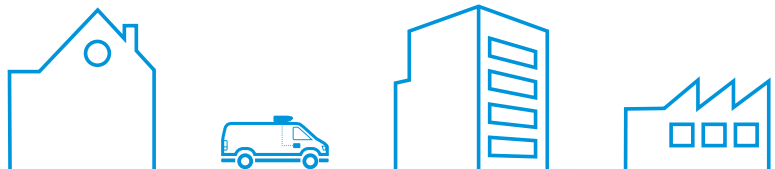


VRV

Purpose-built to support the decarbonisation of commercial buildings



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.

The VRV 5 heat recovery unit is specifically designed for R-32 refrigerant. This reduces its CO₂ equivalent impact thanks to a lower GWP, lower refrigerant charge and higher efficiency compared to R-410A systems. It also has completely redesigned Branch Selector boxes that require less ceiling height and have Shîrudo Technology built in.

Pioneering technology meets seamless sustainability

The good news for you as a Daikin partner? This all-in-one hero solution is as simple and flexible to install as any other VRV system, with all measures factory integrated. It's also easy to design and select, thanks to new software that ensures compliance with the latest product standards. What's more, you'll have access to an extensive network of expert support.

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.



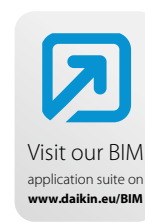
VRV 5

BLUEVOLUTION



VRV

Maximum flexibility, minimum concern; As it should be.



Creating a sustainable legacy	452		
Why choose Daikin VRV?	454		
Total solution concept	458		
VRV 5 BLUEEVOLUTION	460		
VRV 5 Outdoor units	460		
Shirudo technology	461		
Heat recovery	462		
NEW & UNIQUE REYA-A	464		
Branch Selector (BSSV box)	466		
NEW & UNIQUE BS-A14AV1B	466		
Heat pump	469		
UNIQUE RXYSA-AV1/AY1	469		
VRV 5 Indoor units	470		
Ceiling mounted cassette units	474		
UNIQUE FXFA-A	475		
UNIQUE FXZA-A	477		
Concealed ceiling units	478		
UNIQUE Auto cleaning filter for concealed ceiling units	478		
FXDA-A	479		
FXSA-A	480		
NEW FXMA-A	481		
Wall mounted	482		
FXAA-A	482		
Ceiling suspended units	483		
NEW FXHA-A	483		
NEW & UNIQUE FXUA-A	484		
VRV IV LOOP BY DAIKIN	486		
VRV IV outdoor units	486		
Heat recovery	492		
REYQ-U	492		
Heat pump	494		
RYYQ-U/RXYQ-U	494		
RXYSCQ-TV1	496		
RXYSQ-TV9/TY9/TY1	497		
UNIQUE SB.RKXYQ-T(8)	498		
RXYLQ-T	500		
Replacement VRV	504		
RQCEQ-P3	506		
RQYQ-P / RXYQQ-U	507		
Water-cooled VRV	508		
RWEYQ-T9	510		
Branch selector (BS box)	513		
BS1Q-A	513		
BS-Q14AV1B	513		
VRV IV indoor units	514		
Ceiling mounted cassette units	518		
UNIQUE FXFQ-B	518		
UNIQUE FXZQ-A	519		
FXCQ-A	520		
FXKQ-MA	521		
Concealed ceiling units	522		
Multi zoning kit	522		
FXDQ-A3	523		
FXSQ-A	524		
FXMQ-P7 / FXMQ-MB	525		
Wall mounted unit	527		
FXAQ-A	527		
Ceiling suspended units	528		
FXHQ-A	528		
UNIQUE FXUQ-A	529		
Floor standing units	530		
FXNQ-A	530		
FXLQ-P	531		
Hot water	532		
HXY-A8	532		
HXHD-A8	533		
Accessories for hot water	534		
Biddle Air Curtains	536		
CYV air curtain for VRV	537		
Options & accessories	538		

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 in 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:

- Reducing CO₂ equivalents through **lower GWP refrigerants** such as R-32
- Maximizing sustainability over the entire life cycle, thanks to market-leading **real life seasonal efficiencies**
- Ensuring systems run efficiently 24/7 through **smart controls**
- **Safeguarding natural resources** - by reusing existing refrigerant through **L∞P by Daikin**, turning waste into an asset

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**
- 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: Completely new and 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 250,000 kgs of virgin refrigerant being produced every year
 - For all VRV units produced and sold in Europe*

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



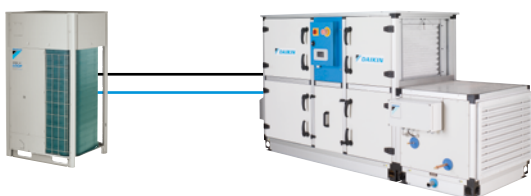
2 Efficiency

- › 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



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



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

- NEW**
- › 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 nearly 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

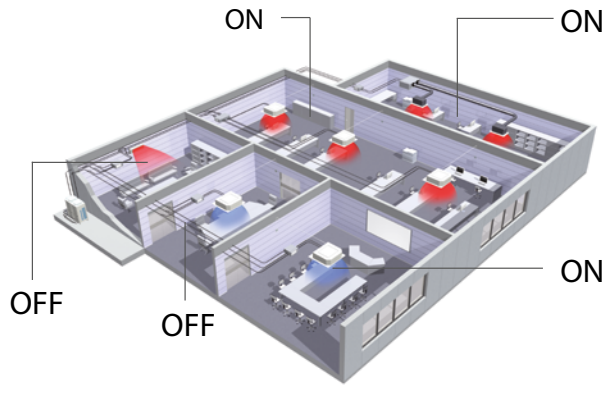
- › Heat recovery for simultaneous cooling and heating
- › Maximum flexibility for geothermal applications with water-cooled systems
- › Hot and cold climate solutions offering efficient cooling up to 52°C and heating down to -25°C
- › Space saving mini VRV solutions, offering the most compact VRV
- › 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... standard VRV features

Low running costs

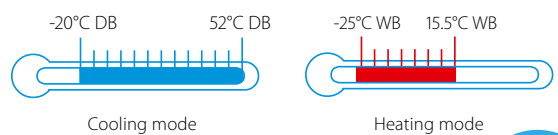
- > Precise zone control
- > All inverter compressors
- > Running costs of a water-based fan coil unit can be 40 to 72% higher compared to a VRV heat recovery system



Great design flexibility

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

- > Long refrigerant piping
- > Zone by zone phased installation
- > Outdoor units can be installed indoors
- > Use one outdoor unit for multiple tenants



multi tenant



max. 398kg for a 20HP unit

- > Compact units require up to 29% less space than traditional water based systems, offering more lettable space and avoiding the need for structural reinforcement

