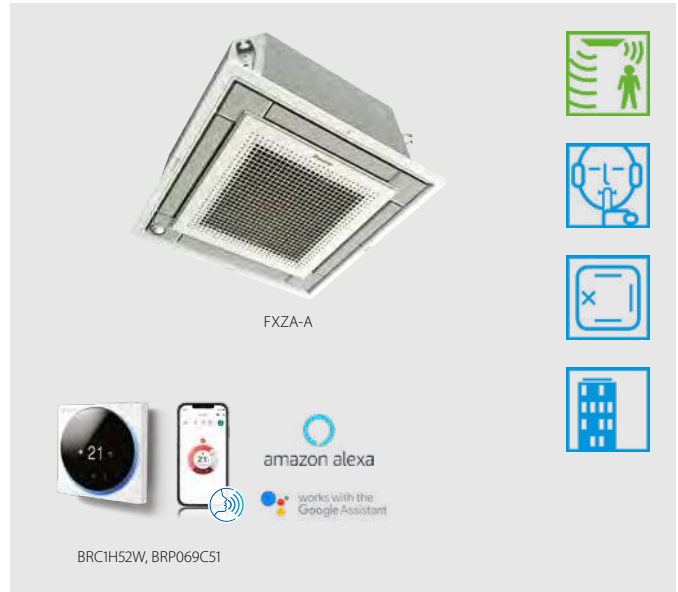
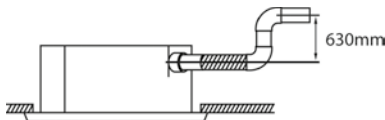
Fully flat cassette

Unique design in the market that integrates fully flat into the ceiling

- › Optimised design for R-32 refrigerant
- › Fully flat integration in standard architectural ceiling tiles, leaving only 8mm
- › Remarkable blend of iconic design and engineering excellence with an elegant finish in white or a combination of silver and white
- › Two optional intelligent sensors improve energy efficiency and comfort
- › 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!



- › Optional fresh air intake
- › Standard drain pump with 630mm lift increases flexibility and installation speed



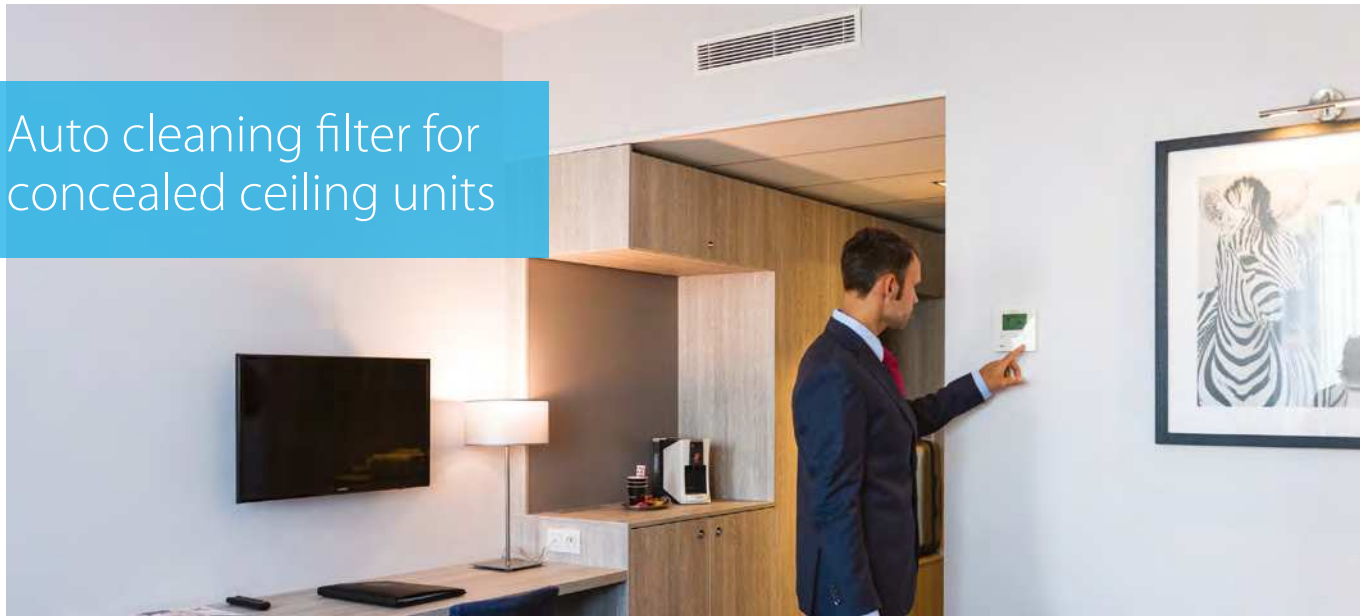
More details and final information can be found by scanning or clicking the QR codes.



Indoor Unit		FXZA		15A	20A	25A	32A	40A	50A		
Cooling capacity	Total capacity	At high fan speed		kW	1.70	2.20	2.80	3.60	4.50	5.60	
	Heating capacity	Total capacity	At high fan speed		kW	1.90	2.50	3.20	4.00	5.00	6.30
Power input - 50Hz	Cooling	At high fan speed		kW	0.018		0.020	0.019	0.029	0.048	
	Heating	At high fan speed		kW	0.018		0.020	0.019	0.029	0.048	
Dimensions	Unit	HeightxWidthxDepth		mm	260x575x575						
Weight	Unit			kg	15.5		16.5		18.5		
Casing	Material	Galvanised steel plate									
Decoration panel	Model	BYFQ60C4W1W									
	Colour	White (N9.5)									
	Dimensions	HeightxWidthxDepth		mm	46x620x620						
	Weight	kg									
Decoration panel 2	Model	BYFQ60C4W1S									
	Colour	SILVER									
	Dimensions	HeightxWidthxDepth		mm	46x620x620						
	Weight	kg									
Decoration panel 3	Model	BYFQ60B3W1 + wire harness EKRS23									
	Colour	WHITE (RAL9010)									
	Dimensions	HeightxWidthxDepth		mm	55x700x700						
	Weight	kg									
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed		m ³ /min	8.5/7.0/6.5	8.7/7.5/6.5	9.0/8.0/6.5	10.0/8.5/7.0	11.5/9.5/8.0	14.0/12.5/10.0
		Heating	At high / medium / low fan speed		m ³ /min	8.5/7.0/6.5	8.7/7.5/6.5	9.0/8.0/6.5	10.0/8.5/7.0	11.5/9.5/8.0	14.0/12.5/10.0
Air filter	Type	Resin net									
Sound power level	Cooling	At high fan speed		dBA	49		50	51	54	60	
		At high / medium / low fan speed		dBA	31.5/28.0/25.5	32.0/29.5/25.5	33.0/30.0/25.5	33.5/30.0/26.0	37.0/32.0/28.0	43.0/40.0/33.0	
Sound pressure level	Heating	At high / medium / low fan speed		dBA	31.5/28.0/25.5	32.0/29.5/25.5	33.0/30.0/25.5	33.5/30.0/26.0	37.0/32.0/28.0	43.0/40.0/33.0	
		At high / medium / low fan speed		dBA	31.5/28.0/25.5	32.0/29.5/25.5	33.0/30.0/25.5	33.5/30.0/26.0	37.0/32.0/28.0	43.0/40.0/33.0	
Refrigerant	Type/GWP	R-32/675.0									
Piping connections	Liquid	OD	mm		6.35						
	Gas	OD	mm		9.52		12.70				
	Drain	VP20 (I.D. 20/O.D. 26)									
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/60/220-240/220							
Current - 50Hz	Maximum fuse amps (MFA)	A		6							
Control systems	Infrared remote control	BRC7F530W (white panel) / BRC7F530S (grey panel) / BRC7EB530W (standard panel) (1)									
Control systems	Wired remote control	BRC1H52W/S/K									

Dimensions do not include control box | (1) Must be combined with Madoka wired remote controller | Contains fluorinated greenhouse gases

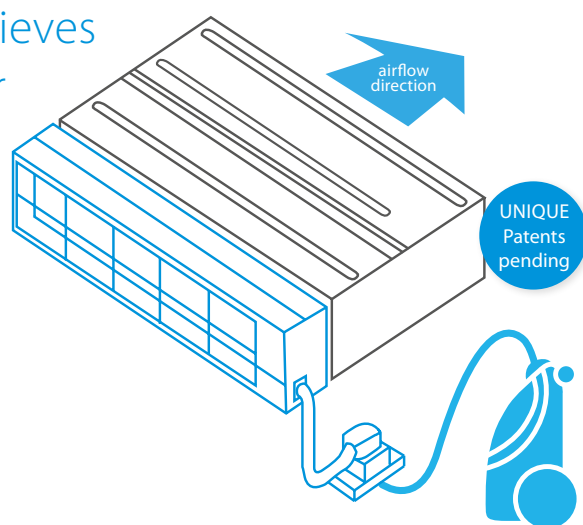
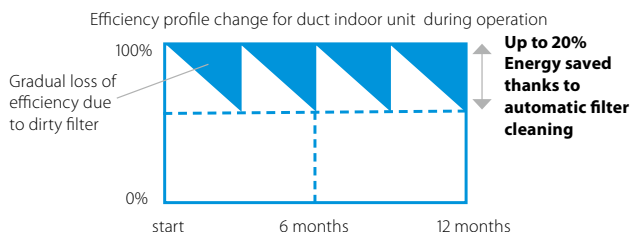
Auto cleaning filter for concealed ceiling units



The unique automatic cleaning filter achieves higher efficiency and comfort with lower maintenance costs

Reduce running costs

- › Automatic filter cleaning ensures low maintenance costs because the filter is always clean



Minimal time required for filter cleaning

- › The dust box can be emptied with a vacuum cleaner for fast and easy cleaning
- › No more dirty ceilings

Improved indoor air quality

- › Optimum airflow eliminates draft and insulates sound

Superb reliability

- › Prevents clogged filters for seamless operation

Unique technology

- › Unique and innovative filter technology inspired by the Daikin auto cleaning cassette



How does it work?

- 1 Scheduled automatic filter cleaning
- 2 Dust collects in a dust box that's integrated into the unit
- 3 The dust can easily be removed with a vacuum cleaner



Combination table

	Split / Sky Air				VRV						
	FDXM-F9				FXDA-A/FXDQ-A3						
	25	35	50	60	15	20	25	32	40	50	63
BAE20A62	•	•			•	•	•	•			
BAE20A82									•	•	
BAE20A102			•	•							•

Specifications

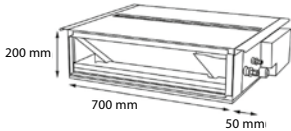
	BAE20A62	BAE20A82	BAE20A102
Height (mm)	210		
Width (mm)	830	1,030	1,230
Depth (mm)	188		

Slim concealed ceiling unit

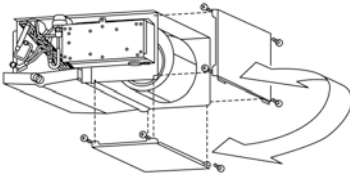
Slim design for flexible installation

- Optimised design for R-32 refrigerant
- 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- Compact dimensions, can easily be mounted in a ceiling void of only 240mm

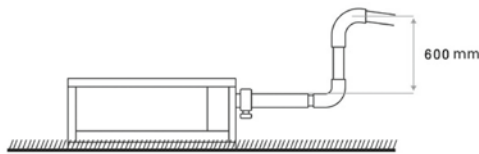
SERIE A (15, 20, 25, 32)



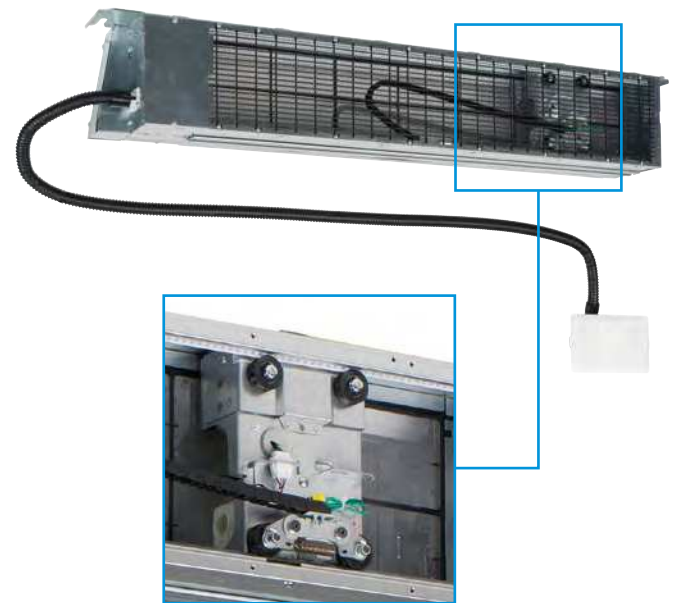
- Medium external static pressure up to 44Pa facilitates unit use with flexible ducts of varying lengths
- Discretely concealed in the wall: only the suction and discharge grilles are visible
- Optional auto cleaning filter option ensures maximum efficiency, comfort and reliability by regular filter cleaning
- Flexible installation, as the air suction direction can be altered from rear to bottom suction



- Standard drain pump with 600mm lift increases flexibility and installation speed



More details and final information can be found by scanning or clicking the QR codes.



Auto cleaning filter option

Indoor Unit		FXDA		10A	15A	20A	25A	32A	40A	50A	63A	
Cooling capacity	Total capacity	At high fan speed		kW	1.10	1.70	2.20	2.80	3.60	4.50	5.60	7.10
	Heating capacity	Total capacity	At high fan speed		kW	1.30	1.90	2.50	3.20	4.00	5.00	6.30
Power input - 50Hz	Cooling	At high fan speed		kW	0.026	0.035	0.030		0.035	0.038	0.049	0.058
	Heating	At high fan speed		kW	0.026	0.035	0.030		0.035	0.038	0.049	0.058
Required ceiling void >			mm	240								
Dimensions	Unit	Height	Width	Depth	200x750x620				200x950x620		200x1,150x620	
Weight	Unit			kg	22.0			23.0	26.5		30.5	
Casing	Material		Galvanised steel									
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed		m ³ /min	5.2/4.9/4.7	6.5/6.2/5.8	8.0/7.2/6.4		10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0
		Heating	At high / medium / low fan speed		m ³ /min	5.2/4.9/4.7	6.5/6.2/5.8	8.0/7.2/6.4		10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0
	External static pressure - 50Hz	Factory set / High		Pa	10/30				15/44			
Air filter	Type		Removable / washable									
Sound power level	Cooling	At high fan speed		dB(A)	48	50	51		52	53	54	
	Sound pressure level	Cooling	At high / medium / low fan speed		dB(A)	29.0/28.0/26.0	32.0/31.0/27.0	33.0/31.0/27.0		34.0/32.0/28.0	35.0/33.0/29.0	36.0/34.0/30.0
Refrigerant	Heating	At high / medium / low fan speed		dB(A)	29.0/28.0/26.0	32.0/31.0/27.0	33.0/31.0/27.0		34.0/32.0/28.0	35.0/33.0/29.0	36.0/34.0/30.0	
	Type/GWP	R-32/675.0										
Piping connections	Liquid	OD	mm		6							
	Gas	OD	mm		9.52				12.70			
	Drain	VP20 (I.D. 20/O.D. 26)										
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220								
Current - 50Hz	Maximum fuse amps (MFA)		A	6								
Control systems	Infrared remote control		BRC4C65 (I)									
	Wired remote control		BRC1H52W/S/K									

(1) Must be combined with Madoka wired remote controller | Contains fluorinated greenhouse gases

Concealed ceiling unit with medium ESP

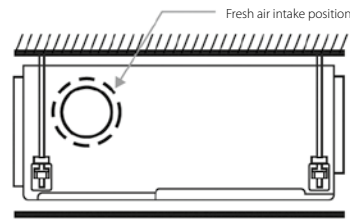
Slimmest yet most powerful medium static pressure unit on the market

- › Optimised design for R-32 refrigerant
- › Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge



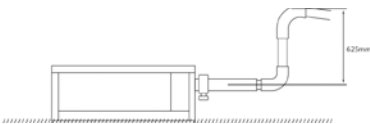
- › Quiet operation: down to 25dBA sound pressure level
- › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Discretely concealed in the wall: only the suction and discharge grilles are visible
- › 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- › Optional fresh air intake
- › Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required
- › Standard built-in drain pump with 625mm lift increases flexibility and installation speed

Fresh air intake opening in casing



* Brings in up to 10% of fresh air into the room

- › Standard built-in drain pump with 625mm lift increases flexibility and installation speed



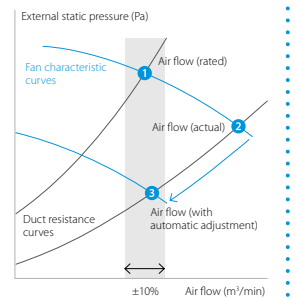
Automatic Airflow Adjustment function

Automatically selects the most appropriate fan curve to achieve the units' nominal air flow within ±10%

Why?

After installation the real ducting will frequently differ from the initially calculated air flow resistance * the real air flow may be much lower or higher than nominal, leading to a lack of capacity or uncomfortable air temperature

Automatic Airflow Adjustment function will adapt the unit's fan speed to any ducting automatically (10 or more fan curves are available on every model), making installation much faster



More details and final information can be found by scanning or clicking the QR codes.



FXSA-A

Indoor Unit		FXSA	15A	20A	25A	32A	40A	50A	63A	80A	100A	125A	140A	
Cooling capacity	Total capacity	At high fan speed		kW										
	At high fan speed	1.70	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	16.00		
Heating capacity	Total capacity	At high fan speed		kW										
	At high fan speed	1.90	2.50	3.20	4.00	5.00	6.30	8.00	10.00	12.50	16.00	18.00		
Power input - 50Hz	Cooling	At high fan speed		kW										
	At high fan speed			0.046	0.049	0.094	0.096	0.106	0.143	0.176	0.216	0.272		
Heating	At high fan speed		kW											
	At high fan speed		0.046	0.049	0.094	0.096	0.106	0.143	0.176	0.216	0.272			
Dimensions	Unit	HeightxWidthxDepth		mm										
Weight	Unit			23.5		24.0	28.5	29.0	35.5	36.5	46.0	47.0	51.0	
Casing	Material		Galvanised steel plate											
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed		m ³ /min									
		At high / medium / low fan speed	8.7/7.5/6.5	9.0/7.5/6.5	9.5/8.0/7.0	15.0/12.5/11.0	15.2/12.5/11.0	21.0/18.0/15.0	23.0/19.5/16.0	32.0/27.0/23.0	36.0/31.5/26.0	39.0/34.0/28.0		
	Heating	At high / medium / low fan speed		m ³ /min										
External static pressure - 50Hz	Factory set / High		Pa		30/150		40/150		50/150					
Air filter	Type		Resin net											
Sound power level	Cooling	At high fan speed		dBA										
	At high fan speed			54	55	60	59	61	64					
Sound pressure level	Cooling	At high / medium / low fan speed		dBA										
	At high / medium / low fan speed	29.5/28.0/25.0	30.0/28.0/25.0	31.0/29.0/26.0	35.0/32.0/29.0	33.0/30.0/27.0	35.0/32.0/29.0	35.0/32.0/28.0	37.0/34.0/30.0	37.0/34.0/31.0	40.0/37.0/33.0	41.5/38.0/34.0		
Refrigerant	Type/GWP		R-32/675.0											
	Liquid	OD	mm		6.35		12.70		9.52					
Piping connections	Gas	OD	mm		9.52		12.70		15.90					
	Drain			VP20 (I.D. 20/O.D. 26), drain height 625 mm										
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/60/220-240/220									
Current - 50Hz	Maximum fuse amps (MFA)		A		6									
Control systems	Infrared remote control		BRC4C65 / BRC4C66 (1)											
	Wired remote control		BRC1H52W/S/K											

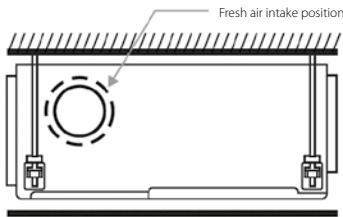
(1) Must be combined with Madoka wired remote controller | Contains fluorinated greenhouse gases

Concealed ceiling unit with high ESP

Ideal for large sized spaces ESP up to 250 Pa

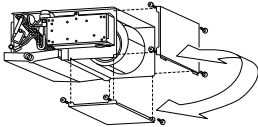
- › Optimised design for R-32 refrigerant
- › High external static pressure up to 250Pa facilitates extensive duct and grille network
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Discretely concealed in the wall: only the suction and discharge grilles are visible
- › Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required (50-125 class)

Fresh air intake opening in casing

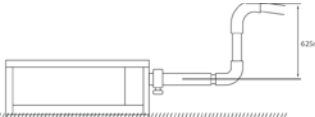


* Brings in up to 10% of fresh air into the room

- › Flexible installation, as the air suction direction can be altered from rear to bottom suction (50-125 class)



- › Standard built-in drain pump with 625mm lift increases flexibility and installation speed (optional for 200-250)



- › Large capacity unit: up to 31.5 kW heating capacity

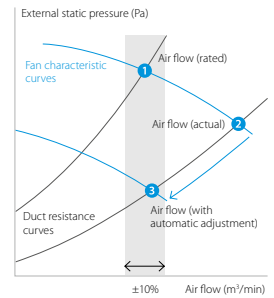


Automatic Airflow Adjustment function

Automatically selects the most appropriate fan curve to achieve the units' nominal air flow within $\pm 10\%$

Why?

- › After installation the real ducting will frequently differ from the initially calculated air flow resistance * the real air flow may be much lower or higher than nominal, leading to a lack of capacity or uncomfortable air temperature
- › Automatic Airflow Adjustment function will adapt the unit's fan speed to any ducting automatically (10 or more fan curves are available on every model), making installation much faster



More details and final information can be found by scanning or clicking the QR codes.



FXMA-A

Indoor Unit		FXMA	50A	63A	80A	100A	125A	200A	250A	
Cooling capacity	Total capacity At high fan speed	kW	5.6	7.1	9.0	11.2	14.0	22.4	28.0	
	Nom.	kW						22.4	28.0	
Heating capacity	Total capacity At high fan speed	kW	6.3	8.0	10.0	12.5	16.0	25.0	31.5	
	Nom.	kW						25.0	31.5	
Power input - 50Hz	Cooling At high fan speed	kW	0.125	0.140	0.198	0.191	0.254	0.54	0.65	
	Heating At high fan speed	kW	0.125	0.140	0.198	0.191	0.254	0.54	0.65	
Required ceiling void >		mm	350							
Dimensions	Unit	HeightxWidthxDpeth	300x1,000x700			300x1,400x700		470x1,490x1,100		
Weight	Unit	kg	35			46		105		
Casing	Material		Galvanised steel plate							
Fan	Air flow rate - 50Hz	Cooling At high / medium / low fan speed	m³/min	18.0/16.5/15.0	19.5/17.5/16.0	25.0/22.5/20.0	32.0/27.0/23.0	36.0/30.0/26.0	62/48/41	74/64/52
		Heating At high / medium / low fan speed	m³/min	18.0/16.5/15.0	19.5/17.5/16.0	25.0/22.5/20.0	32.0/27.0/23.0	36.0/30.0/26.0	62/48/41	74/64/52
	External static pressure - 50Hz	Factory set / High / Low	Pa	100/200/-			150/250/50			
Air filter	Type		Resin net							
Sound power level	Cooling At high / medium / low fan speed	dBA	61.0/60.0/58.0	64.0/61.0/59.0	67.0/64.0/62.0	65.0/61.0/56.0	70.0/66.0/62.0	75/74/72	76/75/73	
	Heating At high / medium / low fan speed	dBA	41.0/39.0/37.0	42.0/40.0/38.0	43.0/41.0/39.0		44.0/42.0/40.0	48/46.5/45		
Sound pressure level	Cooling At high / medium / low fan speed	dBA	41.0/39.0/37.0	42.0/40.0/38.0	43.0/41.0/39.0		44.0/42.0/40.0	48/46.5/45		
	Heating At high / medium / low fan speed	dBA	41.0/39.0/37.0	42.0/40.0/38.0	43.0/41.0/39.0		44.0/42.0/40.0	48/46.5/45		
Refrigerant	Type/GWP		R-32/675							
Piping connections	Liquid OD	mm	6.35					9.52		
	Gas OD	mm	12.70			15.90		19.1		
	Drain		VP25 (I.D. 25/O.D. 32)					BSP1		
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220					1~/50/60/220-240/220-230		
Current - 50Hz	Maximum fuse amps (MFA)	A				6				
Control systems	Infrared remote control		BRC4C65 / BRC4C66					BRC4C65		
	Wired remote control					BRC1H52W/S/K				

Contains fluorinated greenhouse gases

Wall mounted unit

For rooms with no false ceilings nor free floor space

- > Optimised design for R-32 refrigerant
- > Flat, stylish front panel blends easily within any interior décor and is easier to clean
- > Can easily be installed in both new and refurbishment projects
- > The air is comfortably spread up- and downwards thanks to 5 different discharge angles that can be programmed via the remote control
- > Maintenance operations can be performed easily from the front of the unit



More details and final information can be found by scanning or clicking the QR codes.



FXAA-A

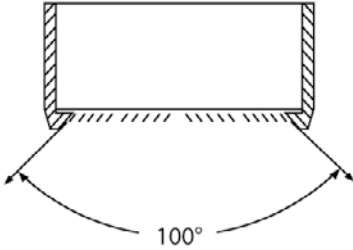
Indoor Unit				FXAA	15A	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	At high fan speed	kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1	
	Heating capacity	Total capacity	At high fan speed	kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Power input – 50Hz	Cooling	At high fan speed	kW	0.017	0.019	0.028	0.030	0.025	0.033	0.050	
	Heating	At high fan speed	kW	0.025	0.029	0.034	0.035	0.030	0.039	0.060	
Dimensions	Unit	HeightxWidthxDepth	mm	290x795x266					290x1,050x269		
Weight	Unit		kg	12					15		
Fan	Air flow rate – 50Hz	Cooling	At high/medium/low fan speed	m ³ /min	7.1/6.8/6.5	7.9/7.2/6.5	8.3/7.4/6.5	9.4/8.0/6.5	12.2/11.0/9.8	14.2/12.6/10.9	18.2/15.5/12.9
		Heating	At high/medium/low fan speed	m ³ /min	7.8/7.1/6.5	8.6/7.5/6.5	9.0/7.7/6.5	9.9/8.2/6.5	12.2/11.0/9.8	15.2/13.7/12.1	18.7/16.4/14.1
Air filter	Type			Removable / washable							
Sound power level	Cooling	At high fan speed	dB(A)	51.0	52.0	53.0	55.0		58.0	63.0	
	Heating	At high/medium/low fan speed	dB(A)	32.0/30.5/28.5	33.0/31.0/28.5	35.0/32.0/28.5	37.5/33.0/28.5	37.0/35.5/33.5	41.0/38.5/35.5	46.5/42.5/38.5	
Sound pressure level	Cooling	At high/medium/low fan speed	dB(A)	33.0/31.0/28.5	34.0/31.5/28.5	36.0/32.5/28.5	38.5/33.5/28.5	38.0/36.0/33.5	42.0/39.0/35.5	47.0/43.0/38.5	
	Heating	At high/medium/low fan speed	dB(A)	33.0/31.0/28.5	34.0/31.5/28.5	36.0/32.5/28.5	38.5/33.5/28.5	38.0/36.0/33.5	42.0/39.0/35.5	47.0/43.0/38.5	
Refrigerant	Type/GWP			R-32/675.0							
Piping connections	Liquid	OD	mm	6.35				12.70			
	Gas	OD	mm	9.52				12.70			
	Drain			VP13 (I.D. 15/O.D. 18)							
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50 /220-240							
Current – 50Hz	Maximum fuse amps (MFA)		A	6							
Control systems	Infrared remote control			BRC7EA630 (1)							
	Wired remote control			BRC1H52W/S/K							

(1) Must be combined with Madoka wired remote controller | Contains fluorinated greenhouse gases

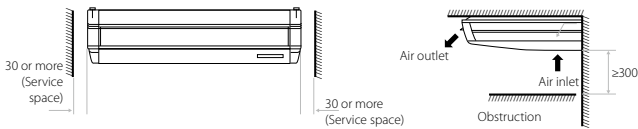
Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

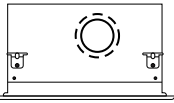
- › Optimised design for R-32 refrigerant
- › Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle



- › Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects
- › Can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space



- › Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required
- Fresh air intake opening in casing



* Brings in up to 10% of fresh air into the room

- › Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating.



More details and final information can be found by scanning or clicking the QR codes.



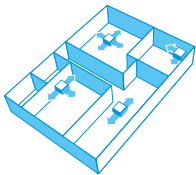
Indoor Unit		FXHA		32A		50A		63A		100A	
Cooling capacity	Total capacity	At high fan speed		kW		3.6		5.6		7.1	
	Nom.			kW		3.6		5.6		7.1	
Heating capacity	Total capacity	At high fan speed		kW		4.0		6.3		8.0	
	Nom.			kW		4.0		6.3		8.0	
Power input - 50Hz	Cooling	At high fan speed		kW		0.033		0.037		0.051	
	Heating	At high fan speed		kW		0.033		0.037		0.051	
Dimensions	Unit	Height	Width	Depth	mm	235x960x690		235x1,270x690		235x1,590x690	
Weight	Unit			kg		28		36		43	
Casing	Material	Resin, sheet metal									
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed		m ³ /min	12.5/11.0/10.0		16.0/14.0/12.5		17.5/15.0/13.0	
		Heating	At high / medium / low fan speed		m ³ /min	12.5/11.0/10.0		16.0/14.0/12.5		17.5/15.0/13.0	
Air filter	Type	Resin net									
Sound power level	Cooling	At high / medium / low fan speed			dBA	54.0/52.0/49.0		54.0/52.0/50.0		55.0/53.0/52.0	
		At high / medium / low fan speed			dBA	36.0/34.0/31.0		36.5/34.5/33.0		37.0/35.0/34.0	
		At high / medium / low fan speed			dBA	36.0/34.0/31.0		36.5/34.5/33.0		37.0/35.0/34.0	
Refrigerant	Type/GWP		R-32/675								
	Piping connections	Liquid	OD	mm			6.35				9.52
		Gas	OD	mm	9.52				12.7		15.9
	Drain	VP20									
Power supply	Phase/Frequency/Voltage			Hz/V		1~/50/60/220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)			A		6					
Control systems	Infrared remote control		BRC7GA53-9								
	Wired remote control		BRC1H52W/S/K								

Contains fluorinated greenhouse gases

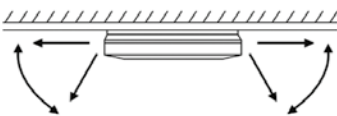
4-way blow ceiling suspended unit

Unique Daikin unit for high rooms with no false ceilings nor free floor space

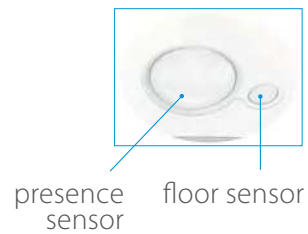
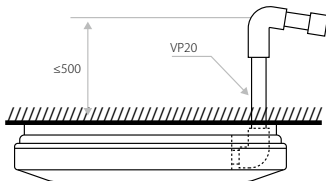
- › Optimised design for R-32 refrigerant
- › Even rooms with ceilings up to 3.5m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects
- › Two optional intelligent sensors improve energy efficiency and comfort
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!



- › Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating.
- › Optimum comfort guaranteed with automatic air flow adjustment to the required load
- › 5 different discharge angles between 0 and 60° can be programmed via the remote control



- › Standard drain pump with 720mm lift increases flexibility and installation speed



More details and final information can be found by scanning or clicking the QR codes.