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



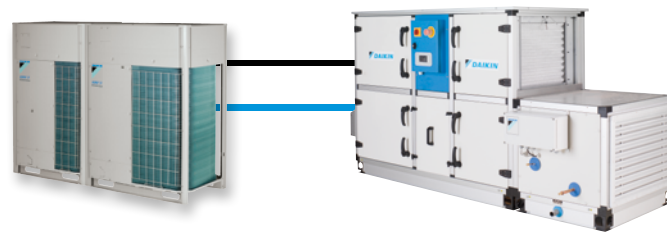
indoor installation of outdoor units

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

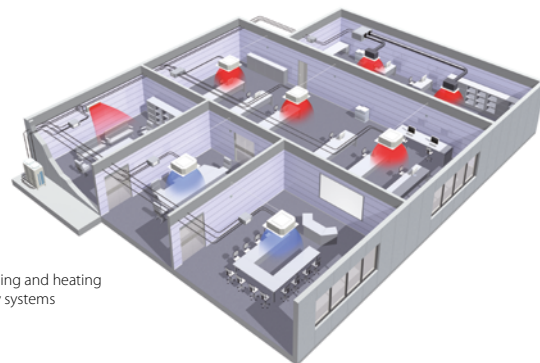
Easy installation and servicing

- › Automatic testing and refrigerant charging (For VRV IV models)
 - › Easy servicing and F-gas compliance with remote refrigerant containment check
 - › VRV configurator software
 - › Compact unit design
-
- › Daikin unified REFNET piping
 - › Easy wiring
 - › Plug & play connection for VRV to Daikin Air Handling Units, the easiest solution with only one point of contact



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

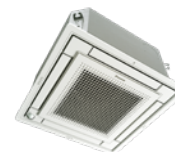


Simultaneous cooling and heating with heat recovery systems



DAIKIN emura

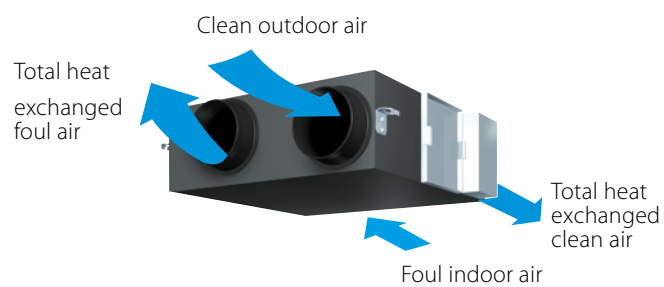
19 dB(A)



FULLY FLAT CASSETTE

25.5 dB(A)

- › CO₂ sensor in combination with Daikin ventilation (VAM, VKM, Modular L Smart) units ensures fresh air, while preventing energy losses from over-ventilation











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

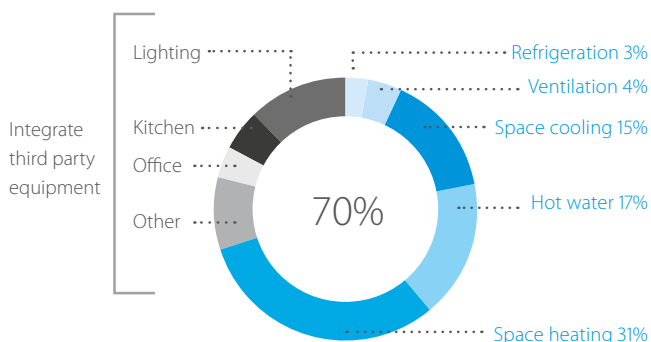
a total solution managing up to

70%

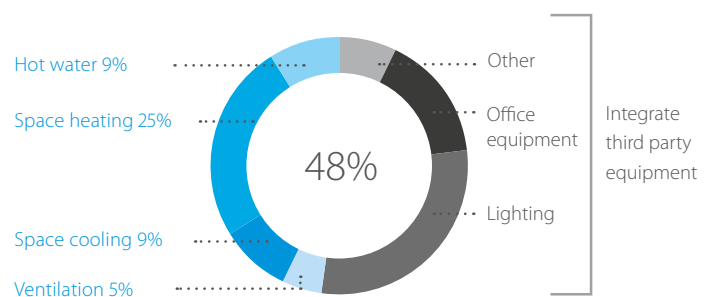
of a buildings energy consumption giving large potential to cost saving.

-  › **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"



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
Air-cooled heat recovery > Reduced CO ₂ 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 NEW & UNIQUE VRV 5 heat recovery	REYA-A 				●	●	●	●	●	●	●	●	●	●	○				○	○			
	Air-cooled heat pump > Reduced CO ₂ 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 UNIQUE VRV 5 S-series	RXYSA-AV1 / AY1 	1~	●	●	●										○			○	○			> Standard total system connection ratio limit: 50 ~ 130% > Standard total system connection ratio limit: 50 ~ 130%
		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




-10dB(A)!

Branch selector (BS box) overview

		Capacity class (kW)				
Model	Product name	4	6	8	10	12
Multi port BS box > Unique range of Branch Selector boxes integrating Shirudo Technology	BS-A14AV1B 	●	●	●	●	●

Taking care

of every room in your building

With Shirudo technology your VRV 5 system takes care of any room down to 7 m², without the need for complicated, time consuming calculations or additional field supplied measures, resulting in additional costs.

With all measures factory-integrated, VRV 5 is the most flexible and quick to design system, fully compliant to the latest product standards.

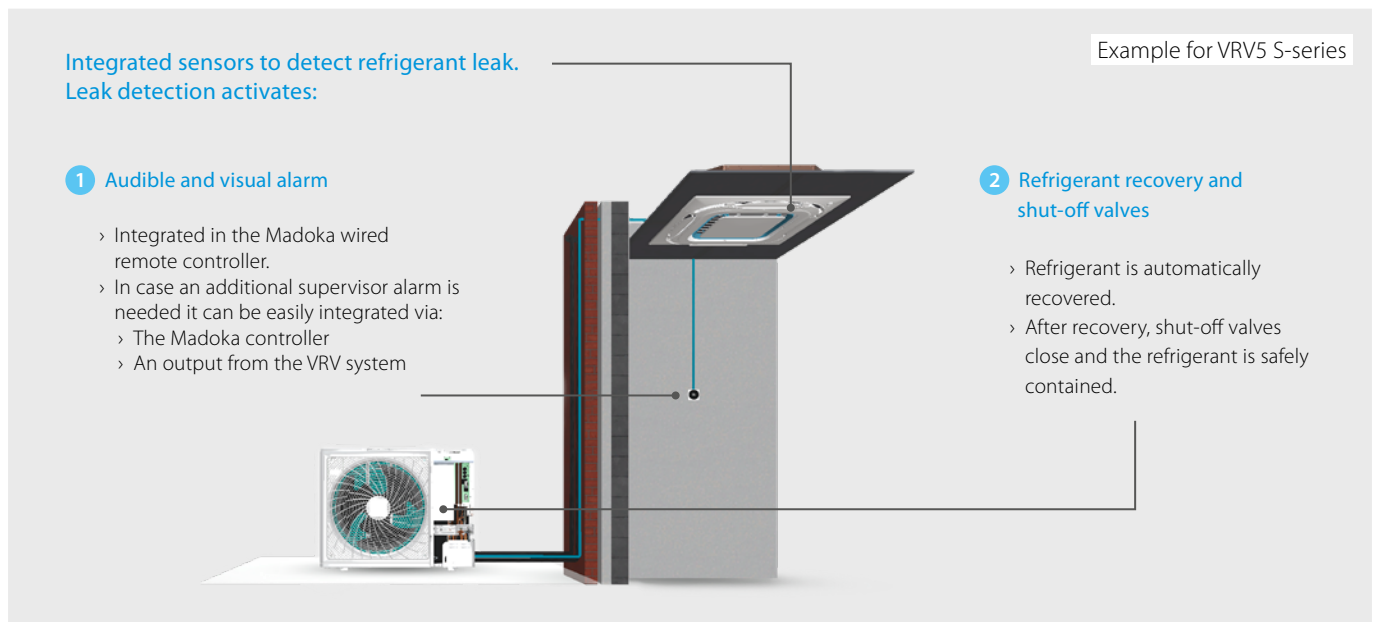


Maximum flexibility out of the box

- › Install in rooms down to 7 m² (1).
- › Flexible design as any other VRV system.
- › WebXpress selection software ensures a quick and compliant selection to the latest product standards.