FXUA-A

Indoor Unit		FXUA		50A	71A	100A		
Cooling capacity	Total capacity	At high fan speed		kW	5.6	8.0	11.2	
	Nom.			kW	5.6	8.0	11.2	
Heating capacity	Total capacity	At high fan speed		kW	6.3	9.0	12.5	
	Nom.			kW	6.3	9.0	12.5	
Power input - 50Hz	Cooling	At high fan speed		kW	0.029	0.055	0.117	
	Heating	At high fan speed		kW	0.029	0.055	0.117	
Dimensions	Unit	Height	Width	Depth	198x950x950			
Weight	Unit					27	28	
Casing	Material	Resin						
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed		m ³ /min	17.0/14.5/13.0	22.5/18.5/16.0	31.0/25.5/21.0
		Heating	At high / medium / low fan speed		m ³ /min	17.0/14.5/13.0	22.5/18.5/16.0	31.0/25.5/21.0
Air filter	Type	Resin net						
Sound power level	Cooling	At high / medium / low fan speed		dB(A)	55.0/53.0/51.0	58.0/56.0/54.0	65.0/62.0/58.0	
	Heating	At high / medium / low fan speed		dB(A)	37.0/35.0/33.0	40.0/38.0/36.0	47.0/44.0/40.0	
Sound pressure level	Cooling	At high / medium / low fan speed		dB(A)	37.0/35.0/33.0	40.0/38.0/36.0	47.0/44.0/40.0	
	Heating	At high / medium / low fan speed		dB(A)	37.0/35.0/33.0	40.0/38.0/36.0	47.0/44.0/40.0	
Refrigerant	Type/GWP	R-32/675						
Piping connections	Liquid	OD			mm	6.35	9.52	
	Gas	OD			mm	12.7	15.9	
	Drain	VP20						
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220			
Current - 50Hz	Maximum fuse amps (MFA)			A	6			
Control systems	Infrared remote control		BRC7CB58 / BRC7CB59					
	Wired remote control		BRC1H52W/S/K					

Contains fluorinated greenhouse gases



Supporting a circular economy of refrigerants

LOOP

B Y D A I K I N

Towards a circular economy of refrigerants

With L∞P by Daikin we want to step away from producing more waste. Instead we will reuse what is already available, in a qualitative way.

- › Saves over 400,000 kg of virgin refrigerant being produced every year
- › Greatly reduces the CO₂ footprint of refrigerant production with 72%!

For units produced and sold in Europe

- › Exclusive to Daikin reclaimed gas is now used in our units
- › Administratively allocated to VRV and chillers produced and sold in Europe

For more information visit
www.daikin.eu/loop-by-daikin



The most extensive VRV range on the market

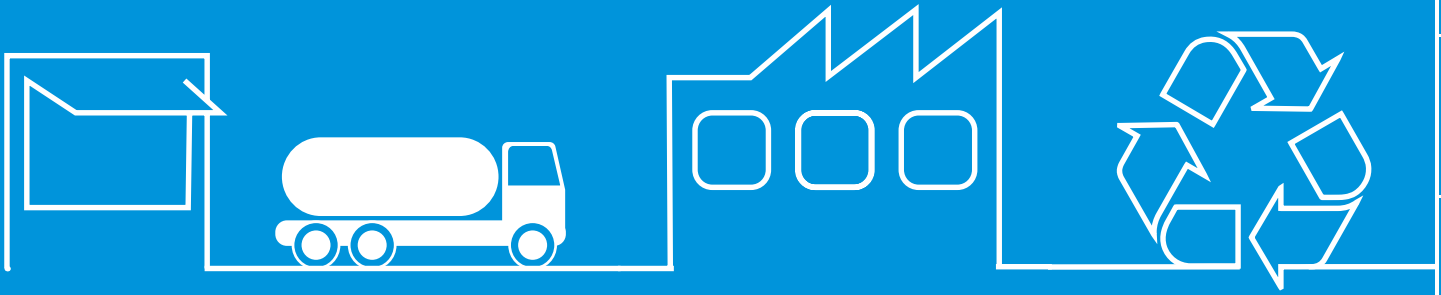


VRV i-series

VRV S-series

VRV W-series

Heat recovery, heat pump and replacement series



Recover

We recover your **old refrigerant** for you from any unit and any brand.

Reclaim

The refrigerant is reclaimed in Europe, meaning regenerated in a **high-quality** way, in line with F-gas regulation definition.

Reuse

The reclaimed refrigerant is mixed with virgin refrigerant. The refrigerant's quality is **certified** by an independent laboratory. It meets AHRI 700 certified standards.



400,000kgs/year

72% lower CO₂ footprint for production

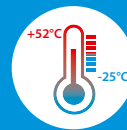
For every application, a solution



Heat recovery with unique 3-pipe technology



Heat pump models with unique continuous heating during defrost



Dedicated hot and cold climate heat pumps offering efficient cooling up to 52°C and heating down to -25°C



Space saving mini VRV solutions, offering the most compact VRV



The invisible VRV, a unique solution when the outdoor unit must be compact and completely invisible



Replacement solutions to replace existing systems in the most cost-effective way



Water-cooled heat recovery and heat pump units, ideal for high rise buildings using water as heat source



A complete total solution integrating a wide range of indoor units, air curtains, hot water hydroboxes and ventilation units including air handling units



Products overview **VRV IV**

LOOP ⁽¹⁾
BY DAIKIN

R-410A

Model	Product name	4	5	6	8	10	12	13	14	16	18	20	22	24	26	28	30
Air cooled - heat recovery	UNIQUE VRV IV heat recovery Best efficiency & comfort solution <ul style="list-style-type: none"> Fully integrated solution with heat recovery for maximum efficiency Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, air handling units and Biddle air curtains "Free" heating and hot water through heat recovery The perfect personal comfort for guests/tenants via simultaneous cooling and heating Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature and continuous heating Allows technical cooling Widest range of BS boxes on the market 	REYQ-U VRV IV+															
	VRV IV heat pump with continuous heating Daikin's optimum solution with top comfort <ul style="list-style-type: none"> Continuous heating during defrost Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, air handling units and Biddle air curtains Connectable to stylish indoor units (Daikin Emura, Stylish,...) Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature and continuous heating 	RYYQ-U* VRV IV+															
	VRV IV heat pump without continuous heating Daikin's solution for comfort & low energy consumption <ul style="list-style-type: none"> Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, air handling units and Biddle air curtains Connectable to stylish indoor units (Daikin Emura, Stylish,...) Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature 	RXYQ-U* VRV IV+															
Air cooled - heat pump	VRV IV S-series Compact The most compact VRV <ul style="list-style-type: none"> Compact and lightweight single fan design saves space and is easy to install Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air curtains Either connect VRV of stylish indoor units (Daikin Emura, Stylish,...) Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature 	RXYSQ-TV1 VRV IV S-series Compact															
	UNIQUE VRV IV S-series Space saving solution without compromising on efficiency <ul style="list-style-type: none"> Space saving trunk design for flexible installation Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air curtains Either connect VRV of stylish indoor units (Daikin Emura, Stylish,...) Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature 	RXYSQ-TV9/ TY9/TY1 VRV IV S-series				TV9											
	VRV IV heat pump for indoor installation The invisible VRV <ul style="list-style-type: none"> Unique VRV heat pump for indoor installation Total flexibility for any shop location and building type as the outdoor unit is invisible and split up in 2 parts Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation and Biddle air curtains 	SB.RKXYQ-T(8) VRV IV i-series				TY9/ TY1											
VRV IV heat pump optimised for cold climates Where heating is priority without compromising on efficiency <ul style="list-style-type: none"> Suitable for single source heating Extended operation range down to -25°C in heating Stable heating capacity without any capacity loss down to -15°C Very economical solution as a smaller outdoor unit model can be used compared to the standard series 	RXYLQ-T VRV IV C-series																
Replacement	heat recovery Quick & quality replacement for R-22 and R-407C systems <ul style="list-style-type: none"> Cost-effective and fast replacement through re-use of existing piping Drastically improve your comfort, efficiency and reliability No interruption of daily business while replacing your system Replace Daikin and other manufacturers systems safely 	RQCEQ-P3 VRV III Q															
	heat pump Quick & quality replacement for R-22 and R-407C systems <ul style="list-style-type: none"> Cost-effective and fast replacement through re-use of existing piping Drastically improve your comfort, efficiency and reliability No interruption of daily business while replacing your system Replace Daikin and other manufacturers systems safely Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature 	RXYQQ-U VRV IV Q-series															
Water cooled	Water cooled VRV IV Ideal for high rise buildings, using water as heat source <ul style="list-style-type: none"> Reduced CO₂ emissions thanks to the use of geothermal energy as a renewable energy source No need for an external heating or cooling source when used in geothermal mode Compact & lightweight design can be stacked for maximum space saving Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature Variable Water Flow control option increases flexibility and control Mixed connection of HT hydroboxes and VRV indoor units Either connect VRV of stylish indoor units (Daikin Emura, Stylish,...) 2 analogue input signals allowing external control 	RWEYQ-T9 ⁽²⁾ VRV IV W+series															

(1) LOOP by Daikin is applicable for VRV units produced and sold in Europe (EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland). RXYSQ-TV1, RXYSQ8-10-12TY1 and RQCEQ-P3 are not part of the LOOP by Daikin programme.

(2) Range not Eurovent certified.

(3) Multi combinations are not in scope of the Eurovent certification programme

● Single unit
● Multi combination

Capacity (HP)												Description / Combination	VRV indoor units	Residential indoor units	LT Hydrobox HXY-A	HT Hydrobox HXHD-A	HRV units VAM-, VKM-	AHU connection EKEXV + EKEQMCBA	AHU connection EKEXV + EKEQFCBA	Air curtains CYV-DK	Remarks			
32	34	36	38	40	42	44	46	48	50	52	54													
													VRV IV* Heat Recovery REYQ	○		○	○	○	○	○	○	<ul style="list-style-type: none"> Standard total system connection ratio limit: 50 ~ 130% 		
													with only VRV indoor units	✓										
													with LT/HT Hydroboxes	✓		✓	✓	✓					<ul style="list-style-type: none"> Max 32 indoor units, even on 16HP and larger systems Total system connection ratio with HT hydroboxes up to 200% possible 	
													HRV units VAM-, VKM-	✓		✓	✓	✓	✓				<ul style="list-style-type: none"> Dedicated systems (with only ventilation units) not allowed – a mix with standard VRV indoor units is always necessary 	
●	●	●	●	●	●	●	●	●	●	●	●	●	AHU connection EKEXV + EKEQMCBA	✓				✓	✓					
													Biddle air curtain CYV-DK-	✓				✓	✓				<ul style="list-style-type: none"> Total system connection ratio with AHU is 50 ~ 110% 	
													VRV IV* Heat Pump (RYYQ/RXYQ)	○	○	○		○	○	○	○	<ul style="list-style-type: none"> Standard total system connection ratio limit: 50 ~ 130% 		
													with only VRV indoor units	✓									<ul style="list-style-type: none"> 200% total system connection ratio possible under special circumstances 	
●	●	●	●	●	●	●	●	●	●	●	●	●	with residential indoor units	✓	✓			✓					<ul style="list-style-type: none"> Only single-module systems (RYYQ 8~20 T / RXYQ 8~20 T) Max 32 indoor units, even on 16HP, 18HP and 20HP systems Connection ratio: 80 ~ 130% 	
													with LT Hydroboxes	✓		✓		✓					<ul style="list-style-type: none"> Max 32 indoor units, even on 16HP and larger systems Contact Daikin in case of multi-module systems (>20HP) 	
													HRV units VAM-, VKM-	✓	✓	✓		✓	✓					
													AHU connection EKEXV + EKEQMCBA	✓				✓	✓					
●	●	●	●	●	●	●	●	●	●	●	●	●	AHU connection EKEXV + EKEQFCBA	✓						✓			<ul style="list-style-type: none"> Total system connection ratio with AHU is 50 ~ 110% 	
													Biddle air curtain CYV-DK-	✓				✓	✓					
													VRV IV-S RXYSQ-/RXYSQ-	○	○			○	○	○	○	<ul style="list-style-type: none"> Standard total system connection ratio limit: 50 ~ 130% 		
													with VRV indoor units only	✓				✓	✓					
													with residential indoor units only		✓								<ul style="list-style-type: none"> With residential indoor: connection ratio limit: 80 ~ 130% 	
													VRV IV i series SB.RKXYQ	✓				✓	✓				<ul style="list-style-type: none"> Standard total system connection ratio limit: 50 ~ 130% 	
													VRV IV-C* series RXYLQ	○	○	○		○	○	○	○	<ul style="list-style-type: none"> Standard total system connection ratio limit: 70 ~ 130% 		
													with VRV indoor units only	✓				✓						
●	●	●	●	●	●	●	●	●	●	●	●	●	with residential indoor units only		✓								<ul style="list-style-type: none"> With residential indoor: connection ratio limit: 80 ~ 130% 	
													with LT hydroboxes	✓		✓		✓					<ul style="list-style-type: none"> Max. 32 indoor units, contact Daikin in case of multi-module systems (> 14HP) 	
													AHU connection EKEXV + EKEQMCBA	✓				✓	✓				<ul style="list-style-type: none"> Total system connection ratio is 70~110% 	
													AHU connection EKEXV + EKEQFCBA	✓						✓			<ul style="list-style-type: none"> With AHU only connection ratio is 90~110% 	
													VRV III-Q* series Replacement H/R RQCEQ	✓				✓					<ul style="list-style-type: none"> Standard total system connection ratio limit: 50 ~ 130% 	
													VRV IV-Q Replacement H/P RXYQQ	✓				✓	✓				<ul style="list-style-type: none"> Standard total system connection ratio limit: 50 ~ 130% 	
●	●	●	●	●	●	●	●	●	●	●	●	●	VRV IV-W* series Water-cooled VRV RWEYQ	○	○		○	○	○	○	○	<ul style="list-style-type: none"> Standard total system connection ratio limit: 50 ~ 130% 		
													with VRV indoor units	✓			✓	✓	✓	✓	✓			
													with split indoor units	✓	✓			✓					<ul style="list-style-type: none"> Only single-module systems (RWEYQ8-14T9) Max 32 indoor units Connection ratio: 80 ~ 130% only in heat pump version 	
●	●	●	●	●	●	●	●	●	●	●	●	●	with HT hydrobox	✓		✓								
													AHU connection	✓					✓				<ul style="list-style-type: none"> Total system connection ratio with AHU + X indoor is 50 ~ 110% Total system connection ratio with AHU only is 90~110% 	

○ ... connection of indoor unit possible, but not necessarily simultaneously with other allowed indoor units
 ✓ ... connection of indoor unit possible even simultaneously with other checked units in the same row
 × ... connection of indoor not possible on this outdoor unit system

“L∞P by Daikin has minimised both the direct and indirect impact of the building, not only through appearance and system efficiency but also resource reuse”



Perial Asset Management

L∞P by Daikin is assisting clients in creating their own circular economy of refrigerants

Perial Asset Management (Perial AM) manages a diverse real estate portfolio mainly located in France and increasingly in Europe. The company is committed to reducing energy and water consumption as part of a continuous improvement process.

The arrival of new tenants at an office building in Boulogne-Billancourt spurred Perial Asset Management's decision to carry out renovation work to meet Perial AM's CSR objectives.

Constructed in the 1990s, the refurbished building extends over a surface area of 4,200 m² comprising the ground floor and seven stories, including offices and creating a 1,800 m² ERP area.

Working with Perial Asset Management (Perial AM), Daikin installed new VRV units with reclaimed refrigerant at their office building, while recycling the R-410A refrigerant from the old units to use it as a field charge for the new system.

Daikin is the only manufacturer in the market able to offer customers a holistic approach to reusing their refrigerant in new projects via its L∞P by Daikin program.

Las Arenas historic hotel, opts for sustainable upgrade

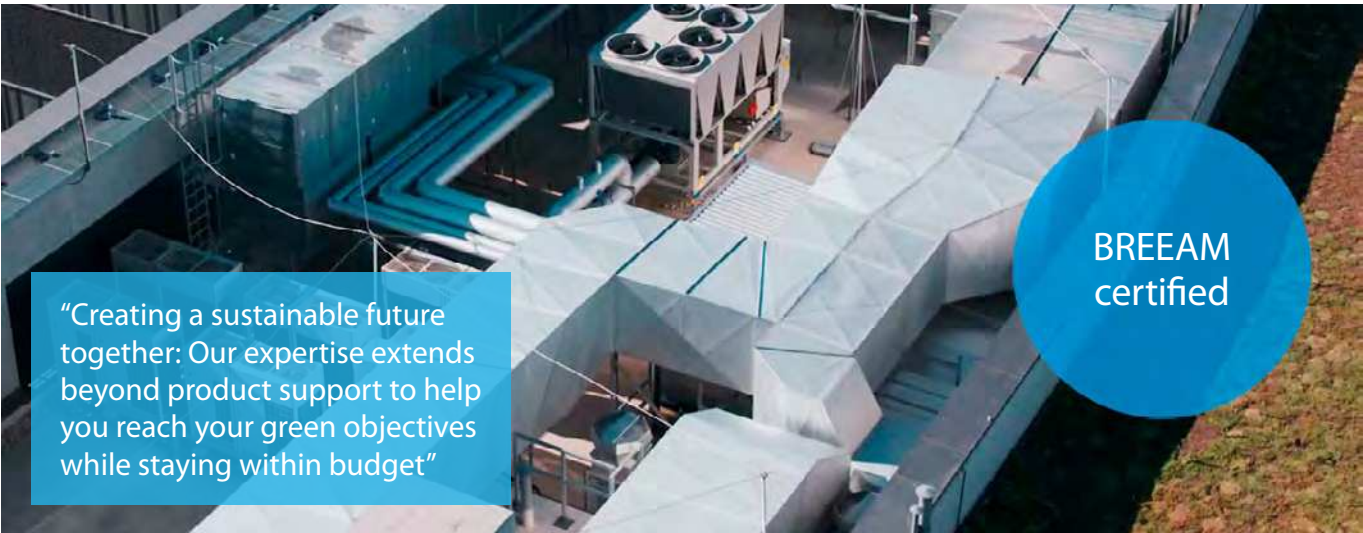
- › Choosing a sustainable replacement solution was on top of the agenda
- › Separate temperature zones enable every room to be controlled individually, adjusting the comfort conditions to suit the individual or activity
- › 88 outdoor units were replaced in a record six months
- › A true circular economy example:
 - › Reuse of copper piping and indoor units
 - › Reuse of regenerated refrigerant



"485 existing indoor units were retained, delivering cost savings and a significantly reduced project time."

L1 complex Multifunctional building with BREEAM certification

- › A total solution, including VRV heat pumps, multiple scroll chillers and Air Handling Units (AHUs), centrally managed through Daikin's Intelligent Touch Manager mini BMS
- › Daikin's Accredited Professionals (AP's) collaborated with the project team to maximise the building's BREEAM rating
- › Daikin heat pumps can contribute in 6 out of 10 BREEAM categories, adding up to 30 credits



"Creating a sustainable future together: Our expertise extends beyond product support to help you reach your green objectives while staying within budget"





Innovation in detail

L∞P by Daikin

Make a positive choice and reuse refrigerant to avoid more than 400,000 kg of virgin gas being produced each year.

Inspired to help?

Find out more about Daikin's initiatives to build a circular economy of refrigerants: www.daikin.eu/building-a-circular-economy



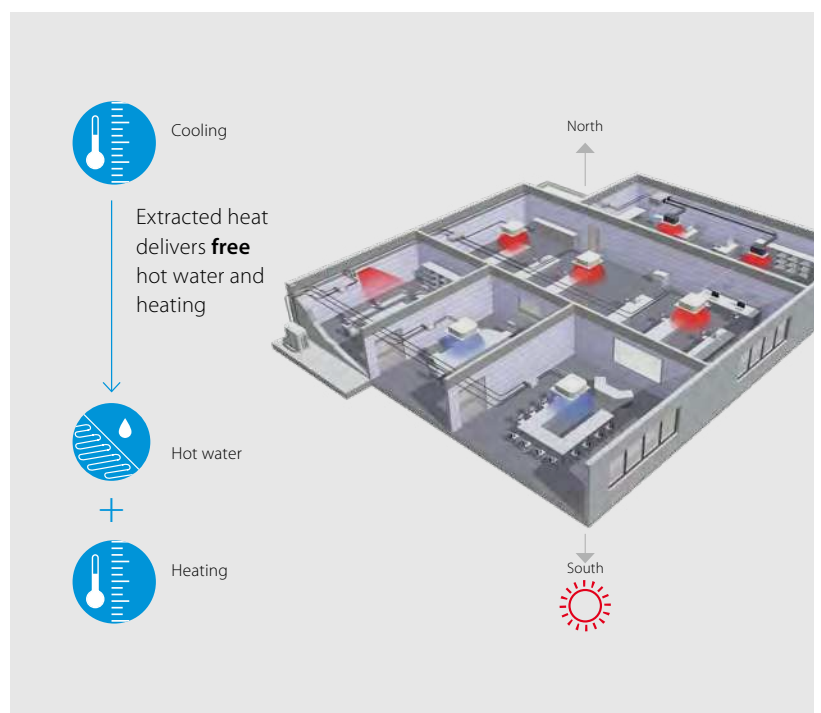
"Free" heat and hot water production

An integrated heat recovery system reuses heat from offices, server rooms, to warm other areas or create hot water.

Maximum comfort

A VRV heat-recovery system allows simultaneous cooling and heating.

- › For hotel owners, this means a perfect environment for guests as they can freely choose between cooling or heating.
- › For offices, it means a perfect working indoor climate for both north and south-facing offices.



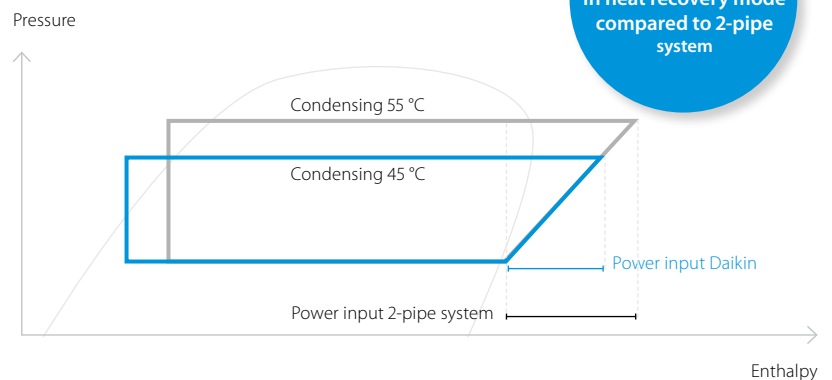
Advantages of 3-pipe technology

Efficient
3-pipe
system

More "free" heat

Daikin 3-pipe technology needs less energy to recover heat, meaning significantly higher efficiency during heat recovery mode. Our system can recover heat at a low condensing temperature because it has dedicated gas, liquid and discharge pipes.

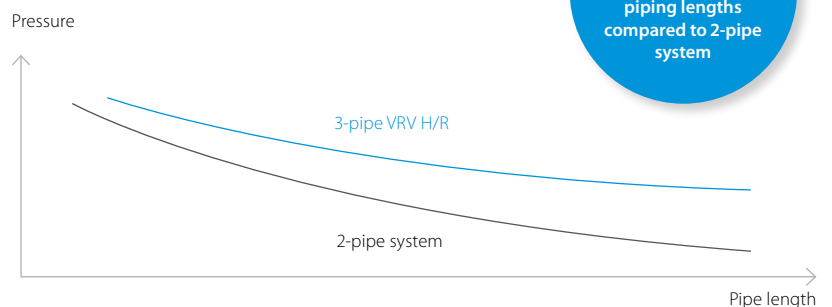
In a 2-pipe system, gas and liquid travel as a mixture so the condensing temperature needs to be higher in order to separate the mixed gas and liquid refrigerant. The higher condensing temperature means more energy is used to recover heat resulting in lower efficiency.



5 to 15%
more efficient
in heat recovery mode
compared to 2-pipe
system

Lower pressure drop means more efficiency

- › Smooth refrigerant flow in 3-pipe system thanks to 2 smaller gas pipes results in higher energy efficiency
- › Disturbed refrigerant flow in large gas pipe on 2-pipe system results in bigger pressure drop



Up to 5%
more cooling capacity
available at longer
piping lengths
compared to 2-pipe
system

Maximum design flexibility and installation speed

- › Quickly and flexibly design your system with a unique range of single and multi BS boxes.
- › A wide variety of compact and lightweight multi BS boxes greatly reduces installation time.
- › Free combination of single and multi BS boxes

Single port



BS1Q 10,16,25A

Multi port: 4 – 6 – 8 – 10 – 12 – 16



BS 4 Q14 A



BS 6, 8 Q14 A



BS 10, 12 Q14 A



BS 16 Q14 A



VRV IV+ heat recovery

Best efficiency & comfort solution

- › Fully integrated solution with heat recovery for maximum efficiency with COPs of up to 8!
- › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, air handling units and Biddle air curtains
- › „Free“ heating and hot water production provided by transferring heat from areas requiring cooling to areas requiring heating or hot water
- › The perfect personal comfort for guests/tenants via simultaneous cooling and heating
- › Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, continuous heating, VRV configurator, 7 segment display and full inverter compressors, 4-side heat exchanger, refrigerant cooled PCB, new DC fan motor
- › Outdoor unit display for quick on-site settings and easy read out of errors together with the indication of service parameters for checking basic functions.

- › Free combination of outdoor units to meet installation space or efficiency requirements
- › Wide piping flexibility: 30m indoor height difference, maximum piping length: 190m, total piping length: 1,000m
- › Possibility to extend the operation range in cooling down to -20°C for technical cooling operation such as server rooms
- › Contains all standard VRV features



For units made and sold in Europe*



Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units

Outdoor unit		REYQ	8U	10U	12U	14U	16U	18U	20U	
Capacity range		HP	8	10	12	14	16	18	20	
Cooling capacity	Prated,c	kW	22.4	28.0	33.5	40.0	45.0	50.4	52.0	
Heating capacity	Prated,h	kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0	
	Max. 6°CWB	kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0	
Recommended combination			4x FXFQ50AVEB	4x FXFQ63AVEB	6x FXFQ50AVEB	1x FXFQ50AVEB + 5x FXFQ63AVEB	4x FXFQ63AVEB + 2x FXFQ80AVEB	3x FXFQ50AVEB + 5x FXFQ63AVEB	2x FXFQ50AVEB + 6x FXFQ63AVEB	
ηs,c		%	286.1	264.8	257.0	255.8	243.1	250.6	246.7	
ηs,h		%	165.1	169.7	183.8	168.3	167.5	172.5	162.7	
SEER			7.2	6.7	6.5		6.2	6.3	6.2	
SCOP			4.2	4.3	4.7		4.3	4.4	4.1	
Maximum number of connectable indoor units			64 (1)							
Indoor index connection	Min.		100.0	125.0	150.0	175.0	200.0	225.0	250.0	
	Nom.									
	Max.		260.0	325.0	390.0	455.0	520.0	585.0	650.0	
Dimensions	Unit	HeightxWidthxDepth	mm			mm				
			1,685x930x765			1,685x1,240x765				
Weight	Unit		kg			314		317		
Sound power level	Cooling	Nom.	dBA	78.0	79.1	83.4	80.9	85.6	83.8	87.9
	Heating	Prated,h	dBA	79.6	80.9	83.5	83.9	86.9	85.3	89.8
Sound pressure level	Cooling	Nom.	dBA	57.0		61.0	60.0	63.0	62.0	65.0
Operation range	Cooling	Min.~Max.	°CDB		-5.0 ~43.0					
	Heating	Min.~Max.	°CWB		-20.0 ~15.5					
Refrigerant	Type/GWP		R-410A/2,087.5							
	Charge	kg/TCO2Eq	9.7/20.2	9.8/20.5	9.9/20.7	11.8/24.6				
Piping connections	Liquid	OD	mm	9.52		12.7			15.9	
	Gas	OD	mm	19.1	22.2		28.6			
	HP/LP gas	OD	mm	15.9	19.1		22.2			28.6
	Total piping System	Actual length	m	1,000						
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415							
Current - 50Hz	Maximum fuse amps (MFA)	A	20	25	32	40			50	

Outdoor unit system		REYQ	10U	13U	16U	18U	20U	22U	24U	26U	28U	30U	32U	
System	Outdoor unit module 1		REMQ5U		REYQ8U		REYQ10U		REYQ12U		REYQ16U		REYQ16U	
	Outdoor unit module 2		REMQ5U	REYQ8U	REYQ10U	REYQ12U	REYQ16U	REYQ14U	REYQ16U	REYQ18U	REYQ18U	REYQ18U	REYQ16U	
Capacity range		HP	10	13	16	18	20	22	24	26	28	30	32	
Cooling capacity	Prated,c	kW	28.0	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5	83.9	90.0	
Heating capacity	Prated,h	kW	28.0	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5	83.9	90.0	
	Max. 6°CWB	kW	32.0	41.0	50.0	56.5	62.5	69.0	75.0	82.5	87.5	94.0	100.0	
Recommended combination			4x FXFQ63AVEB	3x FXFQ50AVEB + 3x FXFQ63AVEB	4x FXFQ63AVEB + 2x FXFQ80AVEB	4x FXFQ50AVEB + 4x FXFQ63AVEB	10x FXFQ50AVEB	6x FXFQ50AVEB + 4x FXFQ63AVEB	4x FXFQ50AVEB + 4x FXFQ63AVEB + 2x FXFQ80AVEB	7x FXFQ50AVEB + 5x FXFQ63AVEB	6x FXFQ50AVEB + 4x FXFQ63AVEB + 2x FXFQ80AVEB	9x FXFQ50AVEB + 5x FXFQ63AVEB	8x FXFQ63AVEB + 4x FXFQ80AVEB	
ηs,c		%	275.1	301.3	288.6	272.9	266.0	260.4	257.7	257.5	251.9	266.8	243.1	
ηs,h		%	158.8	160.6	168.2	167.9	175.7	178.5	167.6	175.5	174.8	179.4	169.1	
SEER			7.0	7.6	7.3	6.9	6.7	6.6	6.5		6.4	6.7	6.2	
SCOP			4.0	4.1	4.3		4.5		4.3	4.5	4.4	4.6	4.3	
Maximum number of connectable indoor units			64 (1)											
Indoor index connection	Min.		125.0	163.0	200.0	225.0	250.0	275.0	300.0	325.0	350.0	375.0	400.0	
	Nom.													
	Max.		325.0	423.0	520.0	585.0	650.0	715.0	780.0	845.0	910.0	975.0	1,040.0	
Piping connections	Liquid	OD	mm	9.52	12.7		15.9			19.1				
	Gas	OD	mm	22.2	28.6			34.9						
	HP/LP gas	OD	mm	19.1	22.2		28.6							
	Total piping System	Actual length	m	500					1,000					
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415											
Current - 50Hz	Maximum fuse amps (MFA)	A	40			50			63			80		

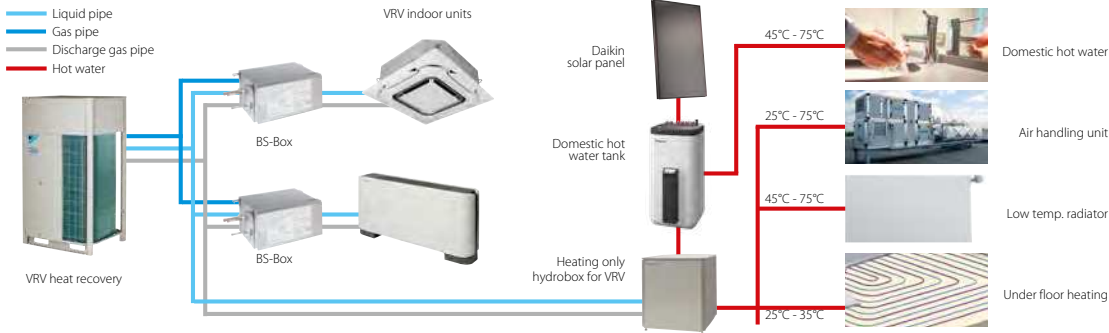


REYQ10,13,16,18,20,22U

More details and final information can be found by scanning or clicking the QR codes.