All refrigerant control measures factory-integrated

Shirudo technology includes 2 factory measures and sensors built into a VRV 5 system.



Compliance taken care of

- › No study or calculations needed, where and how to install outdoor or indoor units.
- › No need for studies to decide if and what safety measures are required
- › No need for additional field supplied measures, potentially requiring annual maintenance.
- › Third party CB certified by a Notified Body (SGS CEBC).

No liability is transferred to consultant or installer side!

Automatic, real time leak detection and refrigerant containment controls

- › No leak check requirement for majority of VRV 5 S-series installations (up to 7,4 kg of refrigerant charge) according to Fgas (EN517:2014).
- › Fully compliant to product standard (IEC60335-2-40), reducing the risk of direct CO₂ eq. impact from a refrigerant leak.
- › CReal time leak detection sensors, triggering refrigerant containment measures and safeties, in the unlikely event of a leakage.

Check here how flexible the VRV 5 is!



Scan or click



Purpose-built to support the decarbonisation of commercial buildings

VRV 5
BLUEVOLUTION



Meet our sustainability hero!

Launching the VRV 5 heat recovery – REYA-A

Greatly reducing the CO₂ footprint of buildings

- › Lower GWP R-32 refrigerant
- › Market-leading, real life seasonal efficiency
- › Highly efficient 3-pipe heat recovery

Maximum design flexibility

- › Installation in rooms down to 10 m² without any additional measures thanks to **Shirudo technology**
- › Easy to select thanks to VRV Xpress floorplan support
- › Completely redesigned BSSV boxes for faster installation and easier servicing

Market-leading portfolio

- › Widest range of dedicated R-32 VRV outdoor and indoor units in the market!
- › Control IAQ with integration of ventilation units

Advantages of 3-pipe technology

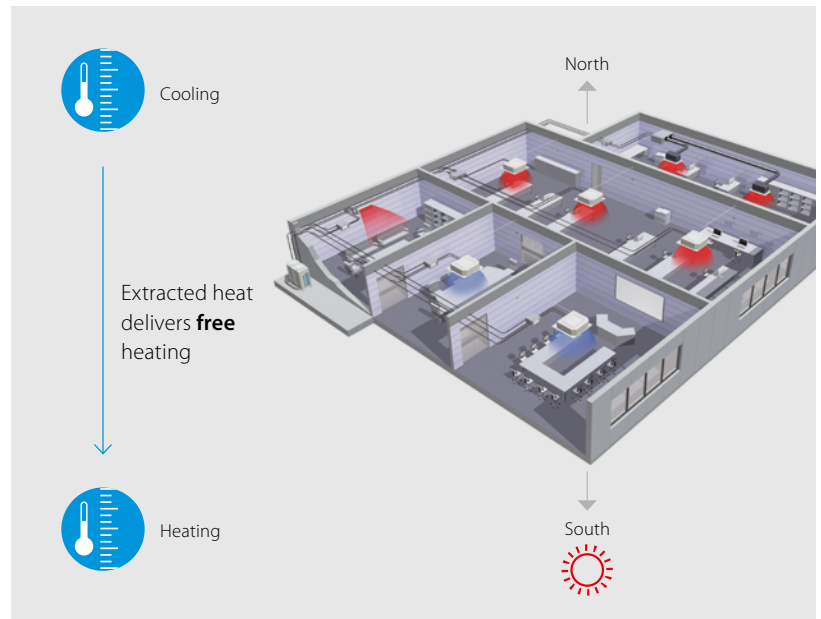
“Free” heat production

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

Maximum comfort

A VRV heat recovery system allows simultaneous cooling and heating.

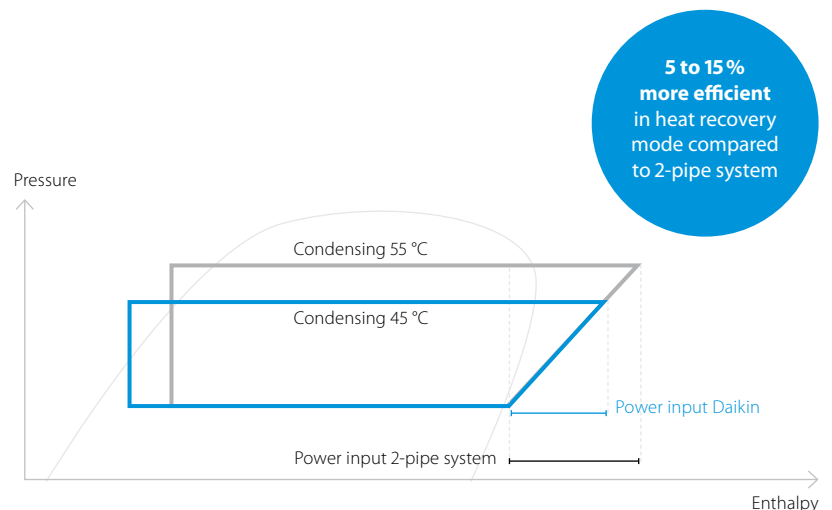
- › For hotel owners, this means a perfect environment for guests as they can freely choose between cooling or heating.
- › For offices, it means a perfect working indoor climate for both north and south-facing offices.



More “free” heat

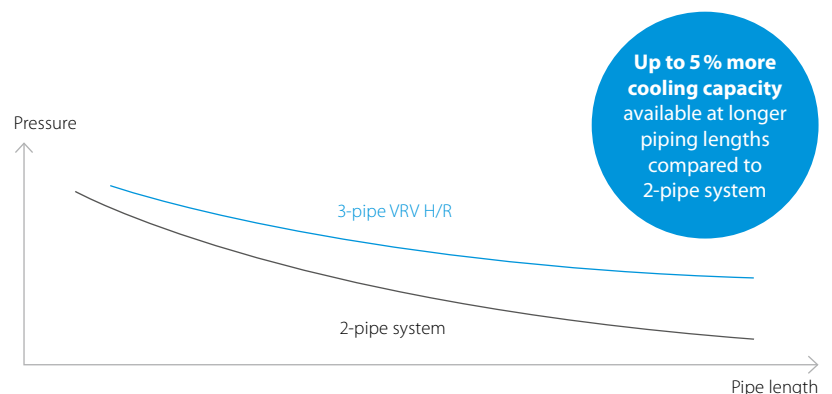
Daikin 3-pipe technology needs less energy to recover heat, meaning significantly higher efficiency during heat recovery mode. Our system can recover heat at a low condensing temperature because it has dedicated gas, liquid and discharge pipes.

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

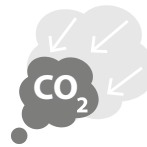
- › Smooth refrigerant flow in 3-pipe system thanks to 2 smaller gas pipes results in higher energy efficiency
- › Disturbed refrigerant flow in large gas pipe on 2-pipe system results in bigger pressure drop



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
- › Top 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
- › The perfect personal comfort for guests/tenants via simultaneous cooling and heating



Reduced CO₂ equivalent



Flexibility to take care of every room



Already fully compliant to LOT 21 - Tier 2

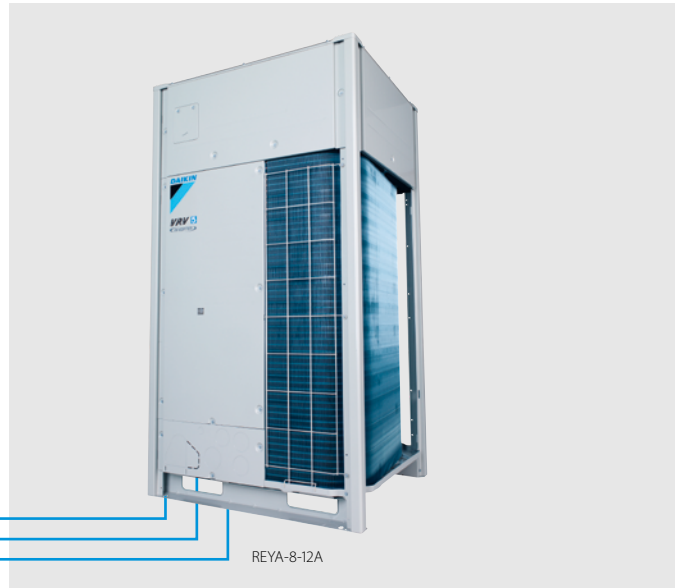
Published data with real-life indoor units

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



REYA-A

Outdoor unit		REYA	8A	10A	12A	14A	16A	18A	20A	
Capacity range		HP	8	10	12	14	16	18	20	
Recommended combination			4 x FXSA50A2VEB	4 x FXSA63A2VEB	6 x FXSA50A2VEB	1 x FXSA50A2VEB + 5 x FXSA63A2VEB	4 x FXSA63A2VEB + 2 x FXSA80A2VEB	3 x FXSA50A2VEB + 5 x FXSA63A2VEB	2 x FXSA50A2VEB + 6 x FXSA63A2VEB	
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	
ηs,c		%	279.6%	271.7%	273.2%	298.3%	277.4%	274.8%	259.6%	
ηs,h		%	161.1%	170.4%	170.9%	162.2%	162.1%	170.0%	161.4%	
SEER			7.1	6.9		7.5	7.0	6.9	6.6	
SCOP			4.1	4.3		4.1		4.3	4.1	
Maximum number of connectable indoor units			64							
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			mm				
			1,685x930x765			1,685x1,240x765				
Weight	Unit		kg			kg		kg		
			230			314		317		
Sound power level	Cooling	Nom.	dBA	78.3	78.8	82.5	78.7	83.7	83.4	87.9
	Heating	Prated h	dBA	79.4	80.7	83.3	82.9	86.3	85.1	89.6
Sound pressure level	Cooling	Nom.	dBA	56.3	58.0	60.8	56.1	60.8	63.0	67.0
Operation range	Cooling	Min.~Max.	°CDB	-5.0~46.0						
	Heating	Min.~Max.	°CWB	-20.0~15.5						
Refrigerant	Type/GWP		R32 / 635							
	Charge	kg/TCO2Eq	9.0			10.6				
Piping connections	Liquid	OD	mm	9.52		12.7				
	Gas	OD	mm	19.1		22.2		28.6		
	HP/LP gas	OD	mm	15.9		19.1		22.2		
	Total piping length	System Actual	m	1000						
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415							
Current - 50Hz	Maximum fuse amps (MFA)	A	-							



Completely redesigned BSSV boxes for faster installation and easier servicing (see page 466)



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		REMA5A			REYA8A			REYA10A	REYA8A	REYA12A		
	Outdoor unit module 2		REMA5A	REYA8A		REYA10A	REYA12A		REYA16A	REYA14A	REYA16A		
Capacity range	HP		10	13	16	18	20	22	24	26	28		
Recommended combination			-										
Cooling capacity	Prated,c	kW	28	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5		
Heating capacity	Prated,h	kW	28	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		
ηs,c			-										
ηs,h			-										
SEER			-										
SCOP			-										
Maximum number of connectable indoor units			64										
Indoor index connection	Min.		125.0	163.0	200.0	225.0	250.0	275.0	300.0	325.0	350.0		
	Max.		325.0	423.0	520.0	585.0	650.0	715.0	780.0	845.0	910.0		
Piping connections	Liquid	OD	mm	9.52									
	Gas	OD	mm	19.1	22.2			12.7			28.6		
	HP/LP gas	OD	mm	15.9	19.1		22.2			22.2			
	Total piping length	System Actual	m	1000									
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415									
Current - 50Hz	Maximum fuse amps (MFA)		A	-									
Outdoor unit module			REMA	5A									
Dimensions	Unit	HeightxWidthxDepth	mm	1,685x930x765									
Weight	Unit		kg	230									
Sound power level	Cooling	Nom.	dBA	78.3									
	Heating	Prated h	dBA	79.4									
Sound pressure level	Cooling	Nom.	dBA	56.3									
Operation range	Cooling	Min.~Max.	°CDB	-5.0~46.0									
	Heating	Min.~Max.	°CWB	-20.0~15.5									
Refrigerant	Type/GWP			R32 / 635									
	Charge		kg/TCO2Eq	9.0									
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415									
Current - 50Hz	Maximum fuse amps (MFA)		A	-									

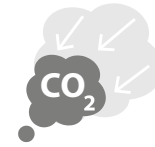
Actual number of connectable indoor units depends on the indoor unit type and the connection ratio restriction for the system (50% ≤ CR ≤ 120%) | Contains fluorinated greenhouse gases | * EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway,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

*Note: blue cells contain preliminary data

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

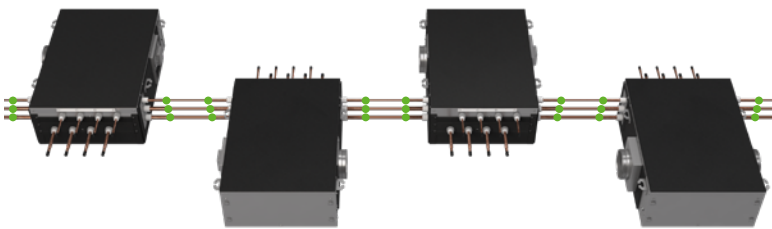


Flexibility to take care
of every room

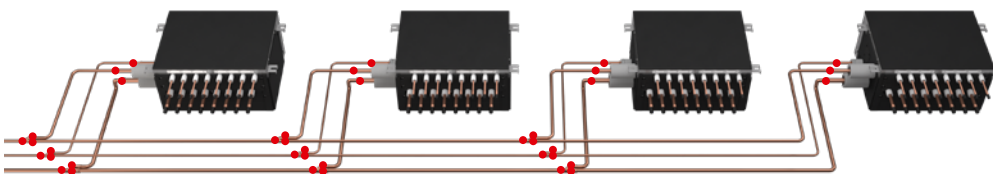
Completely redesigned for faster installation and easier servicing

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

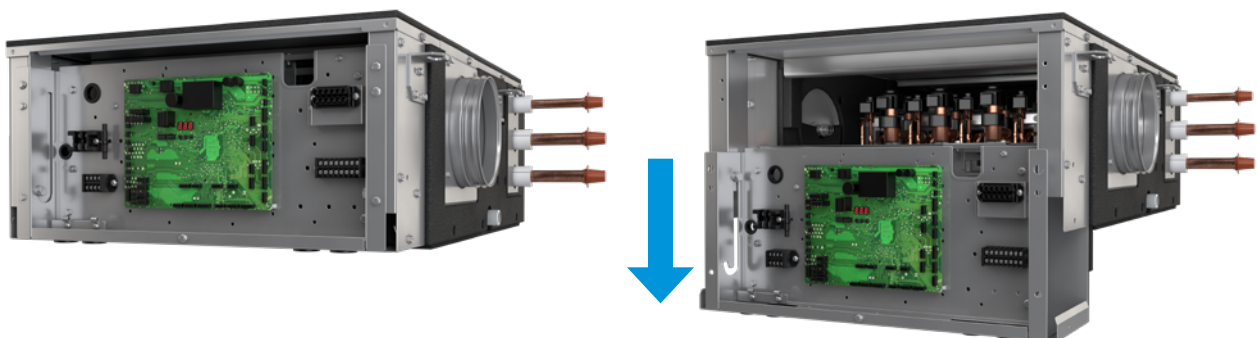
VRV 5: only 24 brazings point and no joint kits!