REYQ-U



Outdoor unit system		REYQ	34U	36U	38U	40U	42U	44U	46U	48U	50U	52U	54U
System	Outdoor unit module 1		REYQ16U		REYQ8U	REYQ10U	REYQ12U	REYQ14U	REYQ16U		REYQ18U		
	Outdoor unit module 2		REYQ18U	REYQ20U	REYQ12U			REYQ16U			REYQ18U		
	Outdoor unit module 3		-		REYQ18U			REYQ16U			REYQ18U		
Capacity range	HP	34	36	38	40	42	44	46	48	50	52	54	
Cooling capacity	Prated,c kW	95.4	97.0	106.3	111.9	118.0	123.5	130.0	135.0	140.4	145.8	151.2	
Heating capacity	Prated,h kW	95.4	101.0	106.4	111.9	118.0	123.5	130.0	135.0	140.4	145.8	151.2	
	Max. 6°CWB kW	106.5	113.0	119.0	125.5	131.5	137.5	145.0	150.0	156.5	163.0	169.5	
Recommended combination		3x FXFQ50AVEB + 9x FXFQ63AVEB + 2x FXFQ80AVEB	2x FXFQ50AVEB + 10x FXFQ63AVEB + 2x FXFQ80AVEB	6x FXFQ50AVEB + 10x FXFQ63AVEB	9x FXFQ50AVEB + 9x FXFQ63AVEB	12x FXFQ63AVEB + 4x FXFQ80AVEB	6x FXFQ50AVEB + 8x FXFQ63AVEB + 4x FXFQ80AVEB	1x FXFQ50AVEB + 13x FXFQ63AVEB + 4x FXFQ80AVEB	12x FXFQ63AVEB + 6x FXFQ80AVEB	3x FXFQ50AVEB + 13x FXFQ63AVEB + 4x FXFQ80AVEB	6x FXFQ50AVEB + 14x FXFQ63AVEB + 2x FXFQ80AVEB	9x FXFQ50AVEB + 15x FXFQ63AVEB	
ηs,c	%	259.2	255.3	269.2	259.6	250.2	249.3	246.8	243.1	254.4	265.7	275.2	
ηs,h	%	172.0	166.3	176.0	176.1	167.8	171.9	168.8	168.5	170.3	171.7	173.3	
SEER		6.6	6.5	6.8	6.6	6.3		6.2		6.4	6.7	7.0	
SCOP		4.4	4.2	4.5		4.3	4.4	4.3		4.4			
Maximum number of connectable indoor units		64 (1)											
Indoor index connection	Min.	425.0	450.0	475.0	500.0	525.0	550.0	575.0	600.0	625.0	650.0	675.0	
	Nom.												
	Max.	1,105.0	1,170.0	1,235.0	1,300.0	1,365.0	1,430.0	1,495.0	1,560.0	1,625.0	1,690.0	1,755.0	
Piping connections	Liquid OD	mm		19.1									
	Gas OD	mm		41.3									
	HP/LP gas OD	mm		28.6									
	Total piping length	System	Actual	m		1,000							
Power supply	Phase/Frequency/Voltage	Hz/V		3N~/50/380-415									
	Current - 50Hz	Maximum fuse amps (MFA)		A		80		100		125			
Outdoor unit module		REMQR		5U									
Dimensions	Unit	HeightxWidthxDepth	mm		1,685x930x765								
Weight	Unit	kg		230									
Fan	External static pressure	Pa		78									
Sound power level	Cooling	Nom.	dBA		78.0								
	Sound pressure level	Cooling	Nom.	dBA		57.0							
Operation range	Cooling	Min.~Max.	°CDB		-5.0 ~43.0								
	Heating	Min.~Max.	°CWB		-20.0 ~15.5								
Refrigerant	Type/GWP			R-410A/2,087.5									
	Charge	kg/TCO2Eq		9.7/20.2									
Power supply	Phase/Frequency/Voltage	Hz/V		3N~/50/380-415									
	Current - 50Hz	Maximum fuse amps (MFA)		A		20							

(1) Actual number of connectable indoor units depends on the indoor unit type and the connection ratio restriction for the system (50% ≤ CR ≤ 120%)
 Actual number of connectable indoor units depends on the indoor unit type and the connection ratio restriction for the system (50% ≤ CR ≤ 120%) | Contains fluorinated greenhouse gases
 * EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland

VRV IV+ heat pump

Daikin's optimum solution with top comfort

- › By choosing a LOOP by Daikin product you support the reuse of refrigerant, for more information visit www.daikin.eu/loop-by-daikin
- › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, air handling units and Biddle air curtains
- › Wide range of indoor units: possibility to combine VRV with stylish indoor units (Daikin Emura, Perfera)
- › Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, continuous heating, VRV configurator, 7 segment display and full inverter compressors, 4-side heat exchanger, refrigerant cooled PCB, new DC fan motor
- › Outdoor unit display for quick on-site settings and easy read out of errors together with the indication of service parameters for checking basic functions.
- › Free combination of outdoor units to meet installation space or efficiency requirements
- › Available as heating only by irreversible field setting
- › Contains all standard VRV features



Already fully compliant to LOT 21 - Tier 2

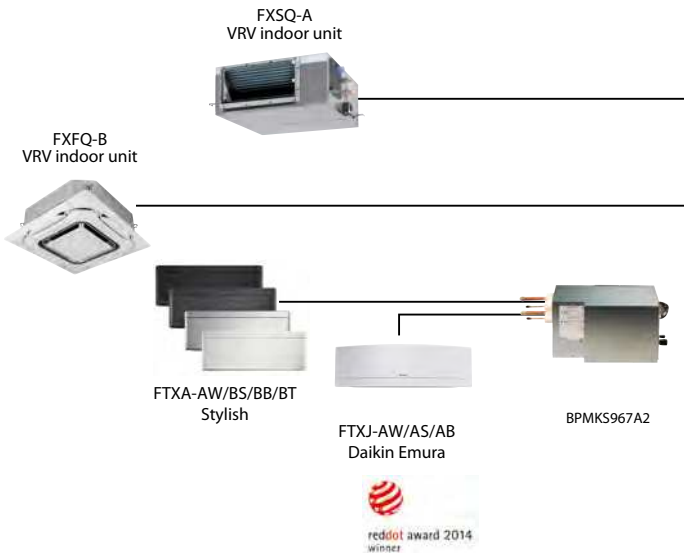
Published data with real-life indoor units

Outdoor unit		RYYQ/RXYQ	8U	10U	12U	14U	16U	18U	20U	
Capacity range		HP	8	10	12	14	16	18	20	
Cooling capacity	Prated,c	kW	22.4	28.0	33.5	40.0	45.0	50.4	52.0	
	Prated,h	kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0	
Heating capacity	Prated,h	kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0	
	Max. 6°CWB	kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0	
Recommended combination			4x FXFQ50AVEB	4x FXFQ63AVEB	6x FXFQ50AVEB	1x FXFQ50AVEB + 5x FXFQ63AVEB	4x FXFQ63AVEB + 2x FXFQ80AVEB	3x FXFQ50AVEB + 5x FXFQ63AVEB	2x FXFQ50AVEB + 6x FXFQ63AVEB	
ηs,c		%	302.4	267.6	247.8	250.7	236.5	238.3	233.7	
ηs,h		%	167.9	168.2	161.4	155.4	157.8	163.1	156.6	
SEER			7.6	6.8	6.3		6.0		5.9	
SCOP			4.3		4.1	4.0		4.2	4.0	
Maximum number of connectable indoor units						64 (1)				
Indoor index connection	Min.		100.0	125.0	150.0	175.0	200.0	225.0	250.0	
	Max.		260.0	325.0	390.0	455.0	520.0	585.0	650.0	
Dimensions	Unit	HeightxWidthxDepth	mm			1,685x930x765			1,685x1,240x765	
Weight	Unit		kg			198		275		
Sound power level	Cooling	Nom.	dBA	78.0	79.1	83.4	80.9	85.6	83.8	
	Heating	Prated,h	dBA	79.6	80.9	83.5	83.1	86.5	85.3	
Sound pressure level	Cooling	Nom.	dBA	57.0		61.0	60.0	63.0	62.0	
Operation range	Cooling	Min.-Max.	°CDB						-5.0 ~43.0	
	Heating	Min.-Max.	°CWB						-20.0 ~-15.5	
Refrigerant	Type/GWP								R-410A/2,0875	
	Charge	kg/TCO2Eq	5.9/12.3	6.0/12.5	6.3/13.2	10.3/21.5	11.3/23.6	11.7/24.4	11.8/24.6	
Piping connections	Liquid	OD	mm		9.52		12.7		15.9	
	Gas	OD	mm	19.1	22.2				28.6	
	Total piping length	System Actual	m							1,000
Power supply	Phase/Frequency/Voltage	Hz/V							3N~/50 /380-415	
Current - 50Hz	Maximum fuse amps (MFA)	A	20	25	32		40		50	

Outdoor unit system		RYYQ/RXYQ	22U	24U	26U	28U	30U	32U	34U	36U	38U
System	Outdoor unit module 1		RXYQ10U	RXYQ8U	RXYQ12U			RXYQ16U			RXYQ8U
	Outdoor unit module 2		RXYQ12U	RXYQ16U	RXYQ14U	RXYQ16U	RXYQ18U	RXYQ16U	RXYQ18U	RXYQ20U	RXYQ10U
	Outdoor unit module 3										
Capacity range		HP	22	24	26	28	30	32	34	36	38
Cooling capacity	Prated,c	kW	61.5	67.4	73.5	78.5	83.9	90.0	95.4	97.0	102.4
	Prated,h	kW	61.5	67.4	73.5	78.5	83.9	90.0	95.4	101.0	106.4
Heating capacity	Prated,h	kW	69.0	75.0	82.5	87.5	94.0	100.0	106.5	113.0	119.5
	Max. 6°CWB	kW	69.0	75.0	82.5	87.5	94.0	100.0	106.5	113.0	119.5
Recommended combination			6x FXFQ50AVEB + 4x FXFQ63AVEB	4x FXFQ50AVEB + 4x FXFQ63AVEB + 2x FXFQ80AVEB	7x FXFQ50AVEB + 5x FXFQ63AVEB	6x FXFQ50AVEB + 4x FXFQ63AVEB + 2x FXFQ80AVEB	9x FXFQ50AVEB + 5x FXFQ63AVEB	8x FXFQ63AVEB + 4x FXFQ80AVEB	3x FXFQ50AVEB + 9x FXFQ63AVEB + 2x FXFQ80AVEB	2x FXFQ50AVEB + 10x FXFQ63AVEB + 2x FXFQ80AVEB	6x FXFQ50AVEB + 10x FXFQ63AVEB
ηs,c		%	274.5	269.9	264.2	257.8	256.8	251.7	253.3	250.8	272.4
ηs,h		%	171.2	167.0	164.6	166.0	169.8	163.1	166.2	162.4	167.5
SEER			6.9	6.8	6.7	6.5		6.4		6.3	6.9
SCOP			4.4	4.3	4.2		4.3	4.2		4.1	4.3
Maximum number of connectable indoor units			64 (1)								
Indoor index connection	Min.		275.0	300.0	325.0	350.0	375.0	400.0	425.0	450.0	475.0
	Nom.										
	Max.		715.0	780.0	845.0	910.0	975.0	1,040.0	1,105.0	1,170.0	1,235.0
Piping connections	Liquid	OD	mm		15.9		19.1				
	Gas	OD	mm	28.6	34.9						41.3
	Total piping length	System Actual	m	1,000							
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50 /380-415								
Current - 50Hz	Maximum fuse amps (MFA)	A	63						80		100



VRV IV+



Connectable stylish indoor units

		20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS	60 CLASS	71 CLASS
Daikin Emura - Wall mounted unit	FTXJ-AW/AS/AB	•	•	•		•		
Stylish - Wall mounted unit	FTXA-AW/BS/BB/BT	•	•	•	•	•		
Perfera wall mounted	FTXM-R	•	•	•	•	•	•	•
Perfera floor standing	NEW FVXM-A9	•	•	•		•		

BPMKS box needed to connect RA indoors to VRV IV (RYYQ / RXYQ)

More details and final information can be found by scanning or clicking the QR codes.



RYYQ-U



RXYQ-U

Outdoor unit system		RYYQ/RXYQ	40U	42U	44U	46U	48U	50U	52U	54U	
System	Outdoor unit module 1		RXYQ10U			RXYQ12U		RXYQ14U		RXYQ16U	RXYQ18U
	Outdoor unit module 2		RXYQ12U			RXYQ16U				RXYQ18U	
	Outdoor unit module 3		RXYQ18U			RXYQ16U				RXYQ18U	
Capacity range	HP		40	42	44	46	48	50	52	54	
Cooling capacity	Prated,c kW		111.9	118.0	123.5	130.0	135.0	140.4	145.8	151.2	
Heating capacity	Prated,h kW		111.9	118.0	123.5	130.0	135.0	140.4	145.8	151.2	
	Max. 6°CWB kW		125.5	131.5	137.5	145.0	150.0	156.5	163.0	169.5	
Recommended combination			9x FXFQ50AVEB + 9x FXFQ63AVEB	12x FXFQ63AVEB + 4x FXFQ80AVEB	6x FXFQ50AVEB + 8x FXFQ63AVEB + 4x FXFQ80AVEB	1x FXFQ50AVEB + 13x FXFQ63AVEB + 4x FXFQ80AVEB	12x FXFQ63AVEB + 6x FXFQ80AVEB	3x FXFQ50AVEB + 13x FXFQ63AVEB + 4x FXFQ80AVEB	6x FXFQ50AVEB + 14x FXFQ63AVEB + 2x FXFQ80AVEB	9x FXFQ50AVEB + 15x FXFQ63AVEB	
ηs,c	%		263.5	261.2	255.9	254.9	251.7	252.8	253.7	254.1	
ηs,h	%		170.0	165.5	164.5	162.0	162.8	165.2	167.2	169.4	
SEER			6.7	6.6	6.5			6.4			
SCOP			4.3		4.2		4.1		4.2	4.3	
Maximum number of connectable indoor units			64 (1)								
Indoor index connection	Min.		500.0	525.0	550.0	575.0	600.0	625.0	650.0	675.0	
	Max.		1,300.0	1,365.0	1,430.0	1,495.0	1,560.0	1,625.0	1,690.0	1,755.0	
Piping connections	Liquid OD	mm	19.1								
	Gas OD	mm	41.3								
	Total piping System Actual length	m	1,000								
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50 /380-415								
Current - 50Hz	Maximum fuse amps (MFA)	A	100				125				

Outdoor unit module		RYMQ	8U	10U	12U	14U	16U	18U	20U	
Dimensions	Unit HeightxWidthxDepth	mm	1,685x930x765				1,685x1,240x765			
Weight	Unit	kg	198				275		308	
Fan	External static Max. pressure	Pa	78							
Sound power level	Cooling Nom.	dBA	78.0	79.1	83.4	80.9	85.6	83.8	87.9	
	Heating Prated,h	dBA	79.6	80.9	83.5	83.1	86.5	85.3	89.8	
Sound pressure level	Cooling Nom.	dBA	57.0		61.0	60.0	63.0	62.0	65.0	
Operation range	Cooling Min.-Max.	°CDB	-5.0 ~43.0							
	Heating Min.-Max.	°CWB	-20.0 ~15.5							
Refrigerant	Type/GWP		R-410A/2,087.5							
	Charge	kg/TCO2Eq	5.9 /12.3	6.0 /12.5	6.3 /13.2	10.3 /21.5	11.3 /23.6	11.7 /24.4	11.8 /24.6	
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50 /380-415							
Current - 50Hz	Maximum fuse amps (MFA)	A	20	25		32	40		50	

(1)Actual number of connectable indoor units depends on the indoor unit type (VRV indoor, Hydrobox, RA indoor, etc.) and the connection ratio restriction for the system (50% <= CR <= 130%) | Contains fluorinated greenhouse gases

* EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland



INTRODUCTION
RESIDENTIAL INDOOR AIR QUALITY
HEATING
SPLIT
SKY AIR
ROOFTOP
VRV
COMMERCIAL VENTILATION & AIR PURIFICATION
MARINE INDUSTRY
CHILLERS
FAN COIL UNITS
AIR HANDLING UNITS
COMMERCIAL & TRANSPORT REFRIGERATION
CONTROL SYSTEMS

VRV IV S-series compact heat pump

The most compact VRV

- › Compact & lightweight single fan design makes the unit almost unnoticeable
- › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air curtains
- › Wide range of indoor units: either connect VRV or stylish indoor units such as Daikin Emura, Perfera...
- › Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature and full inverter compressors
- › Possibility to limit peak power consumption between 30 and 80%, for example during periods with high power demand
- › Night quiet mode reduces sound pressure with up to 8dBa
- › Contains all standard VRV features



Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units

Connectable stylish indoor units

		15 CLASS	20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS	60 CLASS	71 CLASS
Round flow cassette	FCAG-B				•		•	•	•
Fully flat cassette	FFA-A9			•	•		•	•	
Slim concealed ceiling unit	FDXM-F9			•	•		•	•	
Concealed ceiling unit with inverter driven fan	FBA-A(9)			•	•		•	•	
Daikin Emura - Wall mounted unit	FTXJ-AW/AS/AB		•	•	•		•		
Stylish - Wall mounted unit	FTXA-AW/BS/BB/BT		•	•	•	•	•		
Perfera wall mounted	FTXM-R	•	•	•	•	•	•		
Ceiling suspended unit	FHA-A(9)				•		•	•	•
Perfera floor standing	FVXM-A9		•	•	•		•		
Concealed floors tanding unit	FNA-A9			•	•		•	•	

More details and final information can be found by scanning or clicking the QR codes.



RXYSCQ-TV1

Outdoor unit		RXYSCQ	4TV1	5TV1	6TV1
Capacity range	HP		4	5	6
Cooling capacity	Prated,c kW		12.1	14.0	15.5
Heating capacity	Prated,h kW		12.1	14.0	15.5
	Max. 6°CWB kW		14.2	16.0	18.0
Recommended combination			3x FXSQ25A2VEB + 1x FXSQ32A2VEB	4x FXSQ32A2VEB	2x FXSQ32A2VEB + 2x FXSQ40A2VEB
ηs,c	%		322.8	303.4	281.3
ηs,h	%		182.3	185.1	186.0
SEER			8.1	7.7	7.1
SCOP			4.6		4.7
Maximum number of connectable indoor units					
Indoor index connection	Min.		50.0	62.5	70.0
	Max.		130.0	162.5	182.0
Dimensions	Unit	HeightxWidthxDepth	mm		
Weight	Unit		kg		
			823x940x460		
Sound power level	Cooling	Nom.	dBA		
	Heating	Prated,h	dBA		
	Cooling	Nom.	dBA		
	Heating	Min.~Max.	°CWB		
	Heating	Min.~Max.	°CDB		
Refrigerant	Type/GWP	R-410A/2,087.5			
	Charge	kg/TCO2Eq			
		3.7/7.7			
Piping connections	Liquid	OD	mm		
	Gas	OD	mm		
			15.9		
	Total piping length	System Actual	m		
			300		
Power supply	Phase/Frequency/Voltage	Hz/V			
		1~/50/220-240			
Current - 50Hz	Maximum fuse amps (MFA)	A			
		32			

(1)Actual number of units depends on the indoor unit type (VRV DX indoor, RA DX indoor, etc.) and the connection ratio restriction for the system (being; 50% ≤ CR ≤130%). | Contains fluorinated greenhouse gases

VRV IV S-series heat pump

Space saving solution without compromising on efficiency

- › By choosing this product with LOOP by Daikin you support the reuse of refrigerant
- › Space saving trunk design for flexible installation
- › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air curtains
- › Wide range of indoor units: either connect VRV or stylish indoor units such as Daikin Emura, Perfera...
- › Wide range of units (4 to 12HP) suitable for projects up to 200m² with space limitations
- › Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature and full inverter compressors
- › Possibility to limit peak power consumption between 30 and 80%, for example during periods with high power demand
- › Contains all standard VRV features



LOOP
BY DAIKIN

For units made and sold in Europe*



Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units

Connectable stylish indoor units

		15 CLASS	20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS	60 CLASS	71 CLASS
Round flow cassette	FCAG-B				•		•	•	•
Fully flat cassette	FFA-A9			•	•		•	•	
Slim concealed ceiling unit	FDXM-F9			•	•		•	•	
Concealed ceiling unit with inverter driven fan	FBA-A(9)			•	•		•	•	
Daikin Emura - Wall mounted unit	FTXJ-AW/AS/AB		•	•	•		•	•	
Stylish - Wall mounted unit	FTXA-AW/BS/BB/BT		•	•	•	•	•		
Perfera wall mounted	FTXM-R	•	•	•	•	•	•	•	•
Ceiling suspended unit	FHA-A(9)				•		•	•	•
Perfera floor standing	FVXM-A9		•	•	•		•		
Concealed floors tanding unit	FNA-A9			•	•		•	•	

More details and final information can be found by scanning or clicking the QR codes.



RXYSQ-TV9



RXYSQ-TY9



RXYSQ-TY1

Outdoor unit		RXYSQ	4TV9	5TV9	6TV9	4TY9	5TY9	6TY9	8TY1	10TY1	12TY1	
Capacity range	HP	4	5	6	4	5	6	8	10	12		
Cooling capacity	Prated,c kW	12.1	14.0	15.5	12.1	14.0	15.5	22.4	28.0	33.5		
Heating capacity	Prated,h kW	12.1	14.0	15.5	12.1	14.0	15.5	22.4	28.0	33.5		
	Max. 6°CWB	14.2	16.0	18.0	14.2	16.0	18.0	25.0	31.5	37.5		
Recommended combination		3x FXSQ25A2VEB + 1x FXSQ32A2VEB	4x FXSQ32A2VEB	2x FXSA32A2VEB + 2x FXSA40A2VEB	3x FXSQ25A2VEB + 1x FXSQ32A2VEB	4x FXSQ32A2VEB	2x FXSQ32A2VEB + 2x FXSQ40A2VEB	4x FXMQ50P7VEB	4x FXMQ63P7VEB	6x FXMQ50P7VEB		
ηs,c	%	278.9	270.1	278.0	269.2	260.5	268.3	247.3	247.4	256.5		
ηs,h	%	171.6	182.9	192.8	154.4	164.5	174.1	165.8	162.4	169.6		
SEER		7.0	6.8	7.0	6.8	6.6	6.8		6.3	6.5		
SCOP		4.4	4.6	4.9	3.9	4.2	4.4	4.2	4.1	4.3		
Maximum number of connectable indoor units		64 (1)										
Indoor index connection	Min.	50.0	62.5	70.0	50.0	62.5	70.0	100.0	125.0	150.0		
	Max.	130.0	162.5	182.0	130.0	162.5	182.0	260.0	325.0	390.0		
Dimensions	Unit	HeightxWidthxDpeth		mm	1,345x900x320			1,430x940x320		1,615x940x460		
Weight	Unit	104										
Sound power level	Cooling	Nom.	dBA	68.0	69.0	70.0	68.0	69.0	70.0	73.0	74.0	76.0
	Heating	Prated,h	dBA	68.0	69.0	70.0	68.0	69.0	70.0	73.0	74.0	76.0
Sound pressure level	Cooling	Nom.	dBA	50.0	51.0	50.0	51.0	51.0	55.0	57.0		
Operation range	Cooling	Min.~Max.	°CDB	-5.0 ~46.0						-5.0 ~52.0		
	Heating	Min.~Max.	°CWB	-20.0 ~15.5								
Refrigerant	Type/GWP	R-410A/2,087.5										
	Charge	kg/TCO2Eq	3.6/7.5			5.5/11.5			7.0/14.6	8.0/16.7		
Piping connections	Liquid	OD	mm	15.9			19.1			12.7		
	Gas	OD	mm	15.9			19.1			25.4		
	Total piping System length	Actual	m	300								
Power supply	Phase/Frequency/Voltage	Hz/V	1N~/50/220-240			3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)	A	32			16			25		32	

(1)Actual number of units depends on the indoor unit type (VRV DX indoor, RA DX indoor, etc.) and the connection ratio restriction for the system (being; 50% ≤ CR ≤130%). | Contains fluorinated greenhouse gases * EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland



VRV IV heat pump
for indoor installation

SB.RKXYQ-T(8)

Keep looking
you'll never find me

You can install highly efficient, reliable Daikin air conditioning systems in the most demanding locations while remaining invisible from street level.

Invisible

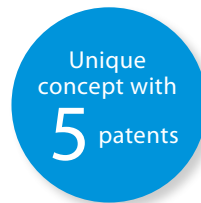
- › Completely invisible only the grilles are visible
- › Seamless integration into surrounding architecture
- › Highly suited to densely populated areas thanks to the low operation sound

Intuitive

- › Total flexibility as the outdoor unit is split up in 2 parts
- › Easy and quick to transport and install by just 2 persons
- › Easy servicability, all components can be easily reached

Intelligent

- › Patented V-shape heat exchanger for the most compact unit (400 mm high) ever
- › Connectable to all VRV indoor units
- › Provides a total solution when combined with ventilation units, Biddle air curtains and controls



Invisible



Unique outdoor unit in 2 parts



Total solution



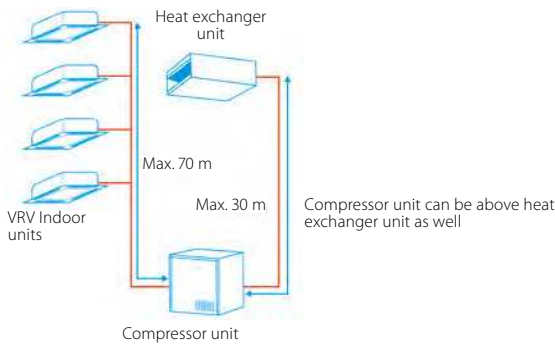
VRV IV heat pump for indoor installation

The invisible VRV

› Unique VRV heat pump for indoor installation



› Unrivalled flexibility because the unit is split up into two elements: the heat exchanger and the compressor



- › Highly suited to densely populated areas thanks to the low operation sound and seamless integration into surrounding architecture as only the grille is visible
- › Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, VRV configurator and full inverter compressors
- › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air curtains

More details and final information can be found by scanning or clicking the QR codes.

Outdoor unit system		SB.RKXYQ		5T8		8T	
System	Heat exchanger unit			RDXYQ5T8		RDXYQ8T	
	Compressor unit			RKXYQ5T8		RKXYQ8T	
Capacity range		HP		5		8	
Cooling capacity	Prated,c		kW	14.0		22.4	
Heating capacity	Prated,h		kW	10.4		12.9	
	Max.	6°CWB	kW	16.0		25.0	
Recommended combination				4x FXSQ32A2VEB		4x FXMQ50P7VEB	
ηs,c			%	200.1		191.1	
ηs,h			%	149.3		140.9	
SEER				5.1		4.9	
SCOP				3.8		3.6	
Maximum number of connectable indoor units				10 (1)		17 (1)	
Indoor index connection	Min.			62.5		100.0	
	Max.			162.5		260.0	
Piping connections	Between Compressor module (CM) and heat exchanger module (HM)	Liquid	OD	mm	12.7		
		Gas	OD	mm	19.1		22.2
	Between Compressor module (CM) and indoor units (IU)	Liquid	OD	mm		9.52	
		Gas	OD	mm	15.9		19.1
Total piping length	System	Actual	m	140		300	

Outdoor unit module		Heat exchanger module - RDXYQ		Compressor module - RKXYQ	
		5T8		8T	
Dimensions	Unit	HeightxWidthxDepth	mm	397x1,456x1,044	701x600x554 / 701x760x554
Weight	Unit		kg	95 / 103	79 / 105
Sound power level	Cooling	Nom.	dBA	77.0	81.0 / 60.0
				47.0	54.0 / 47.0
Refrigerant	Type/GWP			R-410A/-	R-410A/2,0875
	Charge		kg/TCO2Eq	-/-	2.00 / 4.20 / 4.00 / 8.35
Power supply	Phase/Frequency/Voltage		Hz/V	1N~/50 / 220-240	3N~/50 / 380-415
Current - 50Hz	Maximum fuse amps (MFA)		A	10	16 / 20

(1) Actual number of units depends on the indoor unit type (VRV DX indoor, etc.) and the connection ratio restriction for the system (being; 50% ≤ CR ≤ 130%).



- › Lightweight units (max. 105kg) can be installed by two people
- › Unique V-shape heat exchanger results in compact dimensions (h/e unit only 400mm high) allowing false ceiling installation, while ensuring top efficiency
- › Super efficient centrifugal fans (over 50% efficiency increase compared to sirocco fan)
- › Small footprint compressor unit (760 x 554 mm) maximizing useable floor space
- › Connectable to all VRV control systems



Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units



SB.RKXYQ-T



SB.RKXYQ-T8



VRV IV+ heat pump, optimised for cold climates

RXYLQ-T

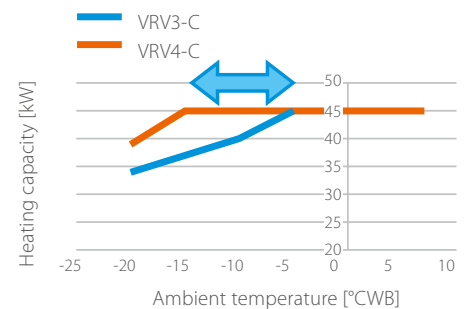


Where heating is priority without compromising on efficiency



High heating capacity at low ambient temperatures

- › Stable heating capacity available down to -15°C WB!