VRV 5: 39 brazing points and 3 joint kits!



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



(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** 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



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	275x600x843	275x1,000x843		275x1,400x843
Weight	Unit		kg	40	60	65	85
Casing	Material			Galvanised steel plate			
Piping connections	Outdoor unit	Liquid	OD	mm	15.9 (2)		
		Gas	OD	mm	22.2 (2)		
		Discharge gas	OD	mm	22.2 (2)		
	Indoor unit	Liquid	OD	mm	6.4 / 9.52 (3)		
		Gas	OD	mm	9.52 / 12.7 (3) / 15.9 (3)		
Drain				VP20 (I.D. 20/O.D. 26)			
Sound absorbing thermal insulation				Urethane foam, polyethylene foam			
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 pipes will be added to allow connection of all possible piping diameters according to piping rules | (3) Can be used by cutting pipes

*Note: blue cells contain preliminary data

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!

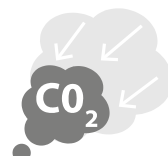
Lower CO₂ equivalents and market-leading versatility

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

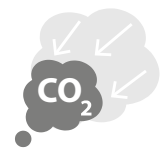
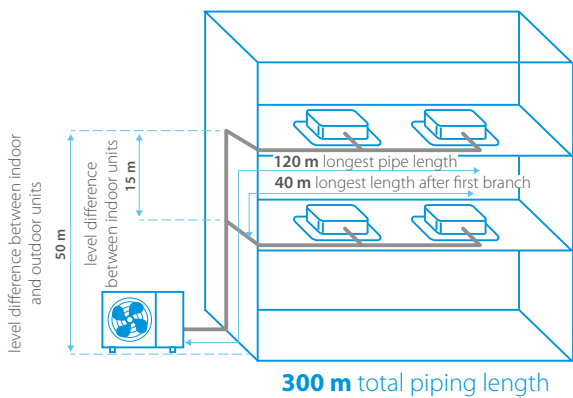
VRV 5 S-series

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



Only **869mm** high!



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.



RXYS-AV1



RXYS-AY1









Outdoor unit		RXYS/RXYS	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			3 x FXSA25A2VEB + 1 x FXSA32A2VEB	4 x FXSA32A2VEB	2 x FXSA32A2VEB + 2 x FXSA40A2VEB	3 x FXSA25A2VEB + 1 x FXSA32A2VEB	4 x FXSA32A2VEB	2 x FXSA32A2VEB + 2 x 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	HeightxWidthxDpeth	mm							
			869x1,100x460							
Weight	Unit		kg							
			102							
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	
Operation range	Cooling	Min.~Max.	°CDB	-5~46						
	Heating	Min.~Max.	°CWB	-20~16						
Refrigerant	Type/GWP		R-32/675.0							
	Charge		kg/TCO2Eq							
Piping connections	Liquid	OD	mm	9.52						
	Gas	OD	mm	15.9						
	Total piping length	System	m	300						
	Height Difference	OU-IU	Outdoor unit in highest position	m	50					
			Indoor unit in highest position	m	40					
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50 /220-240			3N~/50 /380-415				
Current - 50Hz	Maximum fuse amps (MFA)	A	32			16				

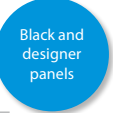
(1)The actual number of units depends on the connection ratio (CR) and the restrictions for the system.



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 	FXFA-A			●	●	●	●	●	●		●	●	●				
	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 	FXZA-A		●	●	●	●	●	●									
Concealed ceiling	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 	FXDA-A	●	●	●	●	●	●	●	●								
	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 	FXSA-A		●	●	●	●	●	●	●			●	●	●	●		
	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 	FXMA-A								●	●		●	●	●		●	●
Wall mounted	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 	FXAA-A		●	●	●	●	●	●	●								
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 	FXHA-A					●		●	●			●					
	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 	FXUA-A								●		●		●				
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	FXAA-A	NEW FXHA-A	NEW 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.	○	○						
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	Air filter	Removes airborne dust particles to ensure a steady supply of clean air.	● (2)	● (2)	● (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 + auto	3 + auto	3 + auto	3 + auto	3 + auto	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 (BRP069CS1)	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)	○ (1)
	Wired remote control	Starts, stops and regulates the air conditioner.	● (3)	● (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.	●	●	●	●	●	●		

● standard, ○ optional

(1) Must be combined with Madoka wired remote controller.

(2) Pre filter

(3) BRCH52W/S/K is a required option





4-way blow ceiling suspended unit



Fully flat cassette

The most comfortable cassette
just got better



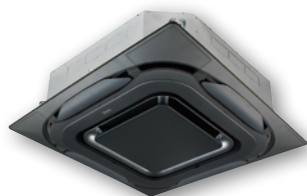
New round flow cassette



- › **Bigger louvers** and **new sensor logic** further improves equal air distribution in the room
- › **Widest ever choice in panels** for cassette units, with up to 8 different panels



Black auto cleaning panel



Black designer panel

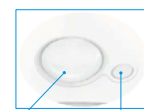


Full white standard panel



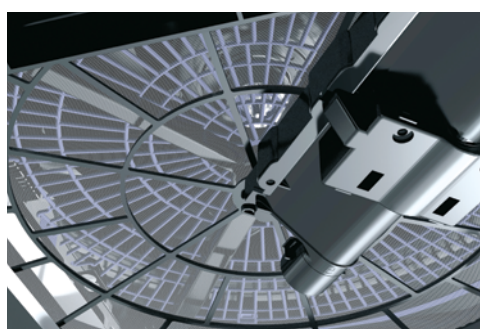
White designer panel

- › Comes with the known benefits: **360° air flow discharge** and **intelligent sensors**



presence sensor floor sensor

- › **Auto cleaning** panels available in black and white



Auto cleaning filter

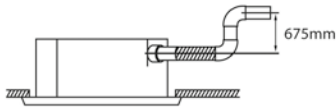
Dust can simply be removed using a vacuum cleaner without opening the unit.