High partial load efficiency

- › New vapour injection scroll compressor optimised for low load
 - UNIQUE back-pressure control: Pressure port increases pressure below the scroll in low load operation, preventing refrigerant leak and increasing efficiency
 - UNIQUE Injection structure with check valve: Prevents volume backflow during low load operation typically occurring with standard vapour injection compressors
- › Variable Refrigerant Temperature adjusts refrigerant temperature to match the load



High reliability down to -25°C WB

- › Hot gas bypass prevents ice buildup at the bottom of the heat exchanger





Already fully compliant to LOT 21 - Tier 2

High seasonal efficiency

- > **Measured with indoor units for real applications!**
- > ALL information for indoor units used available on our eco-design website: Already fully compliant https://energylabel.daikin.eu/eu/en_US/lot21.html



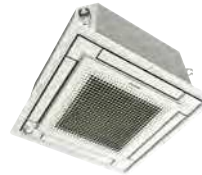
The known VRV IV standards

- Variable Refrigerant Temperature
- VRV configurator

Total solution



Daikin Emura
Wall mounted unit



Fully flat cassette



Biddle air curtain



Air handling unit for ventilation



Low temperature hydrobox

VRV IV heat pump, optimised for heating

Where heating is priority without compromising on efficiency

- › By choosing this product with LOOP by Daikin you support the reuse of refrigerant
- › Specifically developed for heating operation in low ambient conditions, making it suitable for single source heating
- › Stable heating capacity down to -15°C, thanks to vapour injection compressor
- › Extended operation range down to -25°C in heating
- › High reliability in severe conditions, thanks to hot gas bypass circuit in the heat exchanger
- › 15% increased heating capacity at high relative humidity (2°CDB/1°CWB and RH=83%) vs previous model
- › Shorter defrost and heat up time, compared to standard VRV heat pump
- › Very economical solution as a smaller outdoor unit model can be used compared to the standard series
- › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air cutains

- › Wide range of indoor units: possibility to combine VRV with stylish indoor units (Daikin Emura, Perfera)
- › Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, VRV configurator, 7 segment display and full inverter compressors, 4-side heat exchanger, refrigerant cooled PCB, new DC fan motor, ...
- › Free combination of outdoor units to meet installation space or efficiency requirements
- › Wide piping flexibility: 30m indoor height difference, maximum piping length: 190m, total piping length: 500m
- › Less installation time and smaller footprint compared to previous model thanks to removal of function unit



BY DAIKIN

For units made and sold in Europe*

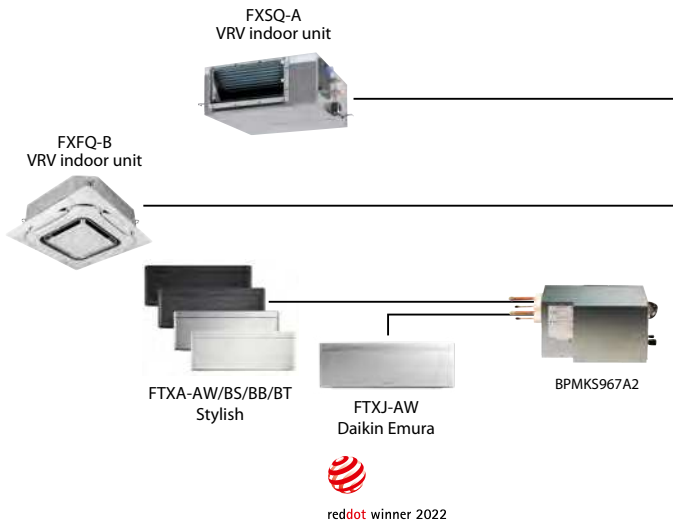


Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units

Outdoor unit		RXYLQ	10T	12T	14T
Capacity range		HP	10	12	14
Cooling capacity	Prated,c	kW	28.0	33.5	40.0
Heating capacity	Prated,h	kW	31.5	37.5	45.0
	Max. 6°CWB	kW	31.5	37.5	45.0
Recommended combination			4x FXMQ63P7VEB	6x FXMQ50P7VEB	1x FXMQ50P7VEB + 5x FXMQ63P7VEB
ηs,c		%	251.4	274.4	270.1
ηs,h		%	144.3	137.6	137.1
SEER			6.4	6.9	6.8
SCOP			3.7	3.5	
Maximum number of connectable indoor units				64 (1)	
Indoor index connection	Min.		175	210	245
	Nom.		250	300	350
	Max.		325	390	455
Dimensions	Unit	HeightxWidthxDepth	mm		
Weight	Unit		kg		
Sound power level	Cooling	Nom.	77.0	81.0	
	Sound pressure level	Cooling	56.0	59.0	
Operation range	Cooling	Min.-Max.	-5 ~43		
	Heating	Min.-Max.	-25 ~16		
Refrigerant	Type/GWP		R-410A/2,087.5		
	Charge	kg/TCO2Eq	11.8/24.6		
Piping connections	Liquid	OD	9.52	12.7	
	Gas	OD	22.2	28.6	
	Total piping System	Actual length	500		
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)	A	25	32	

Outdoor unit system		RXYLQ	16T	18T	20T	22T	24T	26T	28T
System	Outdoor unit module 1		RXMLQ8T		RXYLQ10T		RXYLQ12T		RXYLQ14T
	Outdoor unit module 2		RXMLQ8T			RXYLQ12T			RXYLQ14T
Capacity range		HP	16	18	20	22	24	26	28
Cooling capacity	Prated,c	kW	44.8	50.4	56.0	61.5	67.0	73.5	80.0
Heating capacity	Prated,h	kW	50.0	56.5	63.0	69.0	75.0	82.5	90.0
	Max. 6°CWB	kW	50.0	56.5	63.0	69.0	75.0	82.5	90.0
Recommended combination			4x FXMQ63P7VEB + 2x FXMQ80P7VEB	3x FXMQ50P7VEB + 5x FXMQ63P7VEB	2x FXMQ50P7VEB + 6x FXMQ63P7VEB	6x FXMQ50P7VEB + 4x FXMQ63P7VEB	4x FXMQ50P7VEB + 4x FXMQ63P7VEB + 2x FXMQ80P7VEB	7x FXMQ50P7VEB + 5x FXMQ63P7VEB	6x FXMQ50P7VEB + 4x FXMQ63P7VEB + 2x FXMQ80P7VEB
ηs,c		%	261.8	255.7	251.4	263.0	274.4	270.8	270.1
ηs,h		%	138.0	140.5	144.3	140.3	137.6	137.1	
SEER			6.6	6.5	6.4	6.6	6.9	6.8	
SCOP			3.5	3.6	3.7	3.6	3.5		
Maximum number of connectable indoor units			64 (1)						
Indoor index connection	Min.		280	315	350	385	420	455	490
	Nom.		400	450	500	550	600	650	700
	Max.		520	585	650	715	780	845	910
Piping connections	Liquid	OD	12.7	15.9				19.1	
	Gas	OD	28.6					34.9	
	Total piping System	Actual length	500						
Current - 50Hz	Maximum fuse amps (MFA)	A	40	45	50	60			



Connectable stylish indoor units

		20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS	60 CLASS	71 CLASS
Daikin Emura - Wall mounted unit	FTXJ-AW/AS/AB	•	•	•		•		
Stylish - Wall mounted unit	FTXA-AW/BS/BB/BT	•	•	•	•	•		
Perfera wall mounted	FTXM-R	•	•	•	•	•	•	•
Perfera floor standing	NEW FVXM-A9	•	•	•		•		

BPMKS box needed to connect RA indoors to VRV IV (RYYQ / RXYQ)

More details and final information can be found by scanning or clicking the QR codes.



Outdoor unit system		RXYLQ	30T	32T	34T	36T	38T	40T	42T
System	Outdoor unit module 1		RXYLQ10T			RXYLQ12T			RXYLQ14T
	Outdoor unit module 2		RXYLQ10T			RXYLQ12T			RXYLQ14T
	Outdoor unit module 3		RXYLQ10T		RXYLQ12T			RXYLQ14T	
Capacity range	HP	30	32	34	36	38	40	42	
Cooling capacity	Prated,c kW	84.0	89.5	95.0	100.5	107.0	113.5	120.0	
Heating capacity	Prated,h kW	94.5	101	107	113	120	128	135	
	Max. 6°CWB kW	94.5	100.5	106.5	112.5	120.0	127.5	135.0	
Recommended combination		9x FXMQ50P7VEB + 5x FXMQ63P7VEB	8x FXMQ63P7VEB + 4x FXMQ80P7VEB	3x FXMQ50P7VEB + 9x FXMQ63P7VEB + 2x FXMQ80P7VEB	2x FXMQ50P7VEB + 10x FXMQ63P7VEB + 2x FXMQ80P7VEB	6x FXMQ50P7VEB + 10x FXMQ63P7VEB	9x FXMQ50P7VEB + 9x FXMQ63P7VEB	12x FXMQ63P7VEB + 4x FXMQ80P7VEB	
ηs,c	%	251.4	259.1	266.8	274.4	271.6	270.3	270.1	
ηs,h	%	144.3	141.6	139.2	137.6		137.1		
SEER		6.4	6.6	6.7		6.9		6.8	
SCOP		3.7		3.6			3.5		
Maximum number of connectable indoor units					64 (1)				
Indoor index connection	Min.	525	560	595	630	665	700	735	
	Nom.	750	800	850	900	950	1,000	1,050	
	Max.	975	1,040	1,105	1,170	1,235	1,300	1,365	
Piping connections	Liquid OD	mm				19.1			
	Gas OD	mm		34.9			41.3		
	Total piping length	m				500			
Current - 50Hz	Maximum fuse amps (MFA)	A		80			90		
Outdoor unit module		RXMLQ	8T						
Dimensions	Unit HeightxWidthxDepth	mm	1,685x1,240x765						
Weight	Unit	kg	302						
Fan	External static pressure	Pa	78						
Sound power level	Cooling Nom.	dBA	75.0						
Sound pressure level	Cooling Nom.	dBA	55.0						
Operation range	Cooling Min.~Max.	°CDB	-5 ~43						
	Heating Min.~Max.	°CWB	-25 ~16						
Refrigerant	Type/GWP		R-410A/2,087.5						
	Charge	kg/TCO2Eq	11.8/24.6						
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)	A	20						

(1) Actual number of connectable indoor units depends on the indoor unit type (VRV indoor, Hydrobox, RA indoor, etc.) and the connection ratio restriction for the system (70% ≤ CR ≤ 130%) | Contains fluorinated greenhouse gases

* EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland

Replacement technology



The quick and quality way of upgrading R-22, R-407C and R-410A systems

These benefits will convince your customer:

Drastically improve your efficiency, comfort and reliability

No disturbance of daily operations

- › Reuse of existing pipework results in fast installation
- › Plan phases to avoid loss of business
- › Replace any VRF system

Lower installation costs

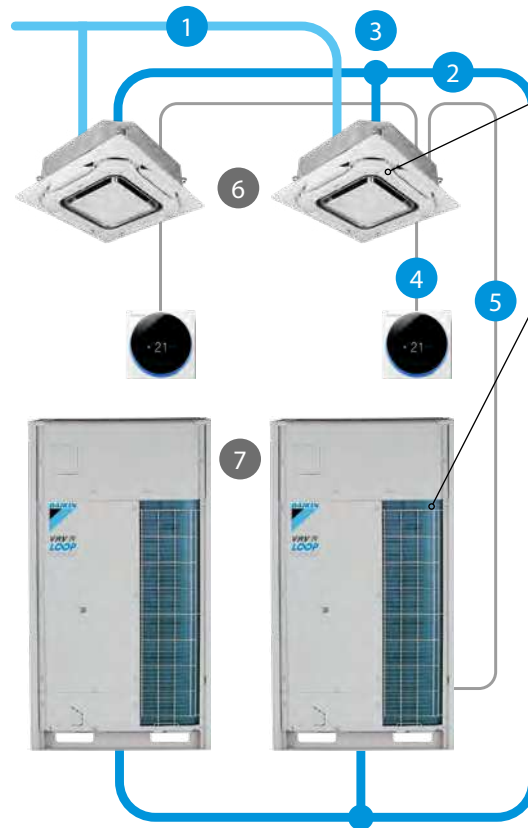
- › Shorter installation time
- › Use of existing piping and wiring
- › Reuse of materials

Lower investment and reduced running costs

- › CAPEX: Lower initial investment
- › OPEX: Lower energy consumption and maintenance costs
- › Keep your business running seamlessly

Higher property value

- › Higher property value
- › Improved facilities
 - Subsidies
 - Certifications (BREEAM, LEED and WELL)

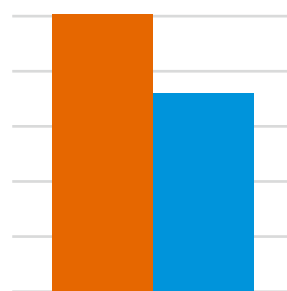


The Daikin upgrade solution:

Replace indoor units (optional)

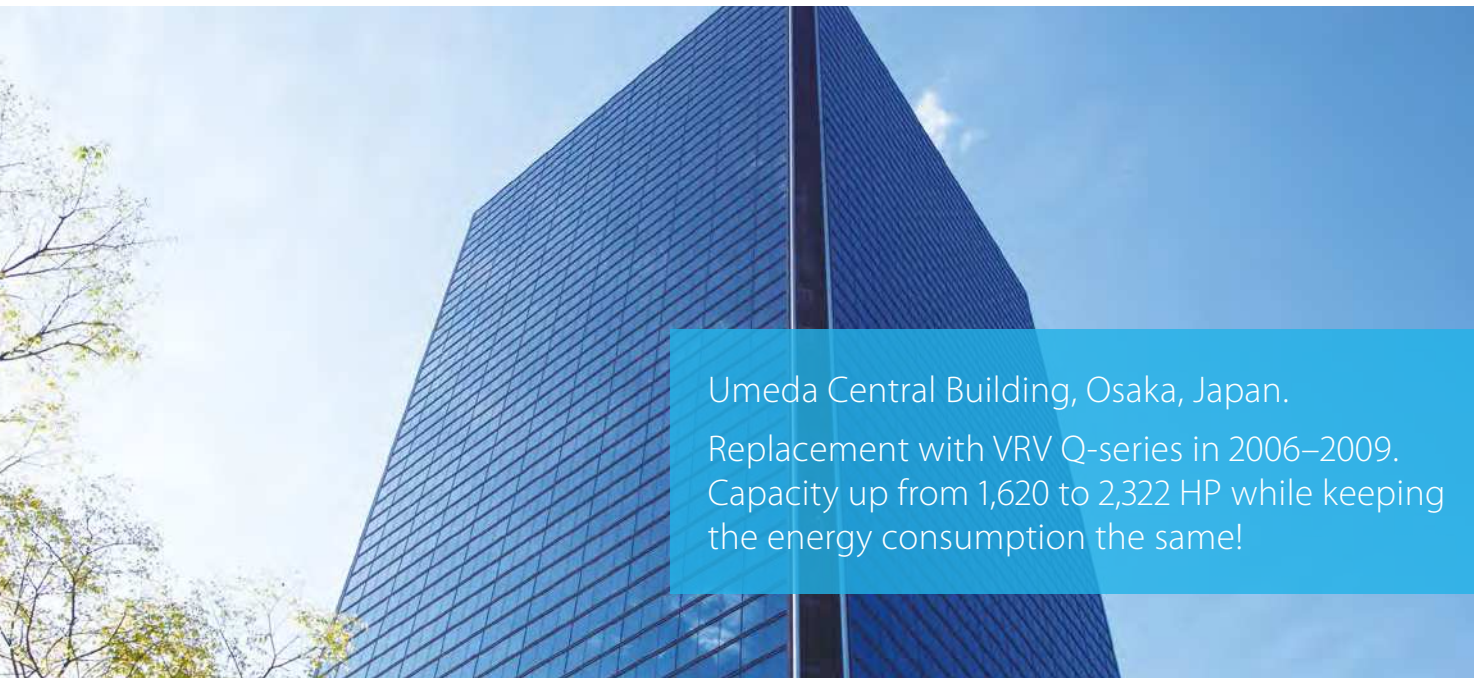
- › Depending on model type and condition the indoor units can be kept.

Replace outdoor units



∨ 31 %
(VRV II) (VRV IV)

31 % less energy used



Umeda Central Building, Osaka, Japan.
 Replacement with VRV Q-series in 2006–2009.
 Capacity up from 1,620 to 2,322 HP while keeping
 the energy consumption the same!

VRV-Q benefits to increase your profit:

Optimise your business

Less installation time

Tackle more projects in less time thanks to faster installation. It is more profitable than replacing the full system with new piping.

Lower installation costs

Reducing installation costs enables you to offer customers the most cost-effective solution and improve your competitive edge.

Replace non-Daikin systems

NON DAIKIN → **DAIKIN**

It is a trouble-free replacement solution for Daikin systems and for systems made by other manufacturers.

Easy as one-two-three

A simple solution for replacement technology enables you to handle more projects for more customers in less time and offer them the best price! Everybody wins.

Watch our online seminar on replacement VRV now!

	VRV-Q, keeping indoor units	VRV-Q, replacing indoor units	Completely new installation with standard VRV
Remove outdoor unit	21 %	21 %	21 %
Install new outdoor unit	14 %	14 %	14 %
Clean cooling circuit and leak test	14 %	14 %	14 %
Remove indoor units	–	8 %	8 %
Remove refrigerant pipes and other tasks	–	–	8 %
Install new refrigerant pipes	–	–	14 %
Install new indoor units and other tasks	–	21 %	21 %
Total installation time	49 %	78 %	100 %

Technology insight – Pipe cleaning and automatic refrigerant charging

Pipe cleaning and automatic refrigerant charging ensures a trouble-free operation.

Thanks to the pipe cleaning, possible contamination in the pipes is collected ensuring a trouble-free operation as with a completely new system.

The automatic charging ensures the correct amount of refrigerant is charged, so knowledge of the exact piping layout is not needed!

One touch convenience:

- › Measure and charge refrigerant
- › Test operation





Replacement VRV, heat recovery

Quick & quality replacement for R-22 and R-407C systems

- › Cost effective and fast replacement as only the outdoor and indoor unit needs to be replaced, meaning almost no work has to be carried out inside the building
- › Efficiency gains of more than 40% can be realized, thanks to technological developments in heat pump technology and the more efficient R-410A refrigerant
- › Less intrusive and time consuming installation compared to installing a new system, as the refrigerant piping can be maintained
- › Unique automatic refrigerant charge eliminates the need to calculate refrigerant volume and allows safe replacement of competitor replacement
- › Automatic cleaning of refrigerant piping ensures a clean piping network, even when a compressor breakdown has occurred
- › Possibility to add indoor units and increase capacity without changing the refrigerant piping
- › Possibility to spread the various stages of replacement thanks to the modular design of the VRV system
- › Accurate temperature control, fresh air provision, air handling units and Biddle air curtains all integrated in a single system requiring only one single point of contact (RXYQQ-U only)
- › Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature and full inverter compressors (RXYQQ-U only)
- › Free combination of outdoor units to meet installation space or efficiency requirements (RXYQQ-U only)



Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units

More details and final information can be found by scanning or clicking the QR codes.



RQCEQ-P3

Outdoor unit system		RQCEQ	280P3	460P3	500P3	540P3	712P3	744P3	816P3	
System	Outdoor unit module 1		RQEQ140P3			RQEQ180P3	RQEQ140P3		RQEQ180P3	
	Outdoor unit module 2		RQEQ140P3		RQEQ180P3				RQEQ212P3	
	Outdoor unit module 3		-	RQEQ180P3				RQEQ212P3		
	Outdoor unit module 4		-						RQEQ212P3	
Capacity range		HP	10	16	18	20	24	26	28	
Cooling capacity	Prated,c	kW	28.0	46.0	50.0	54.0	70.0	72.0	78.0	
Heating capacity	Prated,h	kW	32.0	52.0	56.0	60.0	78.4	80.8	87.2	
Recommended combination			4x FXMQ63P7VEB	4x FXMQ63P7VEB + 2x FXMQ80P7VEB	4x FXSQ32A2VEB + 8x FXSQ40A2VEB	12x FXSQ40A2VEB	4x FXSQ32A2VEB + 9x FXSQ40A2VEB + 3x FXSQ50A2VEB	4x FXSQ32A2VEB + 6x FXSQ40A2VEB + 6x FXSQ50A2VEB	7x FXSQ40A2VEB + 9x FXSQ50A2VEB	
ηs,c		%	200	191	201	198	194		204	
ηs,h		%	159	161	150	148	153	155		
Maximum number of connectable indoor units			21	34	39	43	52	56	60	
Indoor index connection	Min.		140	230	250	270	356	372	408	
	Nom.		280	500		540	712	744	816	
	Max.		364	598	650	702	926	967.0	1,061	
Piping connections	Liquid OD	mm	9.52	12.7	15.9		19.1			
	Gas OD	mm	22.2	28.6				34.9		
	Total piping System Actual length	m	300							
Power supply	Phase/Frequency/Voltage	Hz/V	3~/50/400							
Current - 50Hz	Maximum fuse amps (MFA)	A	30	50	60	80		90		
Outdoor unit module		RQEQ-P3	140P3	180P3	212P3					
Dimensions	Unit HeightxWidthxDepth	mm	1,680x635x765							
Weight	Unit	kg	175			110		179		
Fan	Air flow rate	Cooling Nom. m ³ /min	95		110					
	Type		Propeller fan							
Sound power level	Cooling Nom.	dB(A)	79		83		87			
	Heating According to ENER LOT21	dB(A)	79		84					
Sound pressure level	Cooling Nom.	dB(A)	-							
Operation range	Cooling Min.~Max.	°CDB	-5 ~43							
	Heating Min.~Max.	°CWB	-20 ~15.5							
Refrigerant	Type/GWP		R-410A/2,087.5							
	Charge	kg/TCO2Eq	10.3/21.5		10.6/22.1		11.2/23.4			
Power supply	Phase/Frequency/Voltage	Hz/V	3~/50/380-415							
Current - 50Hz	Maximum fuse amps (MFA)	A	15		20		22.5			

Contains fluorinated greenhouse gases



Replacement VRV, heat pump



For units made and sold in Europe*



RXYQQ8-12U

More details and final information can be found by scanning or clicking the QR codes.



RQYQ-P



RXYQQ-U

Outdoor unit		RXYQQ/RQYQ-P	140P	8U	10U	12U	14U	16U	18U	20U		
Capacity range		HP	5	8	10	12	14	16	18	20		
Cooling capacity	Prated,c	kW	14.0	22.4	28.0	33.5	40.0	45.0	50.4	52.0		
Heating capacity	Prated,h	kW	16.0	22.4	28.0	33.5	40.0	45.0	50.4	56.0		
	Max. 6°CWB	kW	-	25.0	31.5	37.5	45.0	50.0	56.5	63.0		
Recommended combination			4x FXSQ32A2VEB	4x FXFQ50AVEB	4x FXFQ63AVEB	6x FXFQ50AVEB	1x FXFQ50AVEB + 5x FXFQ63AVEB	4x FXFQ63AVEB + 2x FXFQ80AVEB	3x FXFQ50AVEB + 5x FXFQ63AVEB	2x FXFQ50AVEB + 6x FXFQ63AVEB		
ηs,c		%	194	302.4	267.6	247.8	250.7	236.5	238.3	233.7		
ηs,h		%	137	167.9	168.2	161.4	155.4	157.8	163.1	156.6		
SEER			-	7.6	6.8	6.3		6.0		5.9		
SCOP			-	4.3		4.1	4.0		4.2	4.0		
Maximum number of connectable indoor units			10				64 (1)					
Indoor index connection	Min.		62.5	100.0	125.0	150.0	175.0	200.0	225.0	250.0		
	Nom.		125									
	Max.		162.5	260.0	325.0	390.0	455.0	520.0	585.0	650.0		
Dimensions	Unit	HeightxWidthxDepth	mm			mm			mm			
			1,680x635x765			1,685x930x765			1,685x1,240x765			
Weight	Unit		kg			kg			kg			
			175			198			275			
Fan	Air flow rate	Cooling	Nom.	m ³ /min		m ³ /min		m ³ /min		m ³ /min		
					95							308
Sound power level	Cooling	Nom.	dBA		dBA		dBA		dBA			
				79	78.0	79.1	83.4	80.9	85.6	83.8	87.9	
Sound pressure level	Heating	Prated, h	dBA		dBA		dBA		dBA			
				79	79.6	80.9	83.5	83.1	86.5	85.3	89.8	
Operation range	Cooling	Min.~Max.	°CDB		°CDB		°CDB		°CDB			
				-5~43								
Refrigerant	Type/GWP	R-410A/2,087.5										
		Charge	kg/TCO2Eq		kg/TCO2Eq		kg/TCO2Eq		kg/TCO2Eq		kg/TCO2Eq	
Piping connections	Liquid	OD	mm		mm		mm		mm		mm	
				11.1/23.2	5.9/12.3	6.0/12.5	6.3/13.2	10.3/21.5	11.3/23.6	11.7/24.4	11.8/24.6	
			Gas	mm		mm		mm		mm		mm
			15.9	19.1	22.2			28.6				
Power supply	Phase/Frequency/Voltage	Hz/V	3~/50/380-415			3N~/50/380-415						
			Current - 50Hz	Maximum fuse amps (MFA)		A		A		A		A
			15	20	25	32	40	50				

Outdoor unit system		RXYQQ	22U	24U	26U	28U	30U	32U	34U	36U	38U	40U	42U	
System	Outdoor unit module 1		RXYQQ10U	RXYQQ8U	RXYQQ12U			RXYQQ16U			RXYQQ8U	RXYQQ10U		
	Outdoor unit module 2		RXYQQ12U	RXYQQ16U	RXYQQ14U	RXYQQ16U	RXYQQ18U	RXYQQ16U	RXYQQ18U	RXYQQ20U	RXYQQ10U	RXYQQ12U	RXYQQ16U	
	Outdoor unit module 3										RXYQQ20U	RXYQQ18U	RXYQQ16U	
Capacity range		HP	22	24	26	28	30	32	34	36	38	40	42	
Cooling capacity	Prated,c	kW	61.5	67.4	73.5	78.5	83.9	90.0	95.4	97.0	111.9	118.0	118.0	
Heating capacity	Prated,h	kW	61.5	67.4	73.5	78.5	83.9	90.0	95.4	101.0	111.9	118.0	62.4	
	Max. 6°CWB	kW	69.0	75.0	82.5	87.5	94.0	100.0	106.5	113.0	125.5	131.5	131.5	
Recommended combination			6x FXFQ50AVEB + 4x FXFQ63AVEB	4x FXFQ50AVEB + 4x FXFQ63AVEB + 2x FXFQ80AVEB	7x FXFQ50AVEB + 5x FXFQ63AVEB	6x FXFQ50AVEB + 4x FXFQ63AVEB + 2x FXFQ80AVEB	9x FXFQ50AVEB + 5x FXFQ63AVEB	8x FXFQ63AVEB + 4x FXFQ80AVEB	3x FXFQ50AVEB + 9x FXFQ63AVEB + 2x FXFQ80AVEB	2x FXFQ50AVEB + 10x FXFQ63AVEB + 2x FXFQ80AVEB	6x FXFQ50AVEB + 10x FXFQ63AVEB	9x FXFQ50AVEB + 9x FXFQ63AVEB	12x FXFQ63AVEB + 4x FXFQ80AVEB	
ηs,c		%	274.5	269.9	264.2	257.8	256.8	251.7	253.3	250.8	272.4	263.5	261.2	
ηs,h		%	171.2	167.0	164.6	166.0	169.8	163.1	166.2	162.4	167.5	170.0	165.5	
SEER			6.9	6.8	6.7	6.5		6.4		6.3	6.9	6.7	6.6	
SCOP			4.4	4.3		4.2	4.3		4.2	4.1	4.3	4.3	4.2	
Maximum number of connectable indoor units			64 (1)											
Indoor index connection	Min.		275.0	300.0	325.0	350.0	375.0	400.0	425.0	450.0	475.0	500.0	525.0	
	Max.		715.0	780.0	845.0	910.0	975.0	1,040.0	1,105.0	1,170.0	1,235.0	1,300.0	1,365.0	
Piping connections	Liquid	OD	mm		mm		mm		mm		mm		mm	
				15.9		34.9		19.1		41.3				
			Gas	mm		mm		mm		mm		mm		mm
			28.6											
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415											
			Current - 50Hz	Maximum fuse amps (MFA)		A		A		A		A		
			63				80				100			

(1) Actual number of connectable indoor units depends on the indoor unit type (VRV indoor, Hydrobox, RA indoor, etc.) and the connection ratio restriction for the system (50% <= CR <= 130%) | Contains fluorinated greenhouse gases

* EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland



Water-to-air heat pump

Welcome a new range of features

More flexibility

- › Mixed connection of HT hydroboxes and VRV indoor units
- › Connects to stylish indoor units such as Daikin Emura, Nexura, ... (no mixed connection with other indoors possible)
- › Extension of the range: 8-10-12-14HP, combinable up to 42HP while keeping the most compact casing in the market
- › Extended piping length up 165m (actual)
- › Extended indoor unit height difference to 30m

More capacity

- › Up to 72% increased capacity (!) per model thanks to new compressor and larger heat exchanger

Easier commissioning & customisation

- › 7 segment display
- › 2 analogue input signals allowing external control of
 - ON-OFF (e.g. compressor)
 - Operation mode (cooling / heating)
 - Limit of capacity
 - Error signal

Most compact casing in the market!



8 to 14 HP

16 to 28 HP

30 to 42 HP

Unique zero heat dissipation principle



- › No need for ventilation or cooling in the technical room
- › Control heat dissipation to achieve maximum efficiency; set target technical room temperature and unit regulates actual heat dissipation

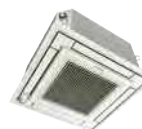
Total solution



Daikin Emura wall mounted unit



FTXA-AW/BS/BB/BT Stylish



Fully flat cassette



Intelligent Manager



Biddle air curtain



Air handling unit for ventilation



Low temperature hydrobox



High temperature hydrobox

With all existing standard functions



VRV IV W⁺ series

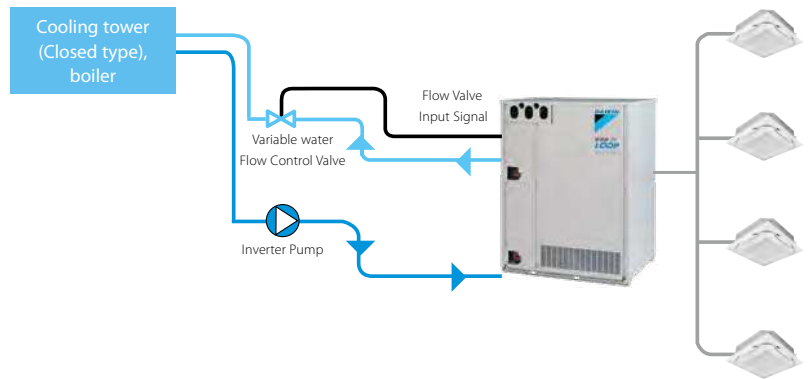
Indoor installation makes unit invisible from the outside

- › Seamless integration in the surrounding architecture as you cannot see the unit
- › Highly suited for sound sensitive areas as there is no external operation sound
- › Very flexible indoor installation as there is no heat dissipation
- › Superior efficiency, even in the most extreme outside conditions, especially in geothermal operation



Variable water flow control

- › The variable water flow control option reduces excessive energy use by the circulation pump.
- › By controlling a variable water valve, the water flow is reduced when possible, saving energy.
- › Via 0~10 volt



Lower refrigerant concentration levels

Water-cooled VRV systems typically have less refrigerant per system making it ideal to comply with the EN378 legislation limiting the amount of refrigerant in hospitals and hotels.

The refrigerant levels remain limited thanks to:

- › limited distance between outdoor and indoor unit
- › modularity: enabling small systems per floor instead of one big system. Thanks to the water circuit heat recovery is still possible in the entire building

Single port



BS1Q 10,16,25A

Multi port: 4 – 6 – 8 – 10 – 12 – 16



BS 4 Q14 A



BS 6, 8 Q14 A



BS 10, 12 Q14 A

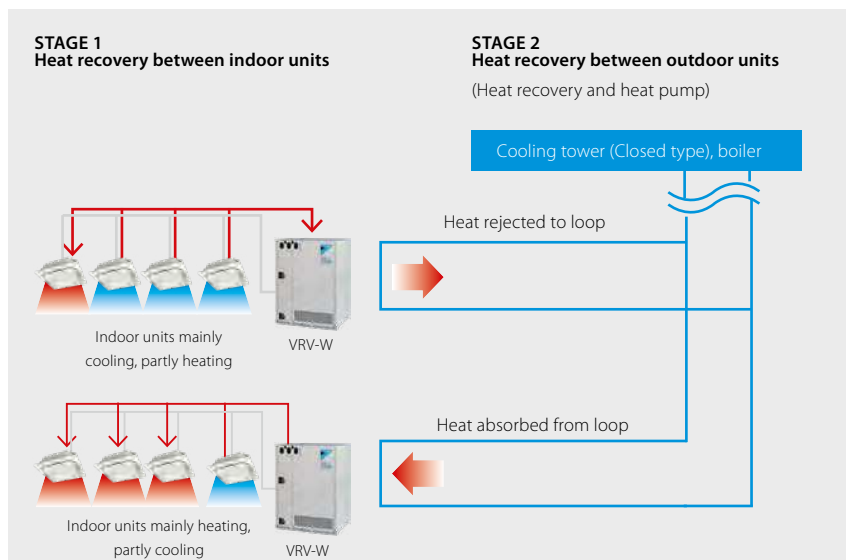


BS 16 Q14 A

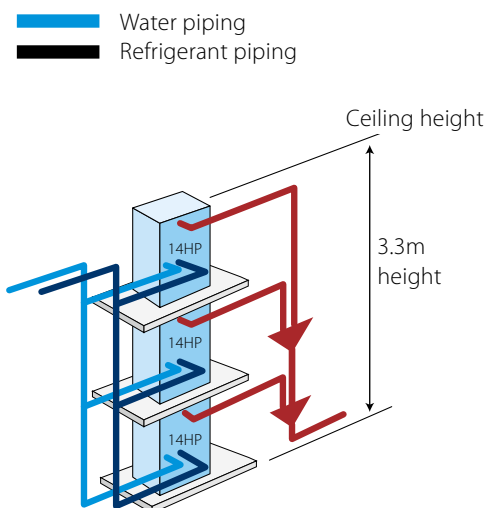
Maximum design flexibility and installation speed

- › Quickly and flexibly design your system with a unique range of single and multi BS boxes.
- › A wide variety of compact and lightweight multi BS boxes greatly reduces installation time.
- › Free combination of single and multi BS boxes

2-stage heat recovery



Stacked configuration

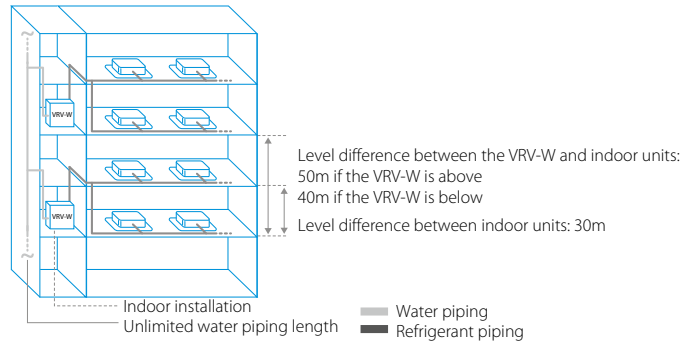


VRV IV water cooled+ series

Ideal for high rise buildings, using water as heat source

- › Environmental conscious solution: reduced CO₂ emissions thanks to the use of geothermal energy as a renewable energy source and typical lower refrigerant levels making it ideal to comply with EN378
- › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units, Biddle air curtains and hot water
- › Unique zero heat dissipation principle obviates the need for ventilation or cooling in the technical room, maximising installation flexibility
- › Wide range of indoor units: possibility to combine VRV with stylish indoor units (Daikin Emura, Perfera)
- › Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, VRV configurator, 7-segment display and full inverter compressors
- › Developed for easy installation and servicing: choice between top or front connection for refrigerant piping and rotating switch box for easy access to serviceable parts
- › Compact & lightweight design can be stacked for maximum space saving: 42HP can be installed in less than 0.5m² floorspace
- › 2-stage heat recovery: first stage between indoor units, second stage between outdoor units thanks to the storage of energy in the water circuit

- › Unified model for heat pump and heat recovery version and geothermal and standard operation
- › Variable Water Flow control option increases flexibility and control
- › 2 analogue input signals allowing external control of ON-OFF, operation mode, error signal, ...
- › Contains all standard VRV features



Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units



For units made and sold in Europe*

Connectable stylish indoor units

		20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS	60 CLASS	71 CLASS
Daikin Emura - Wall mounted unit	FTXJ-AW/AS/AB	•	•	•		•		
Stylish - Wall mounted unit	FTXA-AW/BS/BB/BT	•	•	•	•	•		
Perfera wall mounted	FTXM-R	•	•	•	•	•	•	•
Perfera floor standing	FVXM-A9	•	•	•		•		

BPMKS box needed to connect RA indoors to VRV IV (RYYQ / RXYQ)

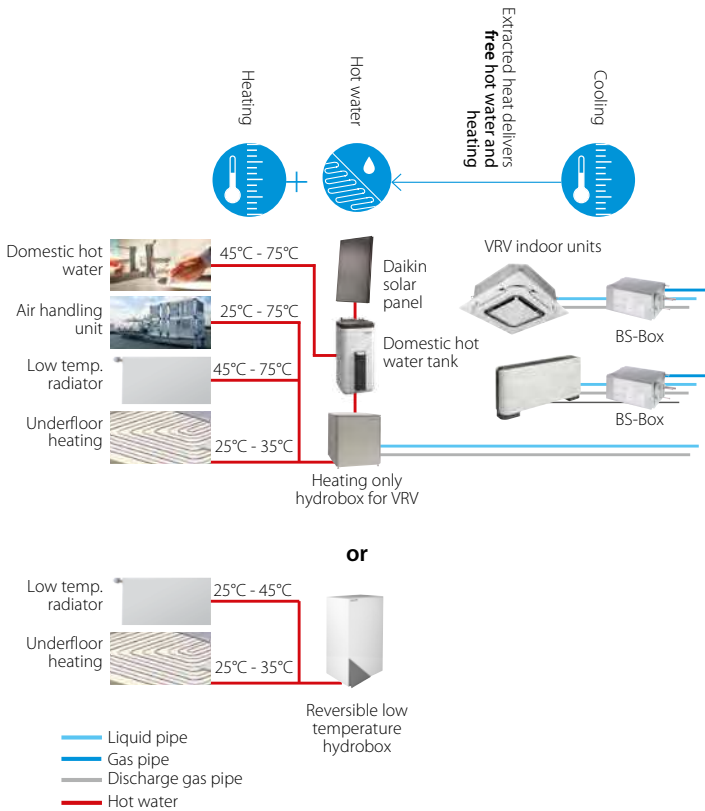
More details and final information can be found by scanning or clicking the QR codes.



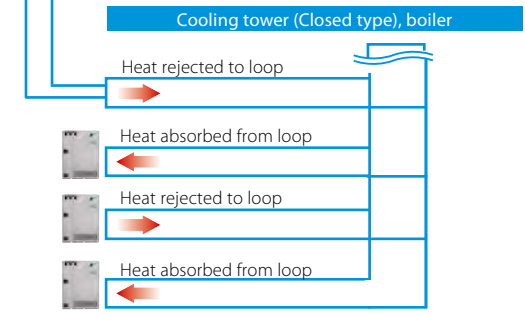
RWEYQ-T9

Outdoor unit		RWEYQ	8T9	10T9	12T9	14T9
Capacity range		HP	8	10	12	14
Cooling capacity	Prated,c	kW	22.4	28.0	33.5	40.0
Heating capacity	Prated,h	kW	25.0	31.5	37.5	45.0
	Max. 6°CWB	kW	25.0	31.5	37.5	45.0
Recommended combination			4x FXMQ50P7VEB	4x FXMQ63P7VEB	6x FXMQ50P7VEB	1x FXMQ50P7VEB + 5x FXMQ63P7VEB
ηs,c		%	326.8	307.8	359.0	330.7
ηs,h		%	524.3	465.9	436.0	397.1
SEER			8.4	7.9	9.2	8.5
SCOP			13.3	11.8	11.1	10.1
Maximum number of connectable indoor units			64 (1)			
Indoor index connection	Min.		100.0	125.0	150.0	175.0
	Max.		300.0	375.0	450.0	525.0
Dimensions	Unit	HeightxWidthxDepth	mm			
Weight	Unit		kg			
			195			
Sound power level	Cooling	Nom.	dBA			
			65.0			
Sound pressure level	Cooling	Nom.	dBA			
			48.0			
Operation range	Inlet water temperature	Cooling	Min.~Max.		°CDB	
		Heating	Min.~Max.		°CWB	
	Temperature around casing	Max.			°CDB	
	Humidity around casing	Cooling~Heating	Max.		%	
			80 ~80			
Refrigerant	Type/GWP		R-410A/2,087.5			
	Charge	kg/TCO2eq	7.9/16.5		9.6/20.0	
Piping connections	Liquid OD		mm			
			9.52			
	Gas OD		mm			
			19.1			
	HP/LP gas OD		15.9/19.1		19.1/22.2	
	Drain Size		14mm OD/ 10mm ID			
	Water Inlet/Outlet	Size	ISO 228-G1 1/4 B/ISO 228-G1 1/4 B			
	Total piping length	System Actual	m			
			500			
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50 /380-415			
Current - 50Hz	Maximum fuse amps (MFA)	A	20		25	

Stage 1 heat recovery between indoor units



Stage 2 heat recovery between outdoor units

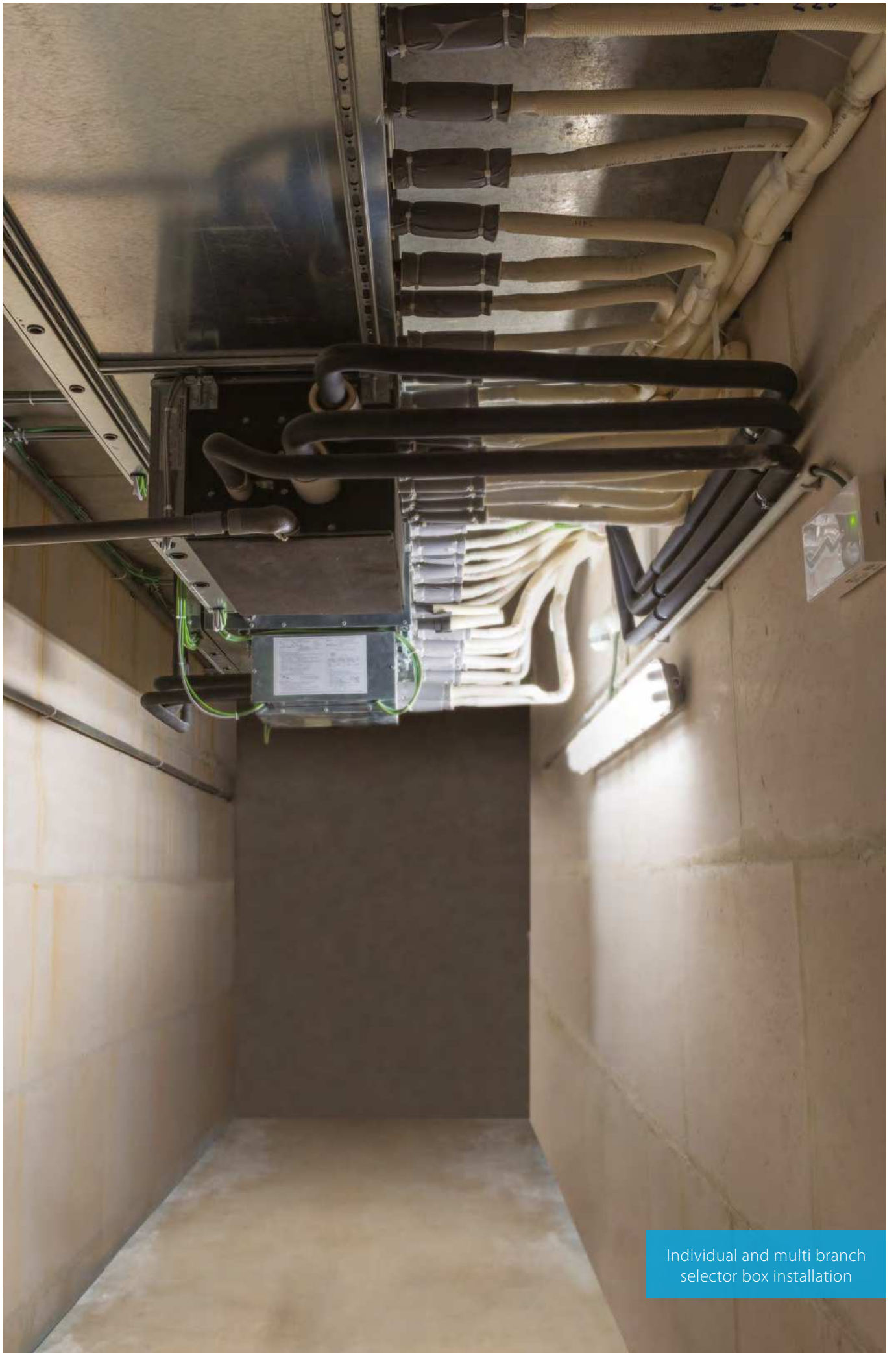


* Above system configuration are for illustration purpose only.

Outdoor unit system		RWEYQ	16T9	18T9	20T9	22T9	24T9	26T9	28T9	
System	Outdoor unit module 1		RWEYQ8T		RWEYQ10T		RWEYQ12T		RWEYQ14T	
	Outdoor unit module 2		RWEYQ8T		RWEYQ10T		RWEYQ12T		RWEYQ14T	
Capacity range		HP	16	18	20	22	24	26	28	
Cooling capacity	Prated,c	kW	44.8	50.4	56.0	61.5	67.0	73.5	80.0	
Heating capacity	Prated,h	kW	50.0	56.5	62.5	69.0	75.0	82.5	90.0	
	Max. 6°CWB	kW	50.0	56.5	62.5	69.0	75.0	82.5	90.0	
Recommended combination			4x FXMQ63P7VEB + 2x FXMQ80P7VEB	4x FXMQ50P7VEB + 4x FXMQ63P7VEB	8x FXMQ63P7VEB	6x FXMQ50P7VEB + 4x FXMQ63P7VEB	12x FXMQ50P7VEB	7x FXMQ50P7VEB + 5x FXMQ63P7VEB	2x FXMQ50P7VEB + 10x FXMQ63P7VEB	
ηs,c		%	307.6	308.7	298.1	311.3	342.6	322.5	306.1	
ηs,h		%	459.2	491.1	466.8	447.9	434.5	406.9	387.9	
SEER			7.9		7.7	8.0	8.8	8.3	7.9	
SCOP			11.7	12.5	11.9	11.4	11.1	10.4	9.9	
Maximum number of connectable indoor units			64 (1)							
Indoor index connection	Min.		200.0	225.0	250.0	275.0	300.0	325.0	350.0	
	Max.		600.0	675.0	750.0	825.0	900.0	975.0	1,050.0	
Piping connections	Liquid OD	mm	12.7		15.9		19.1			
	Gas OD	mm	28.6		34.9					
	HP/LP gas OD	mm	22.2 / 28.6		28.6 / 28.6		28.6 / 34.9			
	Total piping System Actual length	m	500							
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50 /380-415							
Current - 50Hz	Maximum fuse amps (MFA)	A	32		35	40		50		

Outdoor unit system		RWEYQ	30T9	32T9	34T9	36T9	38T9	40T9	42T9	
System	Outdoor unit module 1		RWEYQ10T		RWEYQ12T		RWEYQ14T		RWEYQ14T	
	Outdoor unit module 2		RWEYQ10T		RWEYQ12T		RWEYQ14T		RWEYQ14T	
	Outdoor unit module 3		RWEYQ10T		RWEYQ12T		RWEYQ14T		RWEYQ14T	
Capacity range		HP	30	32	34	36	38	40	42	
Cooling capacity	Prated,c	kW	84.0	89.5	95.0	100.5	107.0	113.5	120.0	
Heating capacity	Prated,h	kW	94.5	100.5	106.5	112.5	120.0	127.5	135.0	
	Max. 6°CWB	kW	94.5	100.5	106.5	112.5	120.0	127.5	135.0	
Recommended combination			12x FXMQ63P7VEB	6x FXMQ50P7VEB + 8x FXMQ63P7VEB	12x FXMQ50P7VEB + 4x FXMQ63P7VEB	18x FXMQ50P7VEB	13x FXMQ50P7VEB + 5x FXMQ63P7VEB	8x FXMQ50P7VEB + 10x FXMQ63P7VEB	3x FXMQ50P7VEB + 15x FXMQ63P7VEB	
ηs,c		%	308.3	318.2	342.5	352.3	338.8	341.4	332.9	
ηs,h		%	467.2	456.1	447.0	438.5	419.4	404.4	391.2	
SEER			7.9	8.2	8.8	9.0	8.7		8.5	
SCOP			11.9	11.6	11.4	11.2	10.7	10.3	10.0	
Maximum number of connectable indoor units			64 (1)							
Indoor index connection	Min.		375.0	400.0	425.0	450.0	475.0	500.0	525.0	
	Max.		1,125.0	1,200.0	1,275.0	1,350.0	1,425.0	1,500.0	1,575.0	
Piping connections	Liquid OD	mm	19.1						41.3	
	Gas OD	mm	34.9						41.3	
	HP/LP gas OD	mm	28.6 / 34.9		28.6 / 41.3		41.3 / 34.9			
	Total piping System Actual length	m	500							
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50 /380-415							
Current - 50Hz	Maximum fuse amps (MFA)	A	50		63		80			

(1) Actual number of units depends on the indoor unit type (VRV DX indoor, RA DX indoor, etc.) and the connection ratio restriction for the system (being; 50% ≤ CR ≤ 130%). | Contains fluorinated greenhouse gases * EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland



BS1Q-A

Individual branch selector for VRV IV heat recovery

- › Unique range of single and multi BS boxes for flexible and fast design
- › Compact & light to install
- › Ideal for remote rooms as no drain piping is needed
- › Allows integration of server rooms into the heat recovery solution thanks to technical cooling function
- › Connect up to 250 class unit (28kW)
- › **UNIQUE** Faster installation thanks to open port connection
- › Allows multi tenant applications
- › Connectable to REYQ-T, RQCEQ-P3 and RWEYQ-T8 heat recovery units



More details and final information can be found by scanning or clicking the QR codes.



Indoor Unit		BS1Q	1Q10A	1Q16A	1Q25A
Power input	Cooling Nom.	kW		0.005	
	Heating Nom.	kW		0.005	
Maximum number of connectable indoor units			6		8
Maximum capacity index of connectable indoor units			15 < x ≤ 100	100 < x ≤ 160	160 < x ≤ 250
Dimensions	Unit HeightxWidthxDepth	mm	207x388x326		
Weight	Unit	kg	12		15
Casing	Material		Galvanised steel plate		
Piping connections	Outdoor unit	Liquid OD	9.52		
		Gas OD	15.9		22.2
		Discharge gas OD	12.7		19.1
	Indoor unit	Liquid OD	9.52		
		Gas OD	15.9		22.2
Sound absorbing thermal insulation			Foamed polyurethane Flame-resistant needle felt		
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240		
	Maximum fuse amps (MFA)	A	15		

Contains fluorinated greenhouse gases

BS-Q14AV1B

Multi branch selector for VRV IV heat recovery

- › Unique range of single and multi BS boxes for flexible and fast design
- › Major reduction in installation time thanks to wide range, compact size and light weight multi BS boxes
- › Up to 70% smaller and 66% lighter than previous series
- › Faster installation thanks to a reduced number of brazing points and wiring
- › All indoor units connectable to one BS box
- › Less inspection ports needed compared to installing single BS boxes
- › Up to 16kW capacity available per port
- › Connect up to 250 class unit (28kW) by combining 2 ports
- › No limit on unused ports allowing phased installation
- › **UNIQUE** Faster installation thanks to open port connection
- › **UNIQUE** Refrigerant filters for high reliability
- › Allows multi tenant applications
- › Connectable to REYQ-T, RQCEQ-P3 and RWEYQ-T8 heat recovery units



More details and final information can be found by scanning or clicking the QR codes.

















Indoor Unit		BS	4Q14AV1B	6Q14AV1B	8Q14AV1B	10Q14AV1B	12Q14AV1B	16Q14AV1B
Maximum number of connectable indoor units			20	30	40	50	60	64
Maximum capacity index of connectable indoor units			400	600		750		
Dimensions	Unit HeightxWidthxDepth	mm	298x370x430	298x580x430		298x820x430		298x1,060x430
Weight	Unit	kg	17.0	24.0	26.0	35.0	38.0	50.0
Casing	Material		Galvanised steel plate					
Piping connections	Outdoor unit	Liquid OD	9.52	12.7	12.7/15.9	15.9	15.9/19.1	
		Gas OD	22.2/19.1	28.6/22.2	28.6	28.6/34.9		
		Discharge gas OD	19.1/15.9	19.1/22.2	19.1/22.2/28.6	28.6		
	Indoor unit	Liquid OD	6.35/9.52					
		Gas OD	12.7/15.9					
Sound absorbing thermal insulation			Urethane foam, polyethylene foam					
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240					
	Maximum fuse amps (MFA)	A	15					

Contains fluorinated greenhouse gases

Products overview **VRV IV**


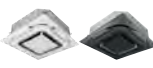
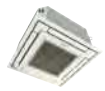









Capacity class (kW)

Type	Model	Product name	15	20	25	32	40	50	63	71	80	100	125	140	200	250	
Ceiling mounted cassette	<p>UNIQUE Round flow cassette</p> <p>360° air discharge for optimum efficiency and comfort</p> <ul style="list-style-type: none"> Auto cleaning function ensures high efficiency Intelligent sensors save energy and maximize comfort Flexibility to suit every room layout Lowest installation height in the market! Widest choice ever in decoration panel designs and colors 	 <p>FXFQ-B</p> 		•	•	•	•	•	•		•	•	•				
	<p>UNIQUE Fully flat cassette</p> <p>Unique design that integrates fully flat into the ceiling</p> <ul style="list-style-type: none"> Perfect integration in standard architectural ceiling tiles Blend of iconic design and engineering excellence Intelligent sensors save energy and maximize comfort Small capacity unit developed for small or well-insulated rooms Flexibility to suit every room layout 	<p>FXZQ-A</p> 	•	•	•	•	•	•									
	<p>2-way blow ceiling mounted cassette</p> <p>Thin, lightweight design installs easily in narrow ceiling spaces</p> <ul style="list-style-type: none"> Depth of all units is 620mm, ideal for narrow ceiling spaces Flexibility to suit every room layout Reduced energy consumption thanks to DC fan motor The flaps close entirely when the unit is not operating Optimum comfort with automatic air flow adjustment to the required load 	<p>FXCQ-A</p> 		•	•	•	•	•	•		•		•				
	<p>Ceiling mounted corner cassette</p> <p>1-way blow unit for corner installation</p> <ul style="list-style-type: none"> Compact dimensions enable installation in narrow ceiling voids Flexible installation thanks to different air discharge options 	<p>FXKQ-MA</p> 			•	•	•		•								
Concealed ceiling	<p>Slim concealed ceiling unit</p> <p>Slim design for flexible installation</p> <ul style="list-style-type: none"> Compact dimensions enable installation in narrow ceiling voids Medium external static pressure up to 44Pa Only grilles are visible Small capacity unit developed for small of well-insulated rooms Reduced energy consumption thanks to DC fan motor 	<p>FXDQ-A3</p> 	•	•	•	•	•	•									
	<p>Concealed ceiling unit with medium ESP</p> <p>Slimmest yet most powerful medium static pressure unit on the market!</p> <ul style="list-style-type: none"> Slimmest unit in class, only 245mm Low operating sound level Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths Automatic air flow adjustment function measures the air volume and static pressure and adjusts it towards the nominal air flow, guaranteeing comfort 	<p>FXSQ-A</p> 	•	•	•	•	•	•			•	•	•	•			
	<p>Concealed ceiling unit with high ESP</p> <p>ESP up to 200, ideal for large sized spaces</p> <ul style="list-style-type: none"> Optimum comfort guaranteed no matter the length of ductwork or type of grilles, thanks to automatic air flow adjustment Reduced energy consumption thanks to DC fan motor Flexible installation as the air suction direction can be altered from rear to bottom suction 	<p>FXMQ-P7</p> 							•	•	•	•					
	<p>NEW Concealed ceiling unit with high ESP</p> <p>ESP up to 250, ideal for extra large sized spaces</p> <ul style="list-style-type: none"> Only grilles are visible Large capacity unit: up to 31.5 kW heating capacity 	<p>FXMQ-A</p> 														•	•
Wall mounted	<p>Wall mounted unit</p> <p>For rooms with no false ceilings nor free floor space</p> <ul style="list-style-type: none"> Flat, stylish front panel is more easy to clean Small capacity unit developed for small of well-insulated rooms Reduced energy consumption thanks to DC fan motor The air is comfortably spread up- and downwards thanks to 5 different discharge angles 	<p>FXAQ-A</p> 	•	•	•	•	•	•									
Ceiling suspended	<p>Ceiling suspended unit</p> <p>For wide rooms with no false ceilings nor free floor space</p> <ul style="list-style-type: none"> Ideal for comfortable air flow in wide rooms thanks to Coanda effect Rooms with ceilings up to 3.8m can be heated or cooled very easily! Can easily be installed in both new and refurbishment projects Can even be mounted in corners or narrow spaces without any problem Reduced energy consumption thanks to DC fan motor 	<p>FXHQ-A</p> 				•		•			•						
	<p>UNIQUE 4-way blow ceiling suspended unit</p> <p>Unique Daikin unit for high rooms with no false ceilings nor free floor space</p> <ul style="list-style-type: none"> Rooms with ceilings up to 3.5m can be heated up or cooled down very easily! Can easily be installed in both new and refurbishment projects Flexibility to suit every room layout Reduced energy consumption thanks to DC fan motor 	<p>FXUQ-A</p> 								•		•					
Floor standing	<p>Floor standing unit</p> <p>For perimeter zone air conditioning</p> <ul style="list-style-type: none"> Can be installed in front of glass walls or free standing as both the front and the back are finished Ideal for installation beneath a window Requires very little installation space Wall mounted installation facilitates cleaning beneath the unit 	<p>FXLQ-P</p> 		•	•	•	•	•	•								
	<p>Concealed floor standing unit</p> <p>Ideal for installation in offices, hotels and residential applications</p> <ul style="list-style-type: none"> Discretely concealed in the wall, leaving only the suction and discharge grilles visible Can even be installed underneath a window Requires very little installation space as the depth is only 200mm High ESP allows flexible installation 	<p>FXNQ-A</p> 		•	•	•	•	•	•								
Cooling capacity (kW) ¹				1.7	2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0	11.2	14.0	16.0	22.4	28.0
Heating capacity (kW) ²				1.9	2.5	3.2	4.0	5.0	6.3	8.0	9.0	10.0	12.5	16.0	18.0	25.0	31.5

(1) Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m
 (2) Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m

Products overview Stylish indoor units

Depending on the application, Split and Sky Air indoor units can be connected to our VRV IV and VRV IV S-series outdoor units. Refer to the **outdoor unit portfolio** for combination restrictions.

Type	Model	Product name	Capacity class (kW)								Connectable outdoor unit						
			15	20	25	35	42	50	60	71	RYYQ-U	RXYQ-U	RXYSQ-TV1 ³	RXYSQ-TV9 ³	RXYSQ-TV9/TV ³ P	RWEYQ-T9 ⁴	RXYLQ-T
Ceiling mounted cassette	Round flow cassette (incl. auto-cleaning function) 	FCAG-B 				●			●	●	UV Streamer kit			✓			
	Fully flat cassette	FFA-A9 			●	●			●	●				✓			
Concealed ceiling	Slim concealed ceiling unit	FDXM-F9 			●	●			●	●	Auto cleaning filter option			✓			
	Concealed ceiling unit with inverter-driven fan	FBA-A(9) 				●			●	●	●			✓			
Wall mounted	Daikin Emura Wall mounted unit 	FTXJ-AW/AS/AB 		●	●	●			●			✓	✓	✓	✓	✓	
	Stylish Wall mounted unit	FTXA-AW/BS/BB/BT 		●	●	●		●	●			✓	✓	✓	✓	✓	
	Perfera Wall mounted unit	CTXM-R/FTXM-R 	● RXYS(C)Q only	●	●	●		●	●	●	●	✓	✓	✓	✓	✓	
Ceiling suspended	Ceiling suspended unit	FHA-A(9) 				●			●	●			✓				
Floor standing	Perfera Floor standing unit	FVXM-A9 		●	●	●			●			✓	✓	✓	✓	✓	
	Concealed floor standing unit	FNA-A9 			●	●			●	●				✓			
























¹ Decoration panel BYCQ140DG9 or BYCQ140DGF9 + BRC1E* or BRC1H* needed

² To connect stylish indoor units a BPMKS unit is needed

³ A mix of RA indoor units and VRV indoor units is not allowed.

⁴ Only in heat pump operation

Benefits overview **VRV IV**

We care		Home leave operation	Maintains the indoor temperature at your specified comfort level during absence, thus saving energy
		Fan only	The unit can be used as fan, blowing air without heating or cooling
		Auto cleaning filter	The filter automatically cleans itself. Simplicity of upkeep means optimum energy efficiency and maximum comfort without the need for expensive or time-consuming maintenance
		Presence & floor sensor	The presence sensor directs the air away from any person detected in the room, when the air flow control is on. The floor sensor detects the average floor temperature and ensures an even temperature distribution between ceiling and floor
Comfort		Draught prevention	When starting to warm up or when the thermostat is off, the air discharge direction is set horizontally and the fan to low speed, to prevent draught. After warming up, air discharge and fan speed are set as desired
		Whisper quiet	Daikin indoor units are whisper quiet. Also the outdoor units are guaranteed not to disturb the quiet of the neighbourhood
		Auto cooling-heating changeover	Automatically selects cooling or heating mode to achieve the set temperature
Air treatment		UV Streamer kit	Purifies the air of pollutants such as viruses, bacteria, fine dust (PM1.0), odours, allergens, etc ensuring a healthy and hygienic indoor environment
		Air filter	Removes airborne dust particles to ensure a steady supply of clean air
Humidity control		Dry programme	Allows humidity levels to be reduced without variations in room temperature
Air flow		Ceiling soiling prevention	Prevents air from blowing out too long in horizontal position, to prevent ceiling stains
		Vertical auto swing	Possibility to select automatic vertical moving of the air discharge flaps for efficient air and temperature distribution throughout the room
		Fan speed steps	Allows to select up to the given number of fan speed
		Individual flap control	Individual flap control via the wired remote controller enables you to easily fix the position of each flap individually, to suit any new room configuration. Optional closure kits are available as well
		Weekly timer	Can be set to start heating or cooling anytime on a daily or weekly basis
		Infrared remote control	Starts, stops and regulates the air conditioner from a distance
		Wired remote control	Starts, stops and regulates the air conditioner
		Centralised control	Starts, stops and regulates several air conditioners from one central point
		Multi zoning	Allows up to 6 individual climate zones with one indoor unit
Other functions		Auto-restart	The unit restarts automatically at the original settings after power failure
		Self-diagnosis	Simplifies maintenance by indicating system faults or operating anomalies
		Drain pump kit	Facilitates condensation draining from the indoor unit
		Multi tenant	The indoor unit's main power supply can be turned off when leaving the hotel or office building

Ceiling mounted cassette units				Concealed ceiling units				Wall mounted unit	Ceiling suspended units		Floor standing units	
FXFQ-B	FXZQ-A	FXCQ-A	FXKQ-MA	FXDQ-A3	FXSQ-A	FXMQ-P7	FXMQ-A	FXAQ-A	FXHQ-A	FXUQ-A	FXNQ-A	FXLQ-P
●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●
○												
○	○									○		
●	●		●							●		
●	●	●		●	●			●				
●	●	●	●	●	●	●	●	●	●	●	●	●
○												
● (2) <small>(Optional high efficiency filter ePM10 60%)</small>	● (1)	● (1)	● (1)	● (1)	● (1)	● (1)	● (1)	● (1)	● (1)	● (1)	● (1)	● (1)
							Optional pre filter and high efficiency filter available					
●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●									
●	●	●	●					●	●	●		
5 + auto	3 + auto	3 + auto	2	3	3 + auto	3	3 + auto	2	3	3 + auto	2	3
●	●									●		
○	○	○	○	○	○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○	○	○	○	○	○
				○	○							
●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	○	○	○	●		
○	○			○	○	○		○			○	○

● standard, ○ optional

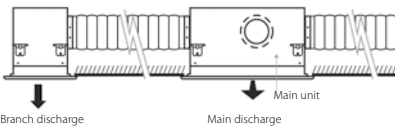
(1) Pre filter

Round flow cassette

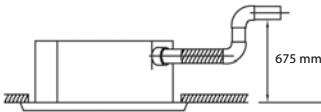
360° air discharge for optimum efficiency and comfort

- › Optional automatic filter cleaning panel results in higher efficiency & comfort and lower maintenance costs.
- › Two optional intelligent sensors improve energy efficiency and comfort
- › Widest choice ever in decoration panels: designer panels in white (RAL9010) and black (RAL9005) and standard panels in white (RAL9010) with grey louvers or full white
- › Bigger flaps and unique swing pattern improve equal air distribution
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Lowest installation height in the market: 214mm for class 20-63
- › UV streamer kit, purifies the air of pollutants such as viruses, bacteria, fine dust (PM1.0), oudeurs, allergens, etc ensuring a healthy and hygienic indoor environment
- › Optional fresh air intake
- › Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms

NEW



- › Standard drain pump with 675mm lift increases flexibility and installation speed



More details and final information can be found by scanning or clicking the QR codes.