* Available as an option

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
- › Optional fresh air intake
- › 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		FXFA	20A	25A	32A	40A	50A	63A	80A	100A	125A	
Cooling capacity	Total capacity		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		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		kW		0.017		0.018	0.023	0.028	0.045	0.078	0.103
	Heating		kW		0.017		0.018	0.023	0.028	0.045	0.078	0.103
Dimensions	Unit		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					Standard panels: 5.5 / Auto cleaning panels: 10.3 / Designer panels: 6.5			
Fan	Air flow rate - 50Hz	Cooling	H/MH/M/ML/L	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	H/MH/M/ML/L	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			Resin net								
Sound power level	Cooling	At high fan speed	dBA	49.0 (4)			51.0 (4)		53.0 (4)	55.0 (4)	60.0 (4)	61.0 (4)
	Sound pressure level	H/MH/M/ML/L	dBA	31.0/30.0/29.0/29.5/28.0 (4)			33.0/32.0/31.0/30.0/29.0 (4)		35.0/34.0/33.0/32.0/30.0 (4)	38.0/36.0/34.0/32.0/30.0 (4)	43.0/41.0/37.0/34.0/30.0 (4)	45.0/43.0/41.0/39.0/36.0 (4)
	Heating	H/MH/M/ML/L	dBA	31.0/30.0/29.0/29.5/28.0 (4)			33.0/32.0/31.0/30.0/29.0 (4)		35.0/34.0/33.0/32.0/30.0 (4)	38.0/36.0/34.0/32.0/30.0 (4)	43.0/41.0/37.0/34.0/30.0 (4)	45.0/43.0/41.0/39.0/36.0 (4)
	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 (2)								
	Wired remote control			BRC1H52W/S/K								

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing | (2) Must be combined with Madoka wired remote controller. | (3) L/ML/M/MH/H are the different fan speeds available. L= low; ML= medium low; M= medium; MH= medium high; H= high | (4) Sound of designer panel: +3dB | 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*).

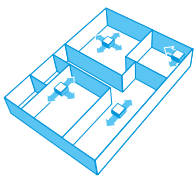
Benefits for the end user

- › 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.

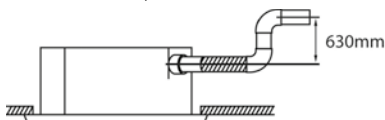
Fully flat cassette

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
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	260 x575 x575					
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	46 x620 x620					
	Weight			kg	2.8					
Decoration panel 2	Model	BYFQ60C4W1S								
	Colour	SILVER								
	Dimensions	HeightxWidthxDepth		mm	46 x620 x620					
	Weight			kg	2.8					
Decoration panel 3	Model	BYFQ60B3W1 + wire harness EKRS23								
	Colour	WHITE (RAL9010)								
	Dimensions	HeightxWidthxDepth		mm	55 x700 x700					
	Weight			kg	2.7					
Fan	Air flow rate - 50Hz	Cooling	At high/medium/low fan speed	m³/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	m³/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
	Sound pressure level	Cooling	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
Refrigerant	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
	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* feature | Contains fluorinated greenhouse gases

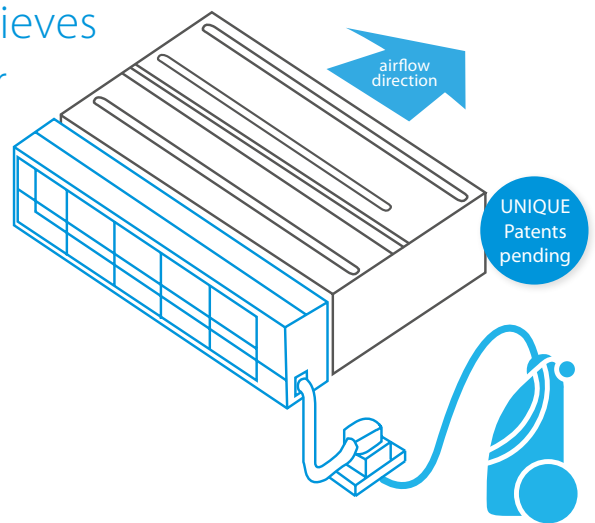
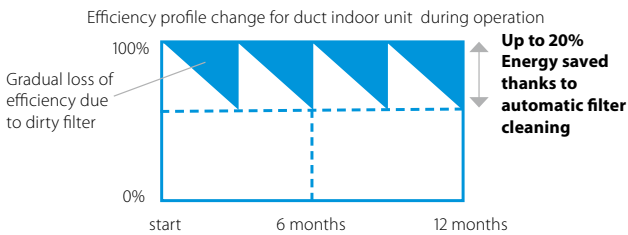
Auto cleaning filter for concealed ceiling units



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

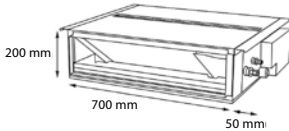
	BAE20A62	BAE20A82	BAE20A102
Height (mm)	210		
Width (mm)	830	1,030	1,230
Depth (mm)	188		

Slim concealed ceiling unit

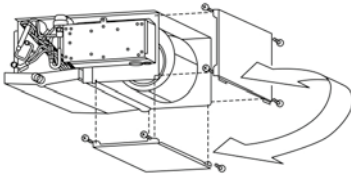
Slim design for flexible installation

- > Optimised design for R-32 refrigerant
- > 10 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

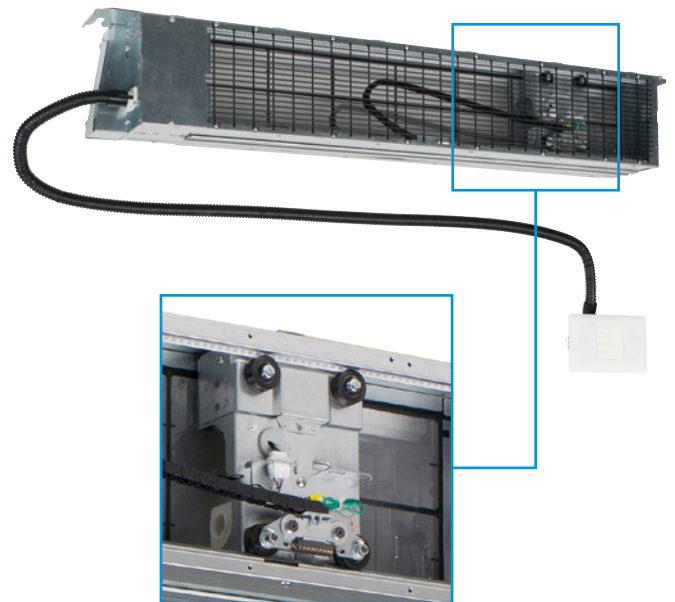
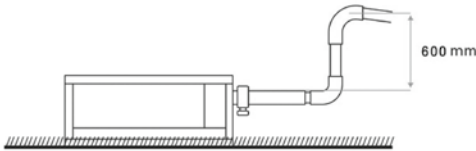
SERIE A (15, 20, 25, 32)



- > 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



Auto cleaning filter option

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



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	8.00		
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	HeightxWidthxDepth	mm	200x750x620					200x950x620		200x1,150x620			
Weight	Unit			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		dBA	48	50	51		52	53	54			
		At high/medium/low fan speed	dBA	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				
Sound pressure level	Heating	At high/medium/low fan speed		dBA	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	6.35										
	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		BRC4C65 / BRC4C66 (1)											
	Wired remote control		BRC1H52W/S/K											