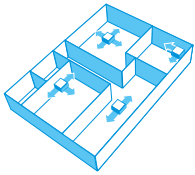
Indoor Unit				FXFQ	20B	25B	32B	40B	50B	63B	80B	100B	125B
Cooling capacity	Total capacity	At high fan speed	kW	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	
Heating capacity	Total capacity	At high fan speed	kW	2.50	3.20	4.00	5.00	6.30	8.00	10.00	12.50	16.00	
Power input - 50Hz	Cooling	At high fan speed	kW	0.017			0.018	0.023	0.028	0.045	0.071	0.103	
	Heating	At high fan speed	kW	0.017			0.018	0.023	0.028	0.045	0.071	0.103	
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840						246x840x840		288x840x840	
Weight	Unit		kg	18			19		21		24		26
Casing	Material			Galvanised steel plate									
Decoration panel	Model			Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels: BYCQ140EGF - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black									
		Dimensions	HeightxWidthxDepth	mm	Standard panels: 65x950x950 / Auto cleaning panels: 148x950x950 / Designer panels: 106x950x950								
		Weight		kg	Standard panels: 5.5 / Auto cleaning panels: 10.3 / Designer panels: 6.5								
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m ³ /min	12.8/10.7/8.9			14.8/12.6/10.4	15.1/12.9/10.7	16.6/13.4/10.7	23.3/19.2/13.5	27.8/20.4/13.0	31.6/26.0/19.8
		Heating	At high / medium / low fan speed	m ³ /min	12.8/10.7/8.9			14.8/12.6/10.4	15.1/12.9/10.7	16.6/13.4/10.7	22.5/18.5/13.0	27.8/20.4/13.0	30.3/24.9/18.9
Air filter	Type			Resin net									
Sound power level	Cooling	At high fan speed	dBA	49.0			51.0		53.0	55.0	60.0	61.0	
		At high / medium / low fan speed	dBA	31.0/29.0/28.0			33.0/31.0/29.0		35.0/33.0/30.0	38.0/34.0/30.0	43.0/37.0/30.0	45.0/41.0/36.0	
Sound pressure level	Heating	At high / medium / low fan speed	dBA	31.0/29.0/28.0			33.0/31.0/29.0		35.0/33.0/30.0	38.0/34.0/30.0	43.0/37.0/30.0	45.0/41.0/36.0	
				R-410A/2,087.5									
Refrigerant	Type/GWP			R-410A/2,087.5									
	Liquid	OD	mm	6.35							9.52		
	Gas	OD	mm	12.7							15.9		
Piping connections	Drain			VP25 (O.D. 32 / I.D. 25)									
	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220									
	Maximum fuse amps (MFA)		A	16									
Control systems	Infrared remote control			BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB									
	Wired remote control			BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52									

Contains fluorinated greenhouse gases

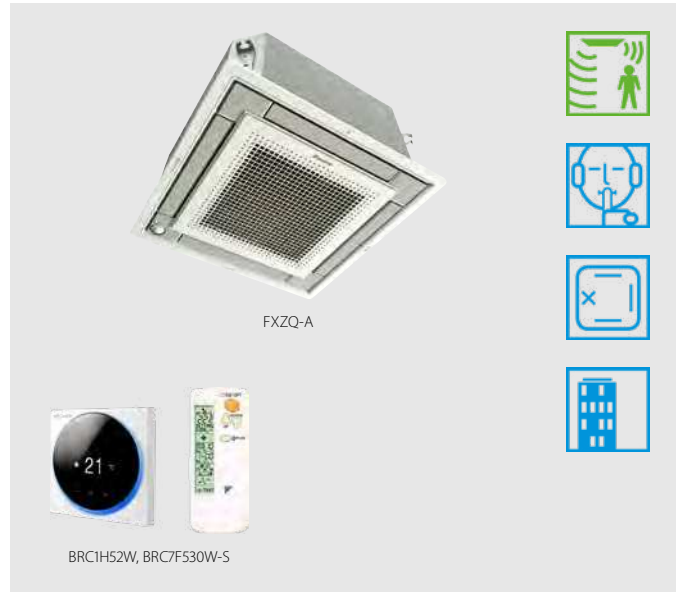
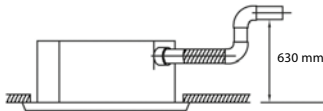
Fully flat cassette

Unique design in the market that integrates fully flat into the ceiling

- › Fully flat integration in standard architectural ceiling tiles, leaving only 8mm
- › Remarkable blend of iconic design and engineering excellence with an elegant finish in white or a combination of silver and white
- › Two optional intelligent sensors improve energy efficiency and comfort
- › 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!



- › Optional fresh air intake
- › Standard drain pump with 630mm lift increases flexibility and installation speed



More details and final information can be found by scanning or clicking the QR codes.



FXZQ-A

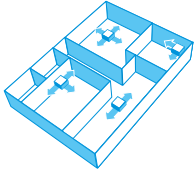
Indoor Unit		FXZQ		15A	20A	25A	32A	40A	50A	
Cooling capacity	Total capacity	At high fan speed	kW	1.70	2.20	2.80	3.60	4.50	5.60	
	Heating capacity	Total capacity	At high fan speed	kW	1.90	2.50	3.20	4.00	5.00	6.30
Power input - 50Hz	Cooling	At high fan speed	kW	0.018		0.020	0.019	0.029	0.048	
	Heating	At high fan speed	kW	0.018		0.020	0.019	0.029	0.048	
Dimensions	Unit	HeightxWidthxDepth	mm	260x575x575						
Weight	Unit		kg	15.5		16.5		18.5		
Casing	Material	Galvanised steel plate								
Decoration panel	Model	BYFQ60C2W1W								
	Colour	White (N9.5)								
	Dimensions	HeightxWidthxDepth	mm	46x620x620						
	Weight		kg	2.8						
Decoration panel 2	Model	BYFQ60C2W1S								
	Colour	SILVER								
	Dimensions	HeightxWidthxDepth	mm	46x620x620						
	Weight		kg	2.8						
Decoration panel 3	Model	BYFQ60B2W1								
	Colour	White (RAL9010)								
	Dimensions	HeightxWidthxDepth	mm	55x700x700						
	Weight		kg	2.7						
Decoration panel 4	Model	BYFQ60B3W1								
	Colour	WHITE (RAL9010)								
	Dimensions	HeightxWidthxDepth	mm	55x700x700						
	Weight		kg	2.7						
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m ³ /min	8.5/7.00/6.5	8.7/7.50/6.5	9.0/8.00/6.5	10.0/8.50/7.0	11.5/9.50/8.0	14.5/12.5/10.0
		Heating	At high / medium / low fan speed	m ³ /min	8.5/7.0/6.5	8.7/7.5/6.5	9.0/8.0/6.5	10.0/8.5/7.0	11.5/9.5/8.0	14.5/12.5/10.0
Air filter	Type	Resin net								
Sound power level	Cooling	At high fan speed	dBA	49		50	51	54	60	
		At high / medium / low fan speed	dBA	31.5/28.0/25.5	32.0/29.5/25.5	33.0/30.0/25.5	33.5/30.0/26.0	37.0/32.0/28.0	43.0/40.0/33.0	
Sound pressure level	Heating	At high / medium / low fan speed	dBA	31.5/28.0/25.5	32.0/29.5/25.5	33.0/30.0/25.5	33.5/30.0/26.0	37.0/32.0/28.0	43.0/40.0/33.0	
		At high / medium / low fan speed	dBA	31.5/28.0/25.5	32.0/29.5/25.5	33.0/30.0/25.5	33.5/30.0/26.0	37.0/32.0/28.0	43.0/40.0/33.0	
Refrigerant	Type/GWP	R-410A/2,087.5								
Piping connections	Liquid	OD	mm	6.35						
	Gas	OD	mm	12.7						
	Drain			VP20 (I.D. 20/O.D. 26)						
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220						
Current - 50Hz	Maximum fuse amps (MFA)		A	16						
Control systems	Infrared remote control	BRC7F530W (white panel) / BRC7F530S (grey panel) / BRC7EB530W (standard panel)								
Control systems	Wired remote control	BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52								

Contains fluorinated greenhouse gases

2-way blow ceiling mounted cassette

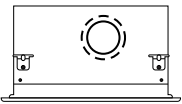
Thin, lightweight design installs easily in narrow corridors

- › Depth of all units is 620mm, ideal for narrow spaces
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!



- › Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible
- › Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required

Fresh air intake opening in casing

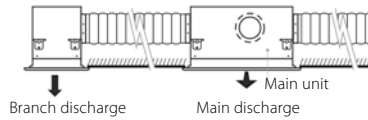


* Brings in up to 10% of fresh air into the room

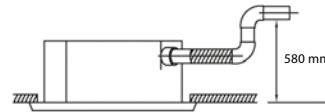
- › Optimum comfort guaranteed with automatic air flow adjustment to the required load
- › Maintenance operations can be performed by removing the front panel



- › Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms



- › Standard drain pump with 580mm lift increases flexibility and installation speed



More details and final information can be found by scanning or clicking the QR codes.



FXCQ-A

Indoor Unit			FXCQ	20A	25A	32A	40A	50A	63A	80A	125A
Cooling capacity	Total capacity	At high fan speed	kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	14.0
Heating capacity	Total capacity	At high fan speed	kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	16.0
Power input - 50Hz	Cooling	At high fan speed	kW	0.031	0.039		0.041	0.059	0.063	0.090	0.149
	Heating	At high fan speed	kW	0.028	0.035		0.037	0.056	0.060	0.086	0.146
Dimensions	Unit	HeightxWidthxDepth	mm	305x775x620				305x990x620		305x1,445x620	
Weight	Unit		kg	19			22	25	33	38	
Casing	Material			Galvanised steel plate							
Decoration panel	Model			BYBCQ40HW1			BYBCQ63HW1		BYBCQ125HW1		
	Colour			Fresh white (6.5Y 9.5/0.5)							
	Dimensions	HeightxWidthxDepth	mm	55x1,070x700			55x1,285x700		55x1,740x700		
	Weight		kg	10			11		13		
Fan	Air flow rate - 50Hz	Cooling	m ³ /min	10.5/9/7.5	11.5/9.5/8		12/10.5/8.5	15/13/10.5	16/14/11.5	26/22.5/18.5	32/27.5/22.5
		At high/medium/low fan speed									
Air filter	Type			Resin net with mold resistance							
Sound power level	Cooling	At high fan speed / At medium fan speed / At low fan speed	dB(A)	48/46/44	50/47/45	50/48/46	52/49/47	53/51/47	55/53/48	58/54/49	62/58/54
		At high fan speed / At medium fan speed / At low fan speed	dB(A)	32.0/30.0/28.0	34.0/31.0/29.0	34.0/32.0/30.0	36.0/33.0/31.0	37.0/35.0/31.0	39.0/37.0/32.0	42.0/38.0/33.0	46.0/42.0/38.0
Sound pressure level	Heating	At high fan speed / At medium fan speed / At low fan speed	dB(A)	32.0/30.0/28.0	34.0/31.0/29.0	34.0/32.0/30.0	36.0/33.0/31.0	37.0/35.0/31.0	39.0/37.0/32.0	42.0/38.0/33.0	46.0/42.0/38.0
		At high fan speed / At medium fan speed / At low fan speed	dB(A)	32.0/30.0/28.0	34.0/31.0/29.0	34.0/32.0/30.0	36.0/33.0/31.0	37.0/35.0/31.0	39.0/37.0/32.0	42.0/38.0/33.0	46.0/42.0/38.0
Refrigerant	Type/GWP			R-410A/2,087.5							
Piping connections	Liquid	OD	mm	6.35				9.52			
	Gas	OD	mm	12.7				15.9			
	Drain			VP25 (O.D. 32 / I.D. 25)							
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50 /220-240							
Current - 50Hz	Maximum fuse amps (MFA)	A		16							
Control systems	Infrared remote control			BRC7C52							
	Wired remote control			BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52							

Contains fluorinated greenhouse gases

Ceiling mounted corner cassette

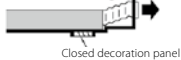
1-way blow unit for corner installation

- › Compact dimensions, can easily be mounted in a narrow ceiling void (only 220mm ceiling space required, 195 with panel spacer, available as accessory)
- › Optimum air flow conditions are created by either downward air discharge or frontal air discharge (via optional grille) or a combination of both

Downward discharge



Frontal discharge

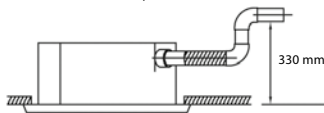


Closed decoration panel

Combination



- › Maintenance operations can be performed by removing the front panel
- › Standard drain pump with 330mm lift increases flexibility and installation speed



More details and final information can be found by scanning or clicking the QR codes.



FXKQ-MA

Indoor Unit		FXKQ	25MA	32MA	40MA	63MA
Cooling capacity	Total capacity		2.8	3.6	4.5	7.10
	At high fan speed					
Heating capacity	Total capacity		3.2	4.0	5.0	8.00
	At high fan speed					
Power input - 50Hz	Cooling			0.066	0.076	0.105
	At high fan speed					
	Heating		0.046		0.056	0.085
	At high fan speed					
Dimensions	Unit	HeightxWidthxDepth	215x1,110x710			215x1,310x710
Weight	Unit		31			34
Casing	Material		Galvanised steel plate			
Decoration panel	Model		BYK45FJW1			BYK71FJW1
	Colour		White			
	Dimensions	HeightxWidthxDepth	70x1,240x800			70x1,440x800
	Weight		8.5			9.5
Fan	Air flow	Cooling	11/9		13/10	18/15
	At high fan speed/ At low fan speed					
Air filter	Type		Resin net with mold resistance			
Sound power level	Cooling	At high fan speed/ At low fan speed	54/49		56/50	58/53
	At high fan speed/ At low fan speed					
Sound pressure level	Cooling	At high fan speed/ At low fan speed	38.0/33.0		40.0/34.0	42.0/37.0
	At high fan speed/ At low fan speed					
Refrigerant	Type/GWP		R-410A/2,087.5			
Piping connections	Liquid	OD	6.35			9.52
	Gas	OD	12.7			15.9
	Drain		VP25 (O.D. 32 / I.D. 25)			
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220			
Current - 50Hz	Maximum fuse amps (MFA)	A	15			
Control systems	Infrared remote control		BRC4C61			
	Wired remote control		BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52			

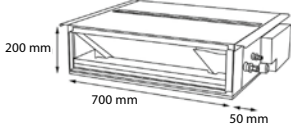
Contains fluorinated greenhouse gases

Slim concealed ceiling unit

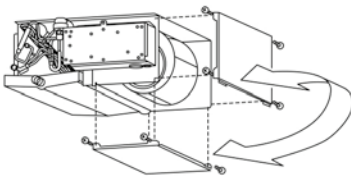
Slim design for flexible installation

- > Compact dimensions, can easily be mounted in a ceiling void of only 240mm

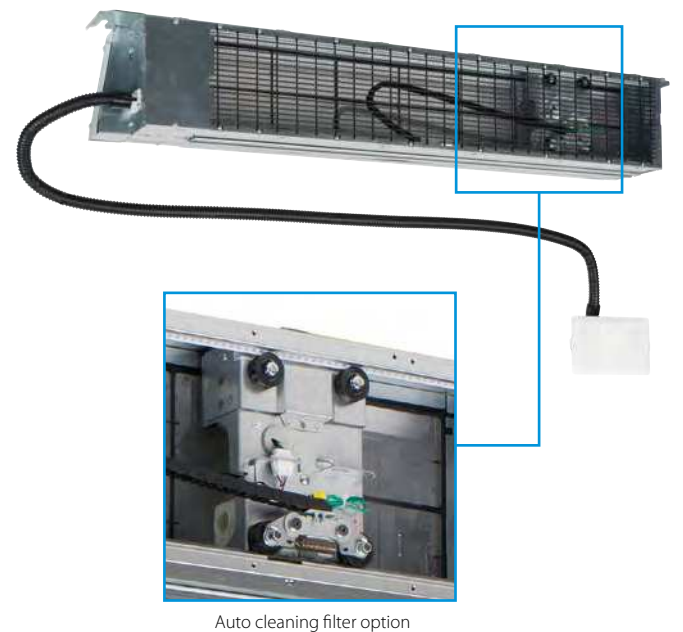
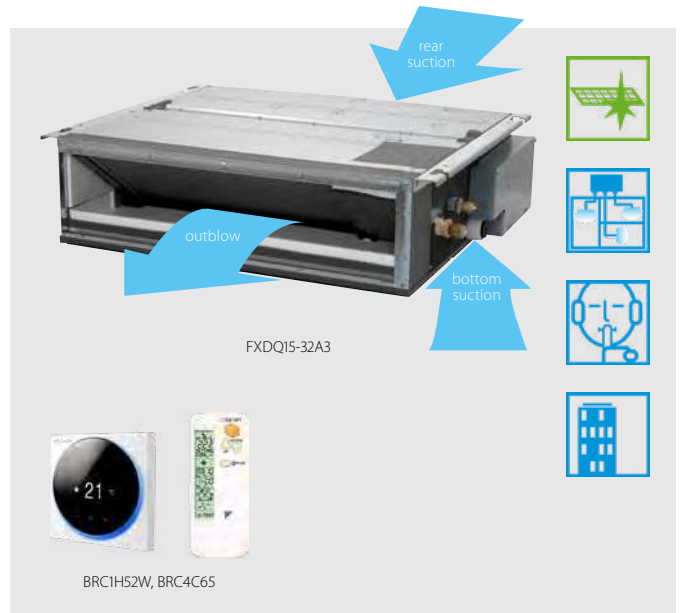
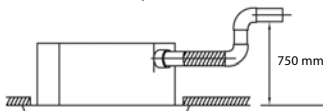
SERIE A (15, 20, 25, 32)



- > Medium external static pressure up to 44Pa facilitates unit use with flexible ducts of varying lengths
- > Discretely concealed in the wall: only the suction and discharge grilles are visible
- > 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- > Auto cleaning filter option ensures maximum efficiency, comfort and reliability by regular filter cleaning
- > Multi zoning kit allows multiple individually-controlled climate zones to be served by one indoor unit
- > Flexible installation, as the air suction direction can be altered from rear to bottom suction



- > Standard drain pump with 600mm lift increases flexibility and installation speed



Auto cleaning filter option

More details and final information can be found by scanning or clicking the QR codes.



FXDQ-A3

Indoor Unit		FXDQ	15A3	20A3	25A3	32A3	40A3	50A3	63A3
Cooling capacity	Nom.	kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Nom.	kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling At high fan speed	kW	0.036			0.041	0.042	0.053	0.062
	Heating At high fan speed	kW	0.036			0.041	0.042	0.053	0.062
Required ceiling void >		mm	240						
Dimensions	Unit	HeightxWidthxDPTH	200x750x620			200x950x620		200x1,150x620	
Weight	Unit	kg	22			26		29	
Casing	Material		Galvanised steel						
Fan	Air flow rate - 50Hz	Cooling At high / medium / low fan speed	m ³ /min	7.5/7.0/6.4	8.0/7.2/6.4		10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0
	External static pressure - 50Hz	Factory set / High	Pa	10/30.0			15/44.0		
Air filter	Type		Removable / washable						
Sound power level	Cooling At high fan speed	dBA	50	51		52	53	54	
	Sound pressure level	Cooling At high / medium / low fan speed	dBA	32.0/31.0/27.0	33.0/31.0/27.0		34.0/32.0/28.0	35.0/33.0/29.0	36.0/34.0/30.0
Refrigerant	Type/GWP		R-410A/2,087.5						
Piping connections	Liquid	OD	mm		6.35		9.52		
	Gas	OD	mm		12.7		15.9		
	Drain		VP20 (I.D. 20/O.D. 26)						
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220						
Current - 50Hz	Maximum fuse amps (MFA)	A	16						
Control systems	Infrared remote control		BRC4C65 / BRC4C66						
	Wired remote control		BRC1D528 / BRC1E51						

Contains fluorinated greenhouse gases

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

- › Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge



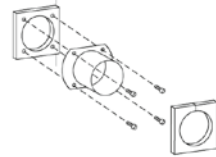
- › Quiet operation: down to 25dBA sound pressure level
- › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Discretely concealed in the wall: only the suction and discharge grilles are visible
- › 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- › Multi zoning kit allows multiple individually-controlled climate zones to be served by one indoor unit
- › Reduced energy consumption thanks to specially developed DC fan motor and drain pump
- › Optional fresh air intake

Fresh air intake opening in casing

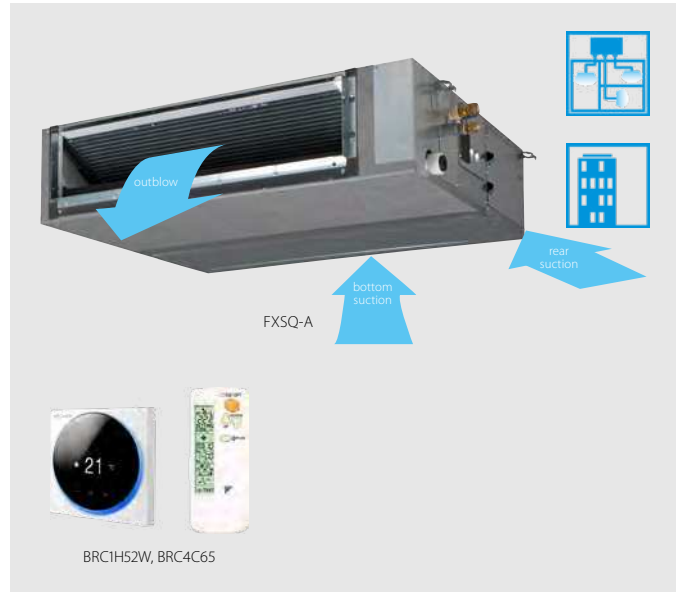


* Brings in up to 10% of fresh air into the room

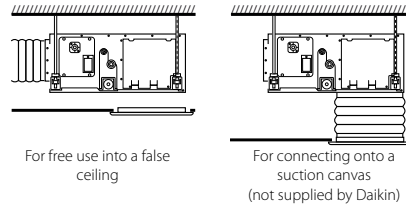
Optional fresh air intake kit



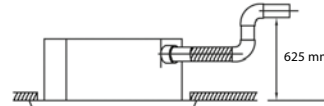
* Allow larger quantities of fresh air to be brought in



- › Flexible installation: air suction direction can be altered from rear to bottom suction and choice between free use or connection to optional suction grilles



- › Standard built-in drain pump with 625mm lift increases flexibility and installation speed

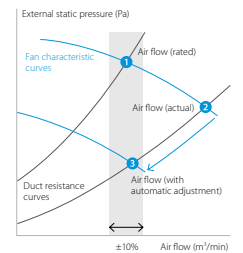


Automatic Airflow Adjustment function

Automatically selects the most appropriate fan curve to achieve the unit's nominal air flow within ±10%

Why?

After installation the real ducting will frequently differ from the initially calculated air flow resistance * the real air flow may be much lower or higher than nominal, leading to a lack of capacity or uncomfortable air temperature. Automatic Airflow Adjustment function will adapt the unit's fan speed to any ducting automatically (10 or more fan curves are available on every model), making installation much faster.



More details and final information can be found by scanning or clicking the QR codes.



FXSQ-A

Indoor Unit				FXSQ	15A	20A	25A	32A	40A	50A	63A	80A	100A	125A	140A										
Cooling capacity	Total capacity	At high fan speed	kW	1.70	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	16.00											
Heating capacity	Total capacity	At high fan speed	kW	1.90	2.50	3.20	4.00	5.00	6.30	8.00	10.0	12.5	16.0	18.0											
Power input - 50Hz	Cooling	At high fan speed	kW	0.041			0.045	0.087	0.089	0.101	0.135	0.173	0.237	0.247											
		At high / medium / low fan speed	kW	0.041			0.045	0.087	0.089	0.101	0.135	0.173	0.237	0.247											
Dimensions	Unit	HeightxWidthxDepth	mm	245x550x800			245x700x800			245x1,000x800			245x1,400x800		245x1,550x800										
				Weight	kg	23.5			24.0			28.5			29.0		35.5								
Casing	Material			Galvanised steel plate																					
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m³/min	8.7/7.50/6.5	9.0/7.50/6.5	9.5/8.00/7.0			15.0/12.5/11.0			15.2/12.5/11.0			21.0/18.0/15.0		23.0/19.5/16.0		32.0/27.0/23.0		36.0/31.5/26.0		39.0/34.0/28.0	
		Heating	At high / medium / low fan speed	m³/min	8.7/7.5/6.5	9.0/7.5/6.5	9.5/8.0/7.0			15.0/12.5/11.0			15.2/12.5/11.0			21.0/18.0/15.0		23.0/19.5/16.0		32.0/27.0/23.0		36.0/31.5/26.0		39.0/34.0/28.0	
	External static pressure - 50Hz	Factory set / High	Pa				30/150						40/150		50/150										
Air filter	Type			Resin net																					
Sound power level	Cooling	At high fan speed	dB(A)	54			55			60			59			61		64							
		At high / medium / low fan speed	dB(A)	29.5/28.0/25.0	30.0/28.0/25.0	26.0/29.0/26.0	35.0/32.0/29.0	33.0/30.0/27.0	35.0/32.0/29.0	36.0/34.0/31.0	39.0/36.0/33.0	41.5/38.0/34.0													
Sound pressure level	Heating	At high / medium / low fan speed	dB(A)	31.5/29.0/26.0	32.0/29.0/26.0	33.0/30.0/27.0	37.0/34.0/29.0	35.0/32.0/28.0	37.0/34.0/30.0	37.0/34.0/31.0	40.0/37.0/33.0	42.0/38.5/34.0													
		Refrigerant	Type/GWP	R-410A/2,087.5																					
Piping connections	Liquid	OD	mm				6.35						9.52												
		Gas	OD	mm				12.7						15.9											
	Drain			VP20 (I.D. 20/O.D. 26), drain height 625 mm																					
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220																				
Current - 50Hz	Maximum fuse amps (MFA)			A	16																				
Control systems	Infrared remote control				BRC4C65																				
	Wired remote control				BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52																				

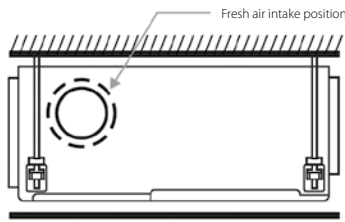
Contains fluorinated greenhouse gases

Concealed ceiling unit with high ESP

Ideal for large sized spaces: ESP up to 250 Pa

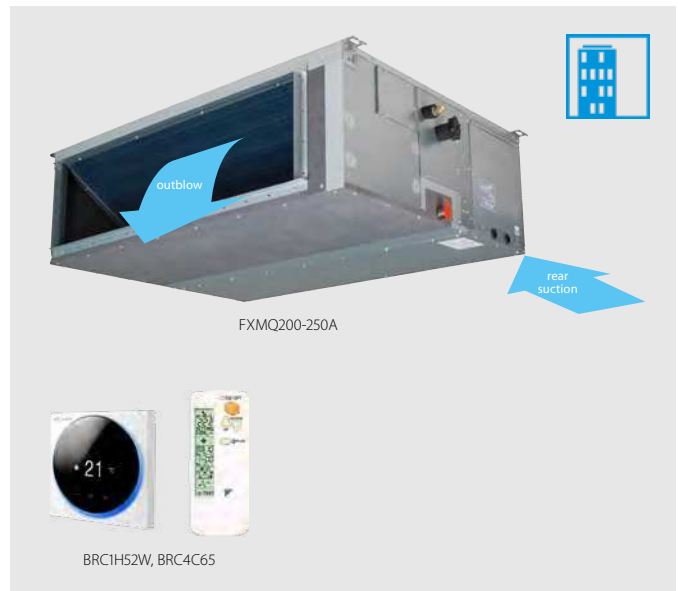
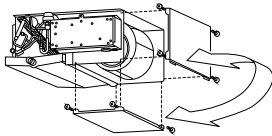
- > High external static pressure up to 250Pa facilitates extensive duct and grille network
- > Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- > Discretely concealed in the wall: only the suction and discharge grilles are visible
- > Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required (50-125 class)

Fresh air intake opening in casing

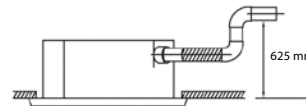


* Brings in up to 10% of fresh air into the room

- > Flexible installation, as the air suction direction can be altered from rear to bottom suction



- > Standard built-in drain pump with 625mm lift increases flexibility and installation speed (optional for 200-250)



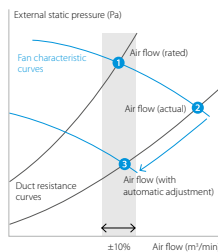
- > Large capacity unit: up to 31.5 kW heating capacity

Automatic Airflow Adjustment function

Automatically selects the most appropriate fan curve to achieve the units' nominal air flow within ±10%

Why?

After installation the real ducting will frequently differ from the initially calculated air flow resistance * the real air flow may be much lower or higher than nominal, leading to a lack of capacity or uncomfortable air temperature. Automatic Airflow Adjustment function will adapt the unit's fan speed to any ducting automatically (10 or more fan curves are available on every model), making installation much faster.



More details and final information can be found by scanning or clicking the QR codes.



FXMQ-P7



FXMQ-A

Indoor Unit		FXMQ	50P7	63P7	80P7	100P7	125P7	200A	250A	
Cooling capacity	Total capacity At high fan speed	kW						22.4	28.0	
	Nom.	kW	5.6	7.1	9.0	11.2	14.0	22.4	28.0	
Heating capacity	Total capacity At high fan speed	kW						25.0	31.5	
	Nom.	kW	6.3	8.0	10.0	12.5	16.0	25.0	31.5	
Power input - 50Hz	Cooling At high fan speed	kW	0.110	0.120	0.171	0.176	0.241	0.54	0.65	
	Heating At high fan speed	kW	0.098	0.108	0.159	0.164	0.229	0.54	0.65	
Required ceiling void >		mm	350							
Dimensions	Unit	HeightxWidthxDepth	300x1,000x700			300x1,400x700		470x1,490x1,100		
Weight	Unit	kg	35			46		105	115	
Fan	Air flow rate - 50Hz	Cooling At high/medium/low fan speed	m ³ /min	18.0/16.5/15.0	19.5/17.8/16.0	25.0/22.5/20.0	32.0/27.5/23.0	39.0/33.5/28.0	62/48/41	74/64/52
		Heating At high/medium/low fan speed	m ³ /min	18.0/16.5/15.0	19.5/17.8/16.0	25.0/22.5/20.0	32.0/27.5/23.0	39.0/33.5/28.0	62/48/41	74/64/52
	External static pressure - 50Hz	Factory set / High	Pa	100/200					150/250	
Air filter	Type		Resin net							
Sound power level	Cooling At high/medium/low fan speed	dB(A)	61.0/-/-	64.0/-/-	67.0/-/-	65.0/-/-	70.0/-/-	75/74/72	76/75/73	
	Heating At high/medium/low fan speed	dB(A)						75/74/72	76/75/73	
Sound pressure level	Cooling At high/medium/low fan speed	dB(A)	41.0/39.0/37.0	42.0/40.0/38.0	43.0/41.0/39.0		44.0/42.0/40.0	48/46.5/45		
	Heating At high/medium/low fan speed	dB(A)	41.0/39.0/37.0	42.0/40.0/38.0	43.0/41.0/39.0		44.0/42.0/40.0	48/46.5/45		
Refrigerant	Type/GWP		R-410A/-						R-410A/2,087.5	
Piping connections	Liquid OD	mm	6.35				9.52			
	Gas OD	mm	12.7				15.9		19.1	22.2
	Drain		VP25 (I.D. 25/O.D. 32)						BSP1	
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220 +/-10%						1~/50 /220-240	
Current - 50Hz	Maximum fuse amps (MFA)	A	6							
Control systems	Infrared remote control		BRC4C65							
	Wired remote control		BRC1H52W/S/K/BRC1E53A/BRC1E53B/BRC1E53C/BRC1D52							

Contains fluorinated greenhouse gases



Wall mounted unit

For rooms with no false ceilings nor free floor space

- › Flat, stylish front panel blends easily within any interior décor and is easier to clean
- › Can easily be installed in both new and refurbishment projects
- › The air is comfortably spread up- and downwards thanks to 5 different discharge angles that can be programmed via the remote control
- › Maintenance operations can be performed easily from the front of the unit



More details and final information can be found by scanning or clicking the QR codes.



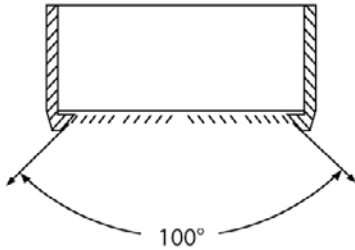
Indoor Unit		FXAQ	15A	20A	25A	32A	40A	50A	63A	
Cooling capacity	Total capacity	kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1	
	At high fan speed									
Heating capacity	Total capacity	kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0	
	At high fan speed									
Power input - 50Hz	Cooling	kW	0.02		0.03		0.02	0.03	0.05	
	At high fan speed									
Heating	At high fan speed	kW	0.03		0.04		0.02	0.04	0.06	
	At low fan speed									
Dimensions	Unit	HeightxWidthxDPTH	290x795x266				290x1,050x269			
Weight	Unit	kg	12				15			
Fan	Air flow rate - 50Hz	Cooling	8.4/7.0	9.1/7.0	9.4/7.0	9.8/7.0	12.2/9.7	14.4/11.5	18.3/13.5	
	At high fan speed/ At low fan speed	m ³ /min								
Air filter	Type		Washable resin net							
Sound power level	Cooling	At high fan speed	51.0	52.0	53.0	55.0		58.0	63.0	
	At high fan speed/ At low fan speed	dBA	32.0/28.5	33.0/28.5	35.0/28.5	37.5/28.5	37.0/33.5	41.0/35.5	46.5/38.5	
Sound pressure level	Heating	At high fan speed/ At low fan speed	33.0/28.5	34.0/28.5	36.0/28.5	38.5/28.5	38.0/33.5	42.0/35.5	47.0/38.5	
	At high fan speed/ At low fan speed	dBA								
Refrigerant	Type/GWP		R-410A/2,087.5							
Piping connections	Liquid	OD			6.35				9.52	
	Gas	OD			12.7				15.9	
	Drain		VP13 (I.D. 15/O.D. 18)							
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50 /220-240							
Current - 50Hz	Maximum fuse amps (MFA)	A	16							
Control systems	Infrared remote control		BRC7EA628 / BRC7EA629							
	Wired remote control		BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52							

Contains fluorinated greenhouse gases

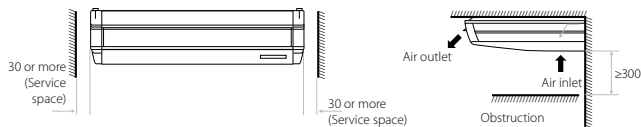
Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

- › Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle



- › Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- › Two optional intelligent sensors improve energy efficiency and comfort
- › Can easily be installed in both new and refurbishment projects
- › Can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space



- › Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required
- Fresh air intake opening in casing



* Brings in up to 10% of fresh air into the room

- › Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible



More details and final information can be found by scanning or clicking the QR codes.



FXHQ-A

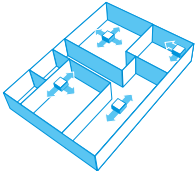
Indoor Unit				FXHQ	32A	63A	100A
Cooling capacity	Total capacity	At high fan speed	kW	3.6	7.1	11.2	
		At high fan speed	kW	4.0	8.0	12.5	
Heating capacity	Total capacity	At high fan speed	kW	0.107	0.111	0.237	
		At high fan speed	kW	0.107	0.111	0.237	
Dimensions	Unit	HeightxWidthxDepth	mm	235x960x690	235x1,270x690	235x1,590x690	
Weight	Unit		kg	24	33	39	
Casing	Material			Resin			
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m ³ /min	14.0/12.0/10.0	20.0/17.0/14.0	29.5/24.0/19.0
		Heating	At high / medium / low fan speed	m ³ /min	14.0/12.0/10.0	20.0/17.0/14.0	29.5/24.0/19.0
Air filter	Type			Resin net with mold resistance			
Sound power level	Cooling	At high / medium / low fan speed	dB(A)	54/52/49	55/53/52	62/55/52	
		At high / medium / low fan speed	dB(A)	36.0/34.0/31.0	37.0/35.0/34.0	44.0/37.0/34.0	
Sound pressure level	Heating	At high / medium / low fan speed	dB(A)	36.0/34.0/31.0	37.0/35.0/34.0	44.0/37.0/34.0	
		At high / medium / low fan speed	dB(A)	36.0/34.0/31.0	37.0/35.0/34.0	44.0/37.0/34.0	
Refrigerant	Type/GWP			R-410A/2,087.5			
Piping connections	Liquid	OD	mm	6.35		9.52	
	Gas	OD	mm	12.7		15.9	
	Drain				VP20 (I.D. 20/O.D. 26)		
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220			
Current - 50Hz	Maximum fuse amps (MFA)		A	16			
Control systems	Infrared remote control			BRC7GA53 / BRC7GA56			
	Wired remote control			BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52			

Contains fluorinated greenhouse gases

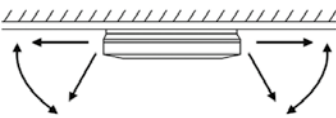
4-way blow ceiling suspended unit

Unique Daikin unit for high rooms with no false ceilings nor free floor space

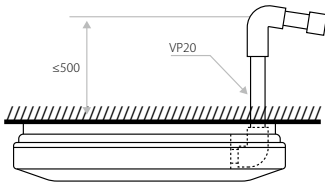
- › Even rooms with ceilings up to 3.5m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!



- › Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible
- › Optimum comfort guaranteed with automatic air flow adjustment to the required load
- › 5 different discharge angles between 0 and 60° can be programmed via the remote control



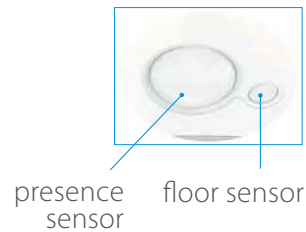
- › Standard drain pump with 720mm lift increases flexibility and installation speed



More details and final information can be found by scanning or clicking the QR codes.



FXUQ-A



Indoor Unit		FXUQ		71A	100A	
Cooling capacity	Total capacity	At high fan speed		kW	8.0	11.2
Heating capacity	Total capacity	At high fan speed		kW	9.0	12.5
Power input - 50Hz	Cooling	At high fan speed		kW	0.090	0.200
	Heating	At high fan speed		kW	0.073	0.179
Dimensions	Unit	HeightxWidthxDepth		mm	198x950x950	
Weight	Unit			kg	26	27
Casing	Material				Resin	
Fan	Air flow rate - 50Hz	Cooling	At high/medium/low fan speed	m ³ /min	22.5/19.5/16.0	
		Heating	At high/medium/low fan speed	m ³ /min	22.5/19.5/16.0	
Air filter	Type				Resin net with mold resistance	
Sound power level	Cooling	At high/medium/low fan speed		dBA	58/56/54	65/62/58
Sound pressure level	Cooling	At high/medium/low fan speed		dBA	40.0/38.0/36.0	47.0/44.0/40.0
	Heating	At high/medium/low fan speed		dBA	40.0/38.0/36.0	47.0/44.0/40.0
Refrigerant	Type/GWP				R-410A/2,087.5	
Piping connections	Liquid	OD		mm	9.52	
	Gas	OD		mm	15.9	
	Drain				I.D. 20/O.D. 26	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220-230	
Current - 50Hz	Maximum fuse amps (MFA)			A	16	
Control systems	Infrared remote control				BRC7C58	
	Wired remote control				BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52	

Contains fluorinated greenhouse gases

Concealed floor standing unit

Designed to be concealed in walls

- › Discretely concealed in the wall: only the suction and discharge grilles are visible
- › Requires very little installation space as the depth is only 200mm



- › Its low height (620 mm) enables the unit to fit perfectly beneath a window
- › High ESP allows flexible installation



More details and final information can be found by scanning or clicking the QR codes.



FXNQ-A

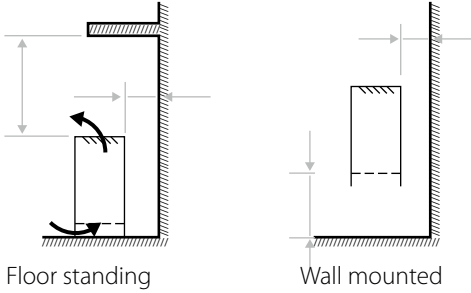
Indoor Unit				FXNQ	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	At high fan speed	kW	2.20	2.80	3.60	4.50	5.60	7.10	
		At high fan speed	kW	2.50	3.20	4.00	5.00	6.30	8.00	
Power input - 50Hz	Cooling	At high fan speed	kW	0.071			0.078	0.099	0.110	
		At high fan speed	kW	0.068			0.075	0.096	0.107	
Dimensions	Unit	HeightxWidthxDepth	mm	620/720x790x200			620/720x990x200		620/720x1,190x200	
		Unit	kg	23.5			27.5		32.0	
Casing	Material			Galvanised steel plate						
Fan	Air flow rate - 50Hz	Cooling	At high/medium/low fan speed	m ³ /min	8.0/7.20/6.4		10.5/9.50/8.5	12.5/11.0/10.0	16.5/14.5/13.0	
		Heating	At high/medium/low fan speed	m ³ /min	8.0/7.2/6.4		10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0	
	External static pressure - 50Hz	Factory set / High	Pa	10/41.0	10/42.0	15/52.0	15/59.0	15/55.0		
Air filter	Type			Resin net						
Sound power level	Cooling	At high fan speed	dBA	51			52	53	54	
		At high/medium/low fan speed	dBA	30.0/28.5/27.0			32.0/30.0/28.0	33.0/31.0/29.0	35.0/33.0/32.0	
Sound pressure level	Heating	At high/medium/low fan speed	dBA	30.0/28.5/27.0			32.0/30.0/28.0	33.0/31.0/29.0	35.0/33.0/32.0	
		Type/GWP		R-410A/2,087.5						
Piping connections	Liquid	OD	mm	6.35			9.52			
	Gas	OD	mm	12.7			15.9			
	Drain			VP20 (I.D. 20/O.D. 26)						
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220						
Current - 50Hz	Maximum fuse amps (MFA)		A	16						
Control systems	Infrared remote control			BRC4C65						
	Wired remote control			BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52						

Contains fluorinated greenhouse gases

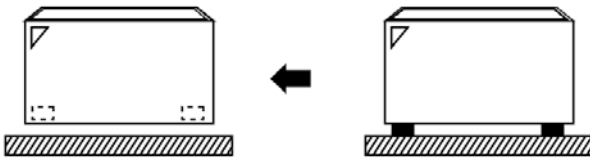
Floor standing unit

For perimeter zone air conditioning

- › Unit can be installed as free standing model by use of optional back plate
- › Its low height enables the unit to fit perfectly beneath a window
- › Stylish modern casing finished in pure white (RAL9010) and iron grey (RAL7012) blends easily with any interior
- › Requires very little installation space



- › Wall mounted installation facilitates cleaning beneath the unit where dust tends to accumulate



- › Wired remote control can easily be integrated in the unit

More details and final information can be found by scanning or clicking the QR codes.



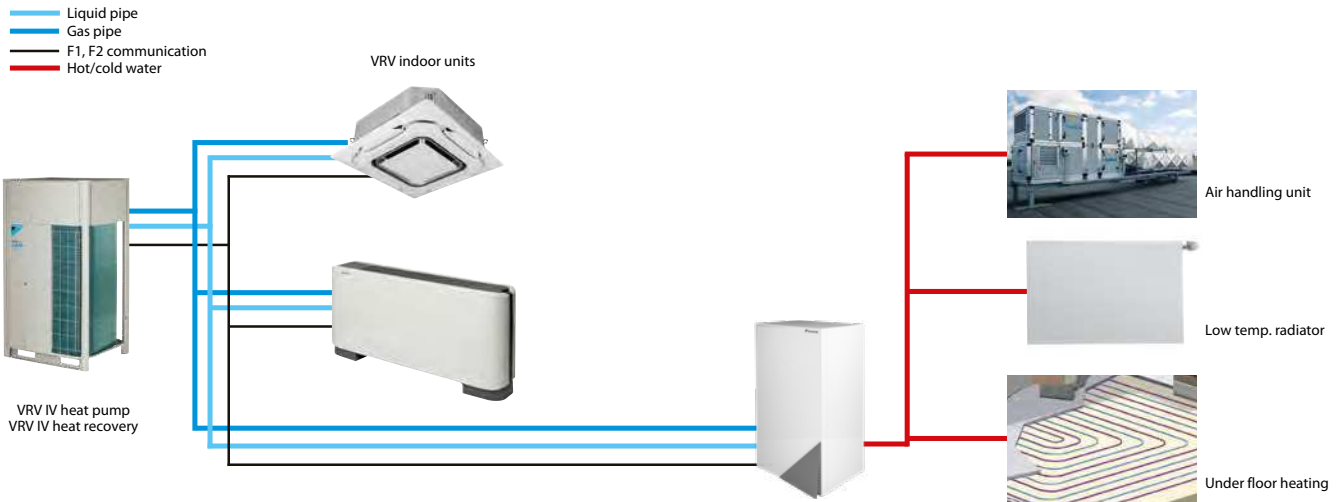
Indoor Unit			FXLQ	20P	25P	32P	40P	50P	63P
Cooling capacity	Total capacity	At high fan speed	kW	2.2	2.8	3.6	4.5	5.6	7.1
	Heating capacity	At high fan speed	kW	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	At high fan speed	kW	0.05		0.09		0.11	
	Heating	At high fan speed	kW	0.05		0.09		0.11	
Dimensions	Unit	HeightxWidthxDepth	mm	600x1,000x232		600x1,140x232		600x1,420x232	
Weight	Unit		kg	27		32		38	
Fan	Air flow rate - 50Hz	Cooling At high fan speed/ At low fan speed	m ³ /min	7/6.0		8/6.0	11/8.5	14/11.0	16/12.0
Air filter	Type			Resin net					
Sound power level	Cooling	At high fan speed	dBA	54			57	58	59
Sound pressure level	Cooling	At high fan speed/ At low fan speed	dBA	35/32			38/33	39/34	40/35
		Heating	At high fan speed/ At low fan speed	dBA	35/32			38/33	39/34
Refrigerant	Type/GWP			R-410A/2,087.5					
Piping connections	Liquid	OD	mm	6.35					
	Gas	OD	mm	12.7			15.9		
	Drain			O.D. 21 (Vinyl chloride)					
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)		A	15					
Control systems	Infrared remote control			BRC4C65					
	Wired remote control			BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52					

Contains fluorinated greenhouse gases

Low temperature hydrobox for VRV

For high efficiency space heating and cooling

- › Air to water connection to VRV for applications such as underfloor, air handling units, low temperature radiators, ...
- › Leaving water temperature range from 5°C to 45°C without electric heater
- › Super wide operating range for hot/cold water production from -20 to +43°C ambient outdoor temperature
- › Saves time on system design as all water-side components are fully integrated with direct control over leaving water temperature
- › Space saving contemporary wall mounted design
- › No gas connection or oil tank needed
- › Connectable to VRV IV heat pump and heat recovery



More details and final information can be found by scanning or clicking the QR codes.



HXY-A8

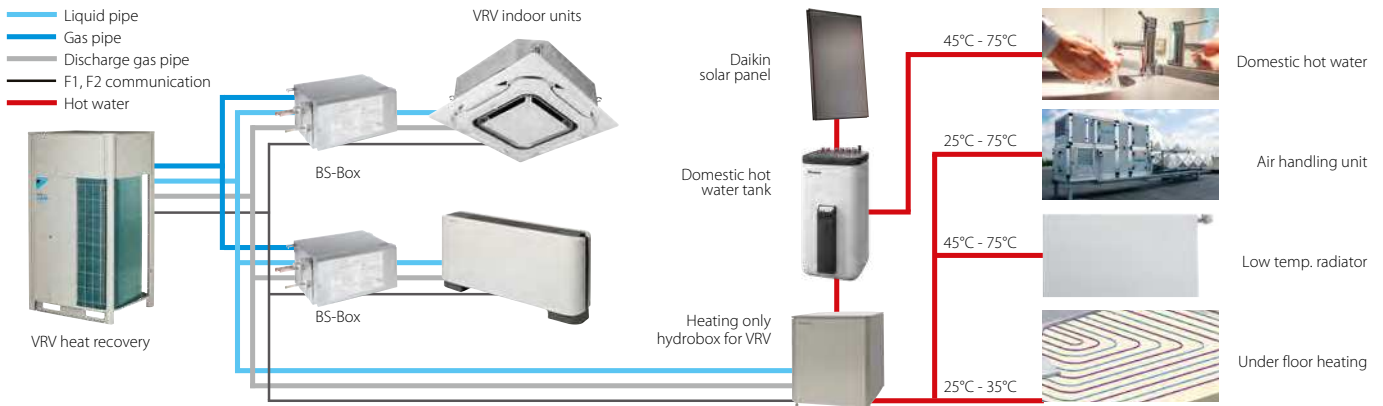
Indoor Unit		HXY		080A8		125A8	
Cooling capacity	Nom.	kW		8.0 (1)		12.5 (1)	
Heating capacity	Nom.	kW		9.00 (2)		14.00 (2)	
Casing	Colour	White					
	Material	Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth	mm				
			890x480x344				
Weight	Unit	kg					
		44.0					
Operation range	Heating	Ambient	Min.~Max.	°C			
		Water side	Min.~Max.	°C			
	Cooling	Ambient	Min.~Max.	°CDB			
		Water side	Min.~Max.	°C			
Refrigerant	Type	R-410A					
	GWP	2,087.5					
Sound pressure level	Nom.	dBA		31			
Refrigerant circuit	Gas side diameter		mm		15.9		
	Liquid side diameter		mm		9.5		
Water circuit	Piping connections diameter		inch		G 1"1/4 (female)		
Power supply	Phase / Frequency / Voltage		Hz / V		1~ / 50 / 220-240		
Current	Recommended fuses		A		6~16		

(1) Tamb 35°C - LWE 18°C (DT=5°C) | (2) DB/WB 7°C/6°C - LWC 35°C (DT=5°C) | Contains fluorinated greenhouse gases

High temperature hydrobox for VRV

For efficient hot water production and space heating

- › Air to water connection to VRV for applications such as bathrooms, sinks, underfloor heating, radiators and air handling units
- › Leaving water temperature range from 25 to 80°C without electric heater
- › „Free“ heating and hot water production provided by transferring heat from areas requiring cooling to areas requiring heating or hot water
- › Uses heat pump technology to produce hot water efficiently, providing up to 17% savings compared to a gas boiler
- › Possibility to connect thermal solar collectors to the domestic hot water tank
- › Super wide operating range for hot water production from -20 to +43°C ambient outdoor temperature
- › Saves time on system design as all water-side components are fully integrated with direct control over leaving water temperature
- › Various control possibilities with weather dependant set point or thermostat control
- › The indoor unit and domestic hot water tank can be stacked to save space, or installed next to each other, if only limited height is available
- › No gas connection or oil tank needed
- › Connectable to VRV IV heat recovery



More details and final information can be found by scanning or clicking the QR codes.



Indoor Unit		HXHD		125A8		200A8		
Heating capacity	Nom.	kW		14.0		22.4		
Casing	Colour	Metallic grey						
	Material	Precoated sheet metal						
Dimensions	Unit	HeightxWidthxDepth		mm		705x600x695		
Weight	Unit	kg		92.0		147		
Operation range	Heating	Ambient	Min.~Max.	°C		-20.0 ~20 (3) / 20		
		Water side	Min.~Max.	°C		25 ~80.0		
	Domestic hot water	Ambient	Min.~Max.	°CDB		-20.0 ~43.0		
		Water side	Min.~Max.	°C		45 ~75		
Refrigerant	Type / GWP	R-134a / 1,430						
	Charge	kg		2.00		2.60		
Sound power level	Nom.	dBA		55.0 (1)		60.0 (1)		
Sound pressure level	Nom.	dBA		42.0 (1) / 43.0 (2)		46.0 (1) / 46.0 (2)		
	Night quiet mode	Level 1		dBA		38 (1)		
Water circuit	Piping connections diameter		inch		G 1" (female)			
	Heating water system	Water volume Max. ~ Min.		l		200 ~ 20		
Power supply	Phase / Frequency / Voltage		Hz / V		1~ / 50 / 220-240		3~ / 50 / 380-415	
Current	Recommended fuses		A		20		16	

(1)Sound levels are measured at: EW 55°C; LW 65°C | (2)Sound levels are measured at: EW 70°C; LW 80°C | (3)Field setting | Contains fluorinated greenhouse gases

Daikin Altherma ST Thermal store

Plastic domestic hot water tank with solar support

- › Fresh water principle: receive domestic hot water on demand while eliminating the risk of contamination and sedimentation
- › Optimal domestic hot water performance: the low temperature evolution enables high tapping performance
- › Fit for the future: possibility to integrate with renewable solar energy and other heat sources, e.g. fireplace
- › Lightweight and robust build of the unit combined with the cascade principle offers flexible installation options
- › Available in 300 and 500 liters



More details and final information can be found by scanning or clicking the QR codes.



EKHWP-B



EKHWP-PB

Accessory			EKHWP	300B	500B	300PB	500PB	54419B	
Casing	Colour		Traffic white (RAL9016) / Dark grey (RAL7011)						
	Material		Impact resistant polypropylene						
Dimensions	Unit	Width	mm	595	790	595	790		
		Depth	mm	615	790	615	790		
		Height	mm	1,646	1,658	1,646	1,658		
Weight	Unit	Empty	kg	53	76	56	82	71	
		Water volume	L	294	477	294	477		
Tank	Material			Polypropylene					
	Maximum water temperature		°C	85					
	Insulation	Heat loss	kWh/24h	1.50	1.70	1.50	1.70		
	Energy efficiency class			B					
	Standing heat loss		W	64	72	64	72		
	Storage volume		L	290	393	290	393		
	Heat exchanger	Domestic hot water	Quantity		1				
Tube material				Stainless steel (DIN 1.4404)					
Face area			m ²	5.60	5.80	5.60	5.90	5.80	
Internal coil volume			L	27.80	28.90	27.80	29	28.90	
Charging		Operating pressure	bar	10					
			Quantity		1				
		Tube material		Stainless steel (DIN 1.4404)					
		Face area	m ²	2.66	3.70	2.66	3.70	1.95	
		Internal coil volume	L	12.90	18.10	12.90	18.10	10	
		Operating pressure	bar	6					
Auxiliary solar heating	Tube material			Stainless steel (DIN 1.4404)	-	Stainless steel (DIN 1.4404)			
	Face area	m ²	-	0.76	-	0.76			
	Internal coil volume	L	-	3.90	-	3.90			
	Operating pressure	bar	-	3	-	3			

Solar collector

Thermal solar collector for hot water production

- › Solar collectors can produce up to 70% of the energy needed for hot water production - a major cost saving
- › Horizontal solar collector for domestic hot water production
- › Vertical solar collector for domestic hot water production
- › High efficiency collectors transfer all the short-wave solar radiation into heat as a result of their highly selective coating
- › Easy to install on roof tiles
- › Can be used for drain-back and pressurised applications

More details and final information can be found by scanning or clicking the QR codes.



EKSVP-P



EKSH-P



EKSVP21P

Accessory				EKSVP21P	EKSVP26P	EKSH26P
Mounting				Vertical		Horizontal
Dimensions	Unit	HeightxWidthxDepth	mm	2,000x1,006x85	2,000x1,300x85	1,300x2,000x85
Weight	Unit		kg	33		42
Volume			L	1.30	1.70	2.10
Surface	Outer		m ²	2.01		2.60
	Aperture		m ²	1,800		2,360
	Absorber		m ²	1.80		2.36
Coating				Micro-therm (absorption max. 96%, Emission ca. 5% +/-2%)		
Absorber				Harp-shaped copper pipe register with laser-welded highly selective coated aluminium plate		
Glazing				Single pane safety glass, transmission +/- 92%		
Allowed roof angle	Min. ~ Max.		°		15 ~ 80	
Operating pressure	Max.		bar		6	
Stand still temperature	Max.		°C		192	
Thermal performance	Collector efficiency (η_{col})		%		53	
	Zero loss collector efficiency η_0		%		0.71	
	Heat loss coefficient a_1		W/m ² .K		4,300	
	Temperature dependence of the heat loss coefficient a_2		W/m ² .K ²		0.006	
	Thermal capacity			kJ/K	4.90	

EKSRRS4A/EKSRDS2A

Pump station

- › Save energy and reduce CO₂ emissions with a solar system for domestic hot water production
- › Pump station connectable to drain-back solar system
- › Pump station and control provide the transfer of solar heat to the domestic hot water tank

More details and final information can be found by scanning or clicking the QR codes.



EKSRRS4A



EKSRDS2A



EKSRRS4A

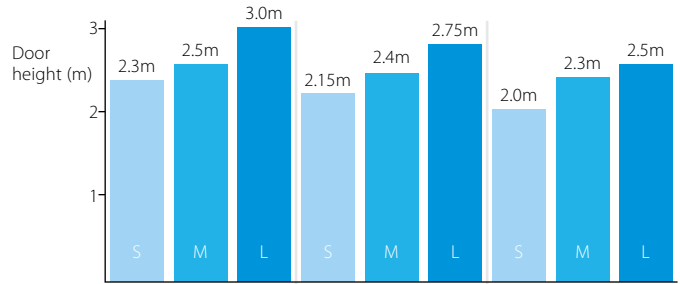
Accessory				EKSRRS4A	EKSRDS2A
Mounting				On side of tank	On wall
Dimensions	Unit	HeightxWidthxDepth	mm	815x142x230	410x314x154
Weight	Unit		kg	6.40	6
Operation range	Ambient temperature	Min. ~ Max.	°C	5 ~ 40	- ~ 40
Operating pressure	Max.		bar	-	6
Stand still temperature	Max.		°C	85	120
Control				Digital temperature difference controller with plain text display	
	Power consumption		W	2	5
Sensor	Solar panel temperature sensor			Pt1000	
	Storage tank sensor			PTC	-
	Return flow sensor			PTC	-
	Feed temperature and flow sensor			Voltage signal (3.5V DC)	
Power supply	Phase/Frequency/Voltage		Hz/V	1 ~ /50/230	-/50/230
Power supply intake				Indoor unit	
Auxiliary	Solpump		W	37.3	23
	Annual auxiliary electricity consumption Q_{aux}		kWh	92.1	89
	Solstandby		W	2.00	5.00



Biddle air curtains

Biddle air curtains provide highly efficient solutions for retailers and consultants to combat the issue of climate separation across their outlet or office doorway.

Biddle air curtain portfolio



Installation condition

Favourable

ex: covered shopping mall or revolving door entrance

Normal

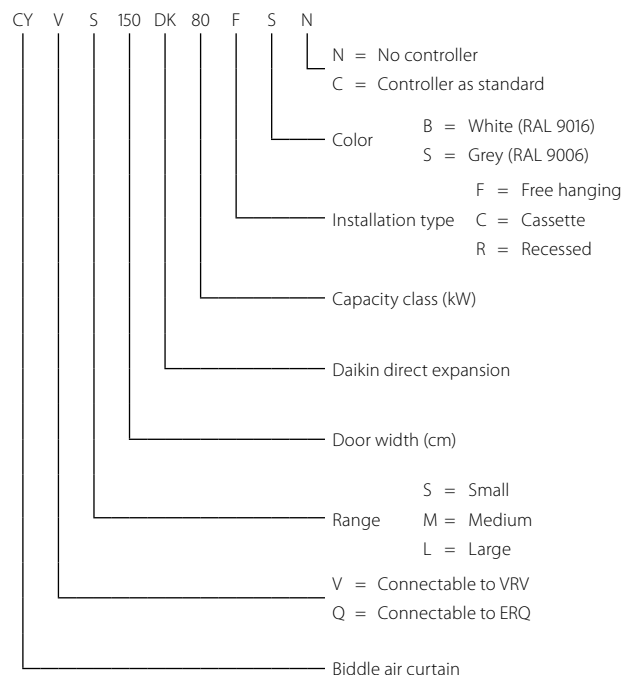
ex: little direct wind, no opposite open doors, building with ground floor only

Unfavourable

ex: location at a corner or square, multiple floors and/or open stairwell

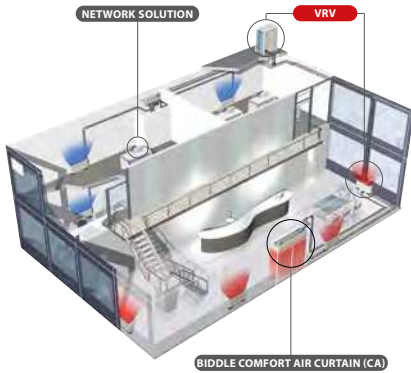
Type	Product name	Features	
Biddle standard air curtain free hanging	CYV S/M/L-DK-F	<ul style="list-style-type: none"> - CYQ - Biddle air curtain for connection to ERQ - Connectable to ERQ heat pump - Cassette model (C): mounted into a false ceiling leaving only the decoration panel visible 	
Biddle standard air curtain cassette	CYV S/M/L-DK-C	<ul style="list-style-type: none"> - Free-hanging model (F): easy wall mounted installation - Recessed model (R): neatly concealed in the ceiling - A payback period of less than 1.5 years compared to installing an electric air curtain 	
Biddle standard air curtain recessed	CYV S/M/L-DK-R	<ul style="list-style-type: none"> - Easy and quick to install at reduced costs since no additional water systems, boilers and gas connections are required 	

Biddle air curtain nomenclature



Biddle air curtain for VRV and Conveni-pack

- › Connectable to VRV heat recovery, heat pump and Conveni-pack
- › VRV is among the first DX systems suitable for connection to air curtains
- › Free-hanging model (F): easy wall mounted installation
- › Cassette model (C): mounted into a false ceiling leaving only the decoration panel visible
- › Recessed model (R): neatly concealed in the ceiling
- › A payback period of less than 1.5 years compared to installing an electric air curtain
- › Provides virtually free air curtain heating via recovered heat from indoor units in cooling mode (in case of VRV heat recovery)
- › Easy and quick to install at reduced costs since no additional water systems, boilers and gas connections are required
- › **PATENTED TECHNOLOGY:** Maximum energy efficiency stemming from almost zero down flow turbulence, optimised air flow and the application of advanced discharge rectifier technology
- › Around 85% air separation efficiency, greatly reducing both heat loss and required indoor unit heating capacity



New R-32 range coming in 2023



More details and final information can be found by scanning or clicking the QR codes.