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

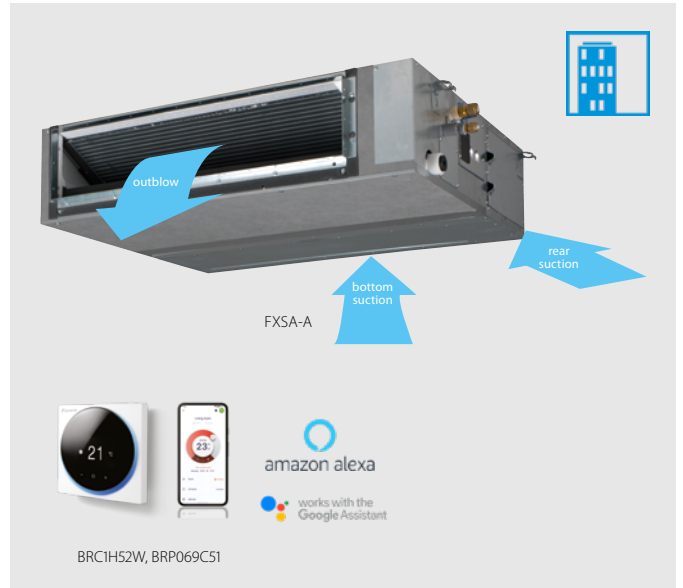
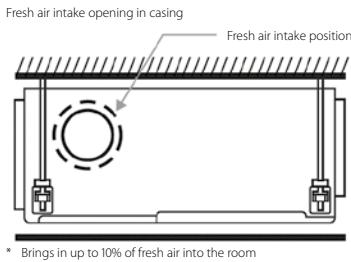
Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

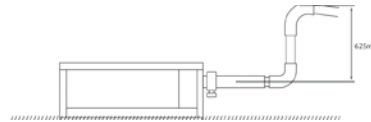
- Optimised design for R-32 refrigerant
- Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge



- 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



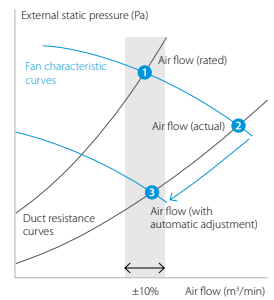
Automatic Airflow Adjustment function

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	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	10.00	12.50	16.00	18.00
Power input - 50Hz	Cooling	At high fan speed	kW	0.046		0.049		0.094	0.096	0.106	0.143	0.176	0.216	0.272
	Heating	At high fan speed	kW	0.046		0.049		0.094	0.096	0.106	0.143	0.176	0.216	0.272
Dimensions	Unit	HeightxWidthxDepth	mm	245x550x800				245x700x800		245x1,000x800		245x1,400x800		245x1,550x800
Weight	Unit		kg	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	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
		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	42.5/34.0/28.0
	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	dBA	54		55		60	59	61		64		
Sound pressure level	Cooling	At high/medium/low fan speed	dBA	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
	Heating	At high/medium/low fan speed	dBA	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-32/675.0											
Piping connections	Liquid	OD	mm	6.35				9.52			15.90			
	Gas	OD	mm	9.52		12.70								
	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											

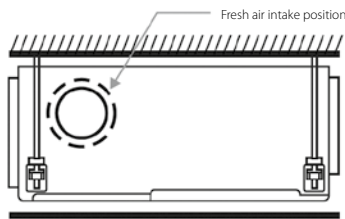
(1) Must be combined with Madoka wired remote controller | Contains fluorinated greenhouse gases

Concealed ceiling unit with high ESP

Ideal for large sized spaces ESP up to 270 Pa

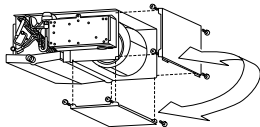
- › Optimised for R-32 refrigerant
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › High external static pressure up to 270Pa facilitates extensive duct and grille network
- › Discretely concealed in the wall: only the suction and discharge grilles 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

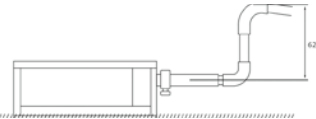


* Brings in up to 10% of fresh air into the room

- › 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)



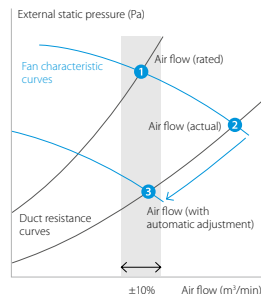
- › High external static pressure up to 270Pa facilitates extensive duct and grille network
- › Large capacity unit: up to 31.5 kW heating capacity

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.



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	
Heating capacity	Total capacity At high fan speed	kW	6.3	8.0	10.0	12.5	16.0	25.0	31.5	
Power input - 50Hz	Cooling At high fan speed	kW	0.121	0.132	0.198	0.214	0.254	0.895	1.185	
	Heating At high fan speed	kW								
Required ceiling void >		mm	350			350		-		
Dimensions	Unit HeightxWidthxDepth	mm	300x1,000x700			300x1,400x700		470x1,380x1,100		
Weight	Unit	kg	35			46		132		
Fan	Air flow rate - 50Hz	Cooling H/M/L fan speed m ³ /min	18.0/16.5/15.0	19.5/17.5/16.0	25.0/22.5/20.0	32.0/27.5/23.0	36/30/26	58/-/50	72/-/62	
		Heating H/M/L fan speed m ³ /min				-/-/-				
		External static pressure - 50Hz	Factory set / High	100/200			160/270		170/270	
Air filter	Type		Resin net						-	
Sound power level	Cooling H/M/L fan speed	dBA	61.0/-/-	64.0/-/-	67.0/-/-	65.0/-/-	70.0/-/-	75	76	
	Heating H/M/L fan speed	dBA	41.0/-/37.0	42.0/-/38.0	43.0/-/39.0	44.0/-/40.0	44.0/-/40.0	48/-/45	-/-/-	
Refrigerant	Type/GWP		R-32/675							
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)				PS1B			
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220						1~/50 /220-240	
Current - 50Hz	Maximum fuse amps (MFA)	A	16							
Control systems	Infrared remote control		BRC4C65							
	Wired remote control		BRC1H52W/S/K							

Contains fluorinated greenhouse gases

*Note: blue cells contain preliminary data

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

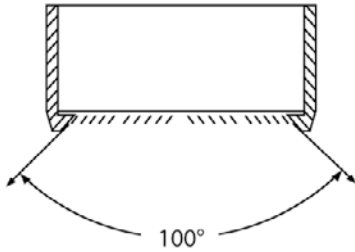
Indoor Unit				FXAA	15A	20A	25A	32A	40A	50A	63A	
Cooling capacity	Total capacity	At high fan speed		kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1	
	Heating capacity	Total capacity	At high fan speed		kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz		Cooling	At high fan speed		kW	0.017	0.019	0.028	0.030	0.025	0.033	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		dBA	51.0	52.0	53.0	55.0		58.0	63.0	
		At high/medium/low fan speed		dBA	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	Heating	At high/medium/low fan speed		dBA	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							
	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

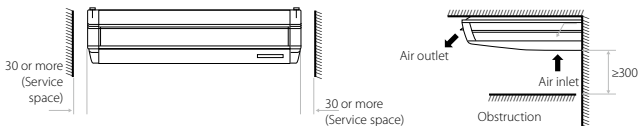
Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

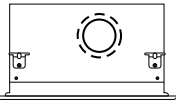
- › Optimised for R-32 refrigerant
- › Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle



- › 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 and there are no air intake grilles visible