				Small				Medium			
				CYVS100DK80 *BC/*SC	CYVS150DK80 *BC/*SC	CYVS200DK100 *BC/*SC	CYVS250DK140 *BC/*SC	CYVM100DK80 *BC/*SC	CYVM150DK80 *BC/*SC	CYVM200DK100 *BC/*SC	CYVM250DK140 *BC/*SC
Heating capacity	Speed 3		kW	7.40	9.0	11.6	16.2	9.2	11.0	13.4	19.9
Power input	Fan only	Nom.	kW	0.23	0.35	0.46	0.58	0.37	0.56	0.75	0.94
	Heating	Nom.	kW	0.23	0.35	0.46	0.58	0.37	0.56	0.75	0.94
Delta T	Speed 3		K	19	15	16	17	14	13	15	
Casing	Colour			BN: RAL9010 / SN: RAL9006							
Dimensions	Unit	Height F/C/R	mm	270/270/270							
		Width F/C/R	mm	1,000/1,000/1,048	1,500/1,500/1,548	2,000/2,000/2,048	2,500/2,500/2,548	1,000/1,000/1,048	1,500/1,500/1,548	2,000/2,000/2,048	2,500/2,500/2,548
		Depth F/C/R	mm	590/821/561							
Required ceiling void >			mm	420							
Door height	Max.		m	2.3 (1) / 2.15 (2) / 2.0 (3)	2.3 (1) / 2.15 (2) / 2.0 (3)	2.3 (1) / 2.15 (2) / 2.0 (3)	2.3 (1) / 2.15 (2) / 2.0 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)
Door width	Max.		m	1.0	1.5	2.0	2.5	1.0	1.5	2.0	2.5
Weight	Unit		kg	56	66	83	107	57	73	94	108
Fan-Air flow rate	Heating	Speed 3	m ³ /h	1,164	1,746	2,328	2,910	1,605	2,408	3,210	4,013
Sound pressure level	Heating	Speed 3	dBA	47	49	50	51	50	51	53	54
Refrigerant	Type / GWP			R-410A / 2,087.5							
Piping connections	Liquid/OD/Gas/OD		mm	9.52/15.9			9.52/19.1	9.52/15.9			9.52/19.1
Required accessories (should be ordered separately)				Daikin wired remote control (BRC1H51(9)W/S/K / BRC1E53A/B/C / BRC1D52)							
Power supply	Voltage		V	230							

				Large			
				CYVL100DK125*BC/*SC	CYVL150DK200*BC/*SC	CYVL200DK250*BC/*SC	CYVL250DK250*BC/*SC
Heating capacity	Speed 3		kW	15.6	23.3	29.4	31.1
Power input	Fan only	Nom.	kW	0.75	1.13	1.50	1.88
	Heating	Nom.	kW	0.75	1.13	1.50	1.88
Delta T	Speed 3		K	15			14
Casing	Colour			BN: RAL9010 / SN: RAL9006			
Dimensions	Unit	Height F/C/R	mm	370/370/370			
		Width F/C/R	mm	1,000/1,000/1,048	1,500/1,500/1,548	2,000/2,000/2,048	2,500/2,500/2,548
		Depth F/C/R	mm	774/1,105/745			
Required ceiling void >			mm	520			
Door height	Max.		m	3.0 (1) / 2.75 (2) / 2.5 (3)	3.0 (1) / 2.75 (2) / 2.5 (3)	3.0 (1) / 2.75 (2) / 2.5 (3)	3.0 (1) / 2.75 (2) / 2.5 (3)
Door width	Max.		m	1.0	1.5	2.0	2.5
Weight	Unit		kg	76	100	126	157
Fan-Air flow rate	Heating	Speed 3	m ³ /h	3,100	4,650	6,200	7,750
Sound pressure level	Heating	Speed 3	dBA	53	54	56	57
Refrigerant	Type / GWP			R-410A / 2,087.5			
Piping connections	Liquid/OD/Gas/OD		mm	9.52/15.9	9.52/19.1	9.52/22.2	
Required accessories (should be ordered separately)				Daikin wired remote control (BRC1H51(9)W/S/K / BRC1E53A/B/C / BRC1D52)			
Power supply	Voltage		V	230			

(1) Favorable conditions: covered shopping mall or revolving door entrance (2) Normal conditions: little direct wind, no opposite open doors, building with ground floor only (3) Unfavorable conditions: location at a corner or square, multiple floors and/or open stairway

R-32

R-32

		VRV 5 heat recovery		VRV S-series
		REYA8-20 REMA5	2 module systems	RXYSA-AV1/AY1
Kits	Multi-module connection kit (obligatory) - Connects multiple modules into a single refrigerant system		2 modules: BHFQ23P907A	
	Extended level difference kit - Allows outdoor unit to be more than 50m above indoor units			
	Central drain pan kit - Installs onto the underside of the outdoor unit and collects drain water from all bottom plate outlets into a single outlet. In cold areas should be heated by a field-supplied heater to prevent drain water from freezing in the drain pan.			
	Bottom plate heater - To keep drain holes ice-free in extreme weather conditions (one per outdoor unit needed)	5/8-12: EKBPH012T 14-20: EKBPH020T		EKBPH250D
Adapters	External control adapter for outdoor unit - Allows to activate Low Noise Operation and three levels of demand control, limiting power consumption via external dry contacts. Connects to the F1/F2 communication line and requires power supply from an indoor unit, BSVQ box, or VRV-WIII outdoor unit.			DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. For 14-20 HP the demand PCB mounting plate is required. See Options & Accessories of indoor units
	KRC19-26 Mechanical cool/heat selector – allows to switch an entire Heat Pump system, or one BS-box of a Heat Recovery system between cooling, heating and fan only. Connects to the A-B-C terminals of the outdoor unit / BS-box.			•
	Cool/heat selector PCB (required to connect KRC19-26)			Standard on unit
	KKSB26B1* Cool/heat selector PCB mounting plate (only required when cool/heat selector PCB and Heater tape kit are combined)			
	KJB111A Installation box for remote cool/heat selector KRC19-26			•
	EKCHSC - Cool/heat selector cable			
	EKPCCAB4 VRV configurator			•
	KKSB26B1* Demand PCB mounting plate. Needed to mount Demand PCB for one or more outdoor units.			
	DTA109A51 DIII-net expander adapter			
	BPMKS967A2/A3 Branch provider (for connection of 2/3 RA indoor units)			
EKDK04 Drain plug kit				
EKLN140A Sound enclosure			•	
		VRV IV S-series		
		RXYSQC-TV1	RXYSQ4-6TV9	RXYSQ4-6TY9
Kits	Multi-module connection kit (obligatory) - Connects multiple modules into a single refrigerant system			
	Extended level difference kit - Allows outdoor unit to be more than 50m above indoor units			
	Central drain pan kit - Installs onto the underside of the outdoor unit and collects drain water from all bottom plate outlets into a single outlet. In cold areas should be heated by a field-supplied heater to prevent drain water from freezing in the drain pan.			
	Bottom plate heater - To keep drain holes ice-free in extreme weather conditions (one per outdoor unit needed)			
Adapters	External control adapter for outdoor unit - Allows to activate Low Noise Operation and three levels of demand control, limiting power consumption via external dry contacts. Connects to the F1/F2 communication line and requires power supply from an indoor unit, BSVQ box, or VRV-WIII outdoor unit.			DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. See Options & Accessories of indoor units
	KRC19-26 Mechanical cool/heat selector – allows to switch an entire Heat Pump system, or one BS-box of a Heat Recovery system between cooling, heating and fan only. Connects to the A-B-C terminals of the outdoor unit / BS-box.		•	•
	Cool/heat selector PCB (Required to connect KRC19-26)		EBRP2B	
	KKSB26B1* Cool/heat selector PCB mounting plate (only required when cool/heat selector PCB and Heater tape kit are combined)			
	KJB111A Installation box for remote cool/heat selector KRC19-26		•	•
	EKCHSC Cool/heat selector cable (Required to connect KRC19-26)			•
	EKPCCAB4 VRV configurator	•	•	•
	KKSB26B1* Demand PCB mounting plate. Needed to mount Demand PCB for one or more outdoor units.			
	DTA109A51 DIII-net expander adapter			
	BPMKS967A2/A3 Branch provider (for connection of 2/3 RA indoor units)	•	•	•
EKDK04 Drain plug kit		•	•	
Others				

VRV IV+ heat recovery		VRV IV+ heat pump		VRV IV C+series	
REYQ8-20 REMQR5	2/3 module systems	RYYQ8-20 RYYQ8-20 RXYQ8-20	2/3 module systems	RXYLQ RXYLQ	2/3 module systems
	2 modules: BHFQ23P907A 3 modules: BHFQ23P1357		2 modules: BHFQ22P1007 3 modules: BHFQ22P1517		2 modules: BHFQ22P1007 3 modules: BHFQ22P1517
Special order unit					
5/8-12: EKBPH012T7A 14-20: EKBPH020T7A		8-12: EKBPH012T7A 14-20: EKBPH020T7A			
Depends on type of indoor unit. Options & Accessories of indoor units		DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. For 14-20 HP the demand PCB mounting plate is required. See Options & Accessories of indoor units			
			1 kit per system		1 kit per system
		BRP2A81	1 kit per system	BRP2A81	1 kit per system
		• (14-20)	1 kit per system	•	1 kit per system
		•	1 kit per system	•	1 kit per system
		•		•	
		• (14-20)		•	
		•		•	
VRV IV i-series SB.RKXYQ					
RXYSQ8-12TY1	RDXMQ5	RDXMQ8	RKXYQ5	RKXYQ8	
	EKDPH1RD1X	EKDPH1RD1X			
DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. See Options & Accessories of indoor units					
			•	•	
				BRP2A81	
			•	•	
			•		
•			•	•	
•					

		VRV IV-Q Heat Pump Replacement VRV		
		RQYQ 140P	RXYQQ8-20	2/3-module systems
Kits	Multi-module connection kit (obligatory) Connects multiple modules into a single refrigerant system			2 modules: BHFQ22P1007 3 modules: BHFQ22P1517
	Central drain pan kit - Installs onto the underside of the outdoor unit and collects drain water from all bottom plate outlets into a single outlet. In cold areas should be heated by a field-supplied heater to prevent drain water from freezing in the drain pan.	KWC26B160		
	Bottom plate heater - To keep drain holes ice-free in extreme weather conditions (one per outdoor unit needed)		8-12: EKBPH012T7A 14-20: EKBPH020T7A	
Adapters	External control adapter for outdoor unit - Allows to activate Low Noise Operation and three levels of demand control, limiting power consumption via external dry contacts. Connects to the F1/F2 communication line and requires power supply from an indoor unit*, BSVQ box, or VRV-WIII outdoor unit.	DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. For 14-20 HP the demand PCB mounting plate is required. See Options & Accessories of indoor units	DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. For 14-20 HP the demand PCB mounting plate is required. See Options & Accessories of indoor units	
	KRC19-26 Mechanical cool/heat selector – allows to switch an entire Heat Pump system, or one BS-box of a Heat Recovery system between cooling, heating and fan only. Connects to the A-B-C terminals of the outdoor unit / BS-box.	•	•	1 kit per system
	BRP2A81 Cool/heat selector PCB (required to connect KRC19-26 to VRV IV outdoor)		•	1 kit per system
	KKSB26B1* Cool/heat selector PCB mounting plate (only required when cool/heat selector PCB and Heater tape kit are combined)		• (8-12)	1 kit per system
Others	KJB111A Installation box for remote cool/heat selector KRC19-26	•	•	1 kit per system
	EKPCCAB4 VRV configurator		•	
	KKSB26B1* Demand PCB mounting plate. Needed to mount Demand PCB for one or more outdoor units.		• (8-12)	
	DTA109A51 DIII-net expander adapter			

(1) For installations with special requirements towards fire regulations, the insulation material can be replaced using kits EKHBFO1 and EKHBFO2. The kits contain insulation material that complies with EN13501-1:B-S3,dO and BS476-7 (class 1)

Refnets & branch selector boxes

		Refnet Joints			
		Capacity index	Capacity index	Capacity index	Capacity index
		< 200	200 ≤ x < 290	290 ≤ x < 640	> 640
Refnets	Imperial-size connections for heat recovery pump (2-pipe)	For all R-410A VRV: KHRQ22M20T For all R-410A+R-32 VRV: KHRQ22M20TA	KHRQ22M29T9	KHRQ22M64T	KHRQ22M75T
	Imperial-size connections for heat recovery pump (2-pipe) (1)	KHRQ23M20T	KHRQ23M29T9	KHRQ23M64T	KHRQ23M75T
Options for Branch selector boxes (BS box) (only for connection with VRV heat recovery system)	Closed pipe kit				
	Joint kit				
	Quiet kit				
	Duct connection: To connect extraction of BSSV boxes in serial				
	Drain pump kit				

(1) For metric size connections, contact your local sales responsible

VRV III-Q Heat Recovery Replacement VRV		VRV-W IV Water-cooled VRV		
RQEQ 140~212		RWEYQ8-14	Heat Pump application 2/3-module systems	Heat Recovery application 2/3-module systems
	2/3 modules: BHFP26P36C 4 modules: BHFP26P84C		BHFQ22P1007 / BHFQ22P1517 (1)	BHFQ23P907 / BHFQ23P1357 (1)

DTA104A53/61/62

Installation in the RWEYQ outdoor unit possible. For installation in indoor units, use appropriate type (DTA104A53/61/62) for particular indoor unit. See Options & Accessories of indoor units

		• (for H/P only)	1 kit per system	
		• (for H/P only)	1 kit per system	
•		• (for H/P only)	1 kit per system	
		•	•	•
		•	•	•

Refnet Headers			VRV 5 Heat Recovery Branch Selector (BSSV) boxes R-32	VRV IV Heat Recovery Branch Selector (BS) boxes R-410A	
Capacity index < 290	Capacity index 290 ≤ x < 640	Capacity index > 640	Multi port BS-A14AV1B	1-port BS1Q-A	Multi port BS-Q14AV1B
KHRQ22M29H	KHRQ22M64H	KHRQ22M75H			
KHRQ23M29H	KHRQ23M64H	KHRQ23M75H			
					KHFP26A100C
			EKBSJK		KHRP26A250T
				EKBSVQLNP	4 port: KDDN26A4 6-8 port: KDDN26A8 10-12 port: KDDN26A12 16 port: KDDN26A16
			EKBSDCK		
			K-KDU303KVE		

		Ceiling mounted cassette units		
		Round flow (800x800)	4-way (600x600)	
		FXFA-A	FXZA-A	
Panels	Decoration panel (obligatory for cassette units, optional for others, rear panel for FXLQ)	Standard panels: BYCQ140E (white) / BYCQ140EW (full white)(3) / BYCQ140EB (black) Auto cleaning (5)(6): BYCQ140EGF (white) / BYCQ140EGFB (black) Designer panels: BYCQ140EP (white) / BYCQ140EPB (black)	R-410A model: BYFQ60C2W1W (white panel) BYFQ60C2W1S (grey panel) BYFQ60B3W1 (standard panel) R-32 model: BYFQ60C4W1W (white panel) (19) BYFQ60C4W1S (grey panel) (19) BYFQ60B3W1 (standard panel) (20)	
	Panel spacer for reducing required installation height		KDBQ44B60 (Standard panel)	
	Sealing kit for 3- or 2-directional air discharge	KDBHQ56B140 (7)	BDBHQ44C60 (white & grey panel)	
	Sensor kit	BRYQ140B (white panels) BRYQ140BB (black panels) BRYQ140C (white designer panel) BRYQ140CB (black designer panel)	BRYQ60A2W (white) BRYQ60A2S (grey) R-32 models: BRYQ60A3W (white) BRYQ60A3S (grey)	
Individual control systems	Infrared remote control (incl. receiver)	BRC7FA532F (white panels) (7)(15) BRC7FA532FB (black panels) (7)(15) BRC7FB532F (white designer panel) (7)(15) BRC7FB532FB (black designer panel) (7)(15)	BRC7F530W (9) (10) (white panel) BRC7F530S (9) (10) (grey panel) BRC7EB530W (9) (10) (standard panel)	
	BRP069C51 - Onecta app	•	•	
	Madoka BRC1H52W (White) / BRC1H52S (Silver) / BRC1H52K (Black) User-friendly wired remote controller with premium design	• (mandatory)	• (mandatory)	
	BRC1E53A/B/C - Wired remote control with full-text interface and back-light			
	BRC1D52 (4) - Standard wired remote control with weekly timer			
Centralised control systems	DCC601A51 - intelligent Tablet Controller	•	•	
	DCS601C51 (12) - intelligent Touch Controller	•	•	
	DCS302C51 (12) - Central remote controller	•	•	
	DCS301B51 (12) (13) - Unified ON/OFF controller	•	•	
Building Management System & Standard protocol interfaces	for individual control	RTD-NET - Modbus interface for monitoring and control	•	•
		RTD-10 - Modbus interface for infrastructure cooling	•	•
		RTD-20 - Modbus interface for retail	•	•
		RTD-HO - Modbus interface for hotel	•	•
		KLIC-DI - KNX Interface	•	•
	for central control	DCM601B51 - intelligent Touch Manager	•	•
		EKMBDXB - Modbus interface	•	•
		DCM010A51 - Daikin PMS interface	•	•
		DMS502A51 - BACnet Interface	•	•
		DMS504B51 - LonWorks Interface	•	•
Filters	Auto cleaning filter	see decoration panel		
	UV Streamer kit (purifies the air of pollutants such as viruses, bacteria, fine dust (PM1.0), oudeurs, allergens, etc ensuring a healthy indoor environment)	BAEF125AWB (22) BAFP55A160 BAF552A160 ePM10 60% (7) (BAF552A160-5: box of 5 filters) (BAF552A160-10: box of 10 filter)		
	Replacement high efficiency filter			
	Replacement long life filter, non-woven type	KAF5511D160	KAF441C60	
	Pre-filter Filter chamber			
Wiring and sensors	KRCS - External wired temperature sensor	KRCS01-5B	KRCS01-6B	
	K.RSS - External wireless temperature sensor	SB.K.RSS_RFC (EKEWTSC-2 + K.RSS)	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	
Adapters	Adapter with 2 output signals (Compressor / Error, Fan output)	KRP1BA58 (2)(7)	ERP02A50 (2)	
	Adapter with 4 output signals (Compressor / Error, Fan, Aux. heater, Humidifier output)	EKRP1C12 (2)(7)	EKRP1C14 (2)	
	Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-140Ω (for dedicated indoor)	KRP4A53 (2)(7)	KRP4A53 (2)	
	Adapter for external central monitoring/control (controls 1 entire system)		KRP2A52	
	Adapter for keycard and/or window contact connection (2)(11)	BRP7A53	BRP7A53 (2)	
	Adapter for multi-tenant applications (24VAC PCB power supply interface)	DTA114A61	DTA114A61	
	External control adapter for outdoor unit (installation on indoor unit)			
	Installation box / Mounting plate for adapter PCBs (For units where there is no space in the switchbox)	KRP1H98A (7) KRP1BC101	KRP1BC101	
Wiring kit for Remote ON/OFF or Forced OFF	Standard	Standard		
Relay PCB for output signal of refrigerant sensor	ERP01A51 (2)	ERP01A50 (2)		
Others	Drain pump kit	Standard	Standard	
	Multi zoning kit (for detailed model code overview refer to multizoning argue card in this catalogue)			
	Fresh air intake kit (direct installation type)	KDDP55C160-1 + KDDP55D160-2 (7)(8)	KDDQ44XA60	
	Air discharge adapter for round duct			
	L-type piping kit			
Insulation kit for high humidity				

(1) pump station is necessary for this option
(2) Installation box is necessary for these adapters
(3) The BYCQ140EW has white insulation. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140EW decoration panel in environments exposed to concentrations of dirt*
(4) Not recommended because of the limitation of the functions
(5) To be able to control the BYCQ140EGF(B) the controller BRC1E or BRC1H* is needed

(6) The BYCQ140EGF(B) is not compatible with Multi and Split Non-Inverter Outdoor units
(7) Option not available in combination with BYCQ140EGF(B)
(8) Both parts of the fresh air intake are needed for each unit
(9) Cannot be combined with sensor kit
(10) Independently controllable flaps function not available
(11) Only possible in combination with BRC1H* / BRC1E*
(12) When fixing box is required, use KJB212A, KJB311A or KJB411A depending on the size of the

Concealed ceiling units (duct units)			Ceiling suspended units		Wall mounted units
Slim	Medium ESP	High ESP	1-way blow	4-way blow	
FXDA-A	FXSA-A	FXMA-A	FXHA-A	FXUA-A	FXAA-A
				KDBHP49B140 + KDBTP49B140	
				BRE49B2F	
BRC4C65	BRC4C65	BRC4C65	BRC7GA53-9	BRC7C58	BRC7EA630
•	•	•	•	•	•
• (mandatory)	• (mandatory)	• (mandatory)	• (mandatory)	• (mandatory)	• (mandatory)
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•
15-32: BAE20A62 40-50: BAE20A82 63: BAE20A102					
		BAFM503A250 (65%) (21) BAFH504A250 (90%) (21)			
		200~250: BAFL502A250 (21) BAFL501A250 (21) BDD500B250	32: KAF501B56 50~63: KAF501B80 71~100: KAF501B160	KAFP551K160	
KRCS01-6B	KRCS01-6B	KRCS01-6B	KRCS01-6B	KRCS01-6B	KRCS01-6B
SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	• KRP1BA58	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)
ERP02A50 (2)	EKRP1C14 (2)	EKRP1C14 (2)		EKRP1C14 (2)	ERP02A50 (2)
KRP4A54-9 (2)	KRP4A52(2)	50~125: KRP4A52 200~250: KRP4A51	KRP4A52 (2)	KRP4A53 (2)	KRP4A51 (2)
KRP2A53 (2)	KRP2A51(2)	KRP2A51	KRP2A62		KRP2A61(2)
BRP7A54	BRP7A51	BRP7A51	BRP7A52 (2)	BRP7A53	BRP7A51 (2)
DTA114A61	DTA114A61	DTA114A61	DTA114A61	DTA114A61	DTA114A61
DTA104A53	DTA104A61 (2)	DTA104A61 (2)	DTA104A61		DTA104A51(2) / DTA104A61(2)
KRP1BC101	KRP1BC101	KRP1BC101	KRP1D93A/KRP4B93	KRP1B97	KRP4A93
	Standard	Standard	standard	standard	Standard
ERP01A51 (2)	ERP01A50 (2)	ERP01A50	ERP01A51 (2)	ERP01A51 (2)	ERP01A51 (2)
Standard	Standard	200~250: BDU510B250VM	32-50-63: KDU50R63 100: KDU50R160		K-KDU572KVE
	15~32: KDAP25A36A 40~50: KDAP25A56A 63~80: KDAP25A71A 100~125: KDAP25A140A 140: -	50~80: KDAJ25K71 100~125: KDAJ25K140 200~250: -			
			32: KHFP5M35 50~63: KHFP5N63 71~100: KHFP5N160		
KDT25N32 / KDT25N50 / KDT25N63					

controller
(13) Option KEK26-1A (Noise filter) is required when installing DCS301B51
(14) Wire harness EKEWTSC is necessary
(15) The active airflow circulation function is not available for this controller.
(16) Up to 2 adaptor PCBs can be installed per installation box
(17) Only one installation box can be installed per indoor unit
(18) VRV R-32 indoor units cannot be connected to this controller

(19) The BYFQ60C4* R-32 panels can be connected to R-410A indoor units with wire harness EKRS22
(20) Wire harness EKRS23 is necessary
(21) Filter chamber needed
(22) Only possible in combination with BYCQ140E and BYCQ140EW

Ceiling mounted cassette units

		Round flow (800x800)	4-way (600x600)	2-way blow	Corner (1-way blow)
		FXFQ-B	FXZQ-A	FXCQ-A	FXKQ-MA
Panels	Decoration panel (obligatory for cassette units, optional for others, rear panel for FXLQ)	Standard panels: BYCQ140E (white) / BYCQ140EW (full white)(3) / BYCQ140EB (black) Auto cleaning (5)(6): BYCQ140EGF (white) / BYCQ140EGFB (black) Designer panels: BYCQ140EP (white) / BYCQ140EPB (black)	R-410A model: BYFQ60C2W1W (white panel) BYFQ60C2W1S (grey panel) BYFQ60B3W1 (standard panel) R-32 model: BYFQ60C4W1W (white panel) (19) BYFQ60C4W1S (grey panel) (19) BYFQ60B3W1 (standard panel) (20)	20~40: BYBCQ40H 50~63: BYBCQ63H 80~125: BYBCQ125H	25~40: BYK45F 63: BYK71F
	Panel spacer for reducing required installation height		KDBQ44B60 (Standard panel)		25~40: KPBJ52F56 63: KPBJ52F80
	Sealing kit for 3- or 2-directional air discharge	KDBHQ56B140 (7)	BDBHQ44C60 (white & grey panel)		
	Sensor kit	BRYQ140B (white panels) BRYQ140BB (black panels) BRYQ140C (white designer panel) BRYQ140CB (black designer panel)	R-410A models: BRYQ60A2W (white) BRYQ60A2S (grey) R-32 models: BRYQ60A3W (white) BRYQ60A3S (grey)		
Individual control systems	Infrared remote control including receiver	BRC7FA532F (white panels) (7)(15) BRC7FA532FB (black panels) (7)(15) BRC7FB532F (white designer panel) (7)(15) BRC7FB532FB (black designer panel) (7)(15)	BRC7F530W (9) (10) (white panel) BRC7F530S (9) (10) (grey panel) BRC7EB530W (9) (10) (standard panel)	BRC7C52	BRC4C61
	BRP069C51 - Onecta app				
	Madoka BRC1H52W (White) / BRC1H52S (Silver) / BRC1H52K (Black) User-friendly wired remote controller with premium design	•	•	•	•
	BRC1E53A/B/C - Wired remote control with full-text interface and back-light	• (18)	• (18)	•	•
BRC1D52 (4) - Standard wired remote control with weekly timer	• (15)(18)	• (18)	•	•	
Centralised control systems	DCC601A51 - Intelligent Tablet Controller	•	•	•	•
	DCS601C51 (12) - intelligent Touch Controller	•	•	•	•
	DCS302C51 (12) - Central remote control	•	•	•	•
	DCS301B51 (12) (13) - Unified ON/OFF control	•	•	•	•
	RTD-NET - Modbus interface for monitoring and control	•	•	•	•
Building Management System & Standard protocol interfaces for individual control	RTD-10 - Modbus interface for infrastructure cooling	•	•	•	•
	RTD-20 - Modbus interface for retail	•	•	•	•
	RTD-HO - Modbus interface for hotel	•	•	•	•
	KLIC-DI - KNX Interface	•	•	•	•
	DCM601B51 - intelligent Touch Manager	•	•	•	•
	EKMBDXB - Modbus interface	•	•	•	•
	DCM010A51 - Daikin PMS interface	•	•	•	•
	DMS502A51 - BACnet Interface	•	•	•	•
	DMS504B51 - LonWorks Interface	•	•	•	•
Filters	Auto cleaning filter	see decoration panel			
	UV Streamer kit (purifies the air of pollutants such as viruses, bacteria, fine dust (PM1.0), oduers, allergens, etc ensuring a healthy indoor environment)	UV Streamer kit Replacement filter BAEF125AWB (22) BAFP55A160			
	Replacement high efficiency filter	BAF552AA160 ePM10 60% (7) (BAF552AA160-5: box of 5 filters) (BAF552AA160-10: box of 10 filter)			
	Replacement long life filter, non-woven type	KAF5511D160	KAF441C60	20~40: KAF531C50 50~63: KAF531C80 80~125: KAF531C160	
Pre-filter Filter chamber					
Wiring and sensors	KRCS - External wired temperature sensor	KRCS01-5B	KRCS01-4	KRCS01-4	KRCS01-1
	K.RSS - External wireless temperature sensor	K.RSS	K.RSS	•	•
Adapters	Adapter with 2 output signals (Compressor / Error, Fan output)	KRP1BA58 (2)(7)	KRP1B57 (2)		
	Adapter with 4 output signals (Compressor / Error, Fan, Aux. heater, Humidifier output)	EKRP1C12 (2)(7)	EKRP1B2 (2)	EKRP1B2 (2)	KRP1B61
	Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-140Ω (for dedicated indoor)	KRP4A53 (2)(7)	KRP4A53 (2)	KRP4A51 (2)	KRP4A51
	Adapter for external central monitoring/control (controls 1 entire system)		KRP2A52	KRP2A51 (2)	KRP2A61
	Adapter for keycard and/or window contact connection (2)(11)	BRP7A53	BRP7A53 (2)	BRP7A51	BRP7A51
	Adapter for multi-tenant applications (24VAC PCB power supply interface)	DTA114A61	DTA114A61		
	External control adapter for outdoor unit (installation on indoor unit)			DTA104A61 (2)	DTA104A61
	Installation box / Mounting plate for adapter PCBs (For units where there is no space in the switchbox)	KRP1H98A (7) KRP1BC101	KRP1BC101	KRP1C96 (16) (17)	
	Wiring kit for Remote ON/OFF or Forced OFF	Standard	Standard	Standard	Standard
	Relay PCB for output signal of refrigerant sensor				
Others	Drain pump kit	Standard	Standard	Standard	Standard
	Multi zoning kit (for detailed model code overview refer to multizoning argue card in this catalogue)				
	Fresh air intake kit (direct installation type)	KDDP55C160-1 + KDDP55D160-2 (7)(8)	KDDQ44XA60		
	Air discharge adapter for round duct				
	L-type piping kit				
	Filter chamber for bottom suction			20~40: KDDFP53B50 50~63: KDDFP53B80 80~125: KDDFP53B160	
	Insulation kit for high humidity				

(1) pump station is necessary for this option

(2) Installation box is necessary for these adapters

(3) The BYCQ140EW has white insulation. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140EW decoration panel in environments exposed to concentrations of dirt*

(4) Not recommended because of the limitation of the functions

(5) To be able to control the BYCQ140EGF(B) the controller BRC1E or BRC1H* is needed

(6) The BYCQ140EGF(B) is not compatible with Multi and Split Non-Inverter Outdoor units

(7) Option not available in combination with BYCQ140EGF(B)

(8) Both parts of the fresh air intake are needed for each unit

(9) Cannot be combined with sensor kit

(10) Independently controllable flaps function not available

(11) Only possible in combination with BRC1H* / BRC1E*

(12) When fixing box is required, use KJB212A, KJB311A or KJB411A depending on the size of the controller

(13) Option KEK26-1A (Noise filter) is required when installing DCS301B51

(14) Wire harness KEWTSC is necessary

(15) The active airflow circulation function is not available for this controller.

(16) Up to 2 adaptor PCBs can be installed per installation box

(17) Only one installation box can be installed per indoor unit

(18) VRV R-32 indoor units cannot be connected to this controller

Concealed ceiling units (duct units)				Ceiling suspended units		Wall mounted units	Floor standing units	
Slim	Medium ESP	High ESP		1-way blow	4-way blow		Concealed	Free-standing
FXDQ-A3	FXSQ-A	FXMQ-P7	FXMQ-A	FXHQ-A	FXUQ-A	FXAQ-A	FXNQ-A	FXLQ-P
								20~25: EKRD25A5 32~40: EKRD40A5 50~63: EKRD63A5
					KDBHP49B140 + KDBTP49B140			
BRC4C65	BRC4C65	BRC4C65	BRC4C65	BRC7GA53-9	BRC7C58	BRC7EA629 / BRC7EA628	BRC4C65	BRC4C65
●	●	●	●	●	●	●	●	●
● (18)	● (18)	●	●	●	●	●	●	●
● (18)	● (18)	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
15-32: BAE20A62 40-50: BAE20A82 63: BAE20A102								
			BAFM503A250 (65%) (21) BAFH504A250 (90%) (21)					
			BAFL502A250 (21)	32: KAF501B56 63: KAF501B80 71~100: KAF501B160	KAF551D160			20~25: KAF361L28 32~40: KAF361L45 50~63: KAF361L71
			BAFL501A250 (21) BDD500B250					
KRCS01-4	KRCS01-4	KRCS01-4	KRCS01-6B SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	KRCS01-4	KRCS01-4	KRCS01-1	KRSC01-4	KRCS01-1
K.RSS	K.RSS	●	KRP1C65	●	●	K.RSS + EKEWTSC	●	●
KRP1B56	EKRP1B2 (2)	EKRP1B2 (2)	KRP1C64 (2)	KRP1B54		KRP1B56	KRP1B56	KRP1B61
KRP4A54-9 (2)	KRP4A52 (2)	KRP4A51 (2)	KRP4A51	KRP4A52 (2)	KRP4A53 (2)	KRP4A51 (2)	KRP4A54-9	KRP4A51
KRP2A53 (2)	KRP2A51 (2)	KRP2A51 (2)	KRP2A51	KRP2A62 (2)		KRP2A51 (2)/ KRP2A61(2)	KRP2A53	KRP2A51
BRP7A54	BRP7A51	BRP7A51	BRP7A51	BRP7A52	BRP7A53	BRP7A51 (2)	BRP7A54	BRP7A51
DTA114A61	DTA114A61 (2)	DTA114A61 (2)	DTA114A61	DTA114A61	DTA114A61	DTA114A61	DTA114A61	EKMTAC
DTA104A53	DTA104A61	DTA104A61 (2)	DTA104A61	DTA104A62-9		DTA104A51 / DTA104A61	DTA104A53	DTA104A61
KRP1BC101	KRP1BC101	KRP4A96		KRP1D93A (19)	KRP1B97	KRP4AA93 (16)(17)	KRP1BC101	
	Standard	Standard	Standard	EKRORO4	EKRORO5	Standard	Standard	Standard
Standard	Standard	Standard	BDU510B250VM	32: KDU50R63 63~100: KDU50R160		K-KDU572KVE		
●	●							
	15~32: KDAP25A36A 40~50: KDAP25A56A 63~80: KDAP25A71A 100~125: KDAP25A140A 140: -	50~80: KDAJ25K71 100~125: KDAJ25K140						
				35: KHFP5M35 63: KHFP5N63 71~100: KHFP5N160				
KDT25N32 / KDT25N50 / KDT25N63								

(19) The BYFQ60C4* R-32 panels can be connected to R-410A indoor units with wire harness EKRS22
(20) Wire harness EKRS23 is necessary
(21) Filter chamber needed
(22) Only possible in combination with BYCQ140E and BYCQ140EW
(23) Requires demand PCB
(24) Can only be used in combination with wireless room thermostat
(25) If tank is NOT mounted on top of the HXHD unit, then option EKMAHTB is needed to install tank as stand alone

	HXY080-125A8	HXHD125-200A8
Drain pan	EKHBPCA2	-
Digital I/O PCB	EKRPIHBAA	EKRPIHBAA
Demand PCB - Required to connect room thermostat	EKRPIAHTA	EKRPIAHTA
Remote user interface (remocon) - Same controller as supplied with cascade unit can be mounted parallel or on other location. If 2 controllers are installed, the installer needs to select 1 master & 1 slave	EKRUAHTB	EKRUAHTB
Back-up heater	EKBHAA6(W1/V3)	-
Wired room thermostat	EKRRTWA (23)	EKRRTWA (23)
Wireless room thermostat	EKRTRT (23)	EKRTRT (23)
Remote sensor for room thermostat	EKRRTS (24)	EKRRTS (23)
Stainless domestic hot water tank - 200l	-	EKHTS200AC (24)
Stainless domestic hot water tank - 260l	-	EKHTS260AC (24)
PP domestic hot water tank - 300l	-	EKHWP300B
PP domestic hot water tank - 500l	-	EKHWP500B
Solar collector	-	EKSV26P (vertical) EKSH26P (horizontal)
Pump station	-	EKSRRPS