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



FXHA-A

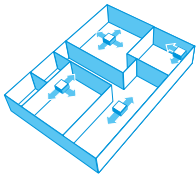
				NEW capacity range				
Indoor Unit		FXHA	32A	50A	63A	100A		
Cooling capacity	Total capacity	At high fan speed	kW	3.6	5.6	7.1	11.2	
	Nom.			4.0	6.3	8.0	12.5	
Heating capacity	Total capacity	At high fan speed	kW	4.0	6.3	8.0	12.5	
	Nom.			4.0	6.3	8.0	12.5	
Power input - 50Hz	Cooling	At high fan speed	kW	0.033	0.037	0.051	0.086	
	Heating	At high fan speed	kW	0.033	0.037	0.051	0.086	
Dimensions	Unit	HeightxWidthxDepth	mm	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	27.0/22.0/19.0
		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	27.0/22.0/19.0
Air filter	Type	Resin net with mold resistance						
Sound power level	Cooling	At high/medium/low fan speed	dB(A)	54.0/52.0/49.0	54.0/52.0/50.0	55.0/53.0/52.0	62.0/55.0/52.0	
	Heating	At high/medium/low fan speed	dB(A)	54.0/52.0/49.0	54.0/52.0/50.0	55.0/53.0/52.0	62.0/55.0/52.0	
Sound pressure level	Cooling	At high/medium/low fan speed	dB(A)	36.0/34.0/31.0	36.5/34.5/33.0	37.0/35.0/34.0	44.0/37.0/34.0	
	Heating	At high/medium/low fan speed	dB(A)	36.0/34.0/31.0	36.5/34.5/33.0	37.0/35.0/34.0	44.0/37.0/34.0	
Refrigerant	Type/GWP	R-32/675						
Piping connections	Liquid	OD	mm	6.4		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

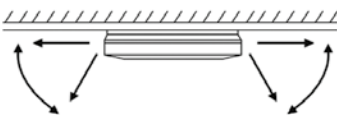
4-way blow ceiling suspended unit

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

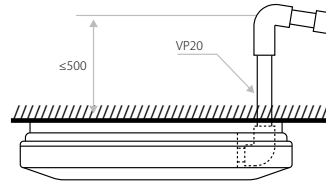
- › Optimised for R-32 refrigerant
- › Even rooms with ceilings up to 3.5m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects
- › Individual flap control: flexibility to suit every room layout without changing the location 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.



				NEW capacity range								
Indoor Unit		FXUA		50A		71A		100A				
Cooling capacity	Total capacity	At high fan speed		kW		5.6		8.0		11.2		
Heating capacity	Total capacity	At high fan speed		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	HeightxWidthxDepth		mm		198x950x950						
Weight	Unit			kg		27				28		
Casing	Material				Resin							
Fan	Type				Turbo fan							
	Quantity				1							
	Air flow rate - 50Hz	Cooling	At high/medium/low fan speed		m³/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		m³/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		dBA		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		dBA		55.0/53.0/51.0		58.0/56.0/54.0		65.0/62.0/58.0		
Sound pressure level	Cooling	At high/medium/low fan speed		dBA		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		dBA		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		6.4				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



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 <i>Best efficiency & comfort solution</i> VRV IV heat recovery > 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 				●	●	●			●	●	●	●						
	Daikin's optimum solution with top comfort > 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 				●	●	●			●	●	●	●						
	Daikin's solution for comfort & low energy consumption > 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 				●	●	●			●	●	●	●						
Air cooled - heat pump	The most compact VRV > 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 	●	●	●															
	UNIQUE <i>Space saving solution without compromising on efficiency</i> > 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 	●	●	●															
	The invisible VRV > 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 			●	●														
VRV IV heat pump, optimised for cold climates	Where heating is priority without compromising on efficiency > 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 				●	●				●	●	●	●	●	●	●	●	●	
Replacement	Quick & quality replacement for R-22 and R-407C systems > 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 							●	●	●	●	●	●	●	●	●	●	●	
	Quick & quality replacement for R-22 and R-407C systems > 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 	●	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●
Water cooled	Ideal for high rise buildings, using water as heat source > Reduced CO ₂ 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 				●	●	●			●									●

Ranges marked with "*" are not Eurovent certified. Multi combinations are not in scope of the Eurovent certification programme (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). RXYSCQ-TV1, RXYSQ8-10-12TY1 and RQCEQ-P3 are not part of the LOOP by Daikin 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	○		○	○	○	○	○	○	> Standard total system connection ratio limit: 50 ~ 130%
													with only VRV indoor units	✓								
													with LT/HT Hydroboxes	✓		✓	✓	✓				> 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-	✓		✓	✓	✓	✓	✓		> 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-	✓				✓	✓		✓	> Total system connection ratio with AHU is 50 ~ 110%
													VRV IV* Heat Pump (RYYQ/RXYQ)	○	○	○		○	○	○	○	> Standard total system connection ratio limit: 50 ~ 130%
													with only VRV indoor units	✓								> 200% total system connection ratio possible under special circumstances
													with residential indoor units	✓	✓			✓				> 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	✓		✓		✓				> 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							✓		> Total system connection ratio with AHU is 50 ~ 110%
													Biddle air curtain CYV-DK-	✓				✓	✓		✓	
													VRV IV-S RXYSQ-/RXYSCQ-	○	○			○	○		○	> Standard total system connection ratio limit: 50 ~ 130%
													with VRV indoor units only	✓				✓	✓		✓	
													with residential indoor units only		✓							> With residential indoor: connection ratio limit: 80 ~ 130%
													VRV IV i series SB.RKXYQ	✓				✓	✓		✓	> Standard total system connection ratio limit: 50 ~ 130%
													VRV IV-C* series RXYLQ	○	○	○		○	○	○	○	> Standard total system connection ratio limit: 70 ~ 130%
													with VRV indoor units only	✓				✓			✓	
													with residential indoor units only		✓							> With residential indoor: connection ratio limit: 80 ~ 130%
													with LT hydroboxes	✓		✓		✓				> Max. 32 indoor units, contact Daikin in case of multi-module systems (> 14HP)
													AHU connection EKEXV + EKEQMCBA	✓				✓	✓		✓	> Total system connection ratio is 70~110%
													AHU connection EKEXV + EKEQFCBA	✓						✓		> With AHU only connection ratio is 90~110%
													VRV III-Q* series Replacement H/R RQCEQ	✓				✓				> Standard total system connection ratio limit: 50 ~ 130%
													VRV IV-Q Replacement H/P RXYQQ	✓				✓	✓		✓	> Standard total system connection ratio limit: 50 ~ 130%
													VRV IV-W* series Water-cooled VRV RWEYQ	○	○			○	○	○	○	> Standard total system connection ratio limit: 50 ~ 130%
													with VRV indoor units	✓			✓	✓	✓	✓	✓	
													with split indoor units	✓	✓			✓				> Only single-module systems (RWEYQ8-14T9) > Max 32 indoor units > Connection ratio: 80 ~ 130% > only in heat pump version
													with HT hydrobox	✓			✓					
													AHU connection	✓					✓			> 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 VRV IV+ HEAT RECOVERY



PARK PHI
BREAM EXCELLENT OFFICE BUILDING
WATERCOOLED VRV



VRV IV i-SERIES VRV IV HEAT PUMP
FOR INDOOR INSTALLATION

HOTEL LE PIGONNET, 8 REPLACEMENT VRV



L∞P BY DAIKIN VRV IV S-SERIES



BASTIDE ROUGE, OFFICE BUILDING, VRV IV WITH CONTINUOUS HEATING



Innovation in detail

L∞P by Daikin

Make a positive choice and reuse refrigerant to avoid more than 150,000 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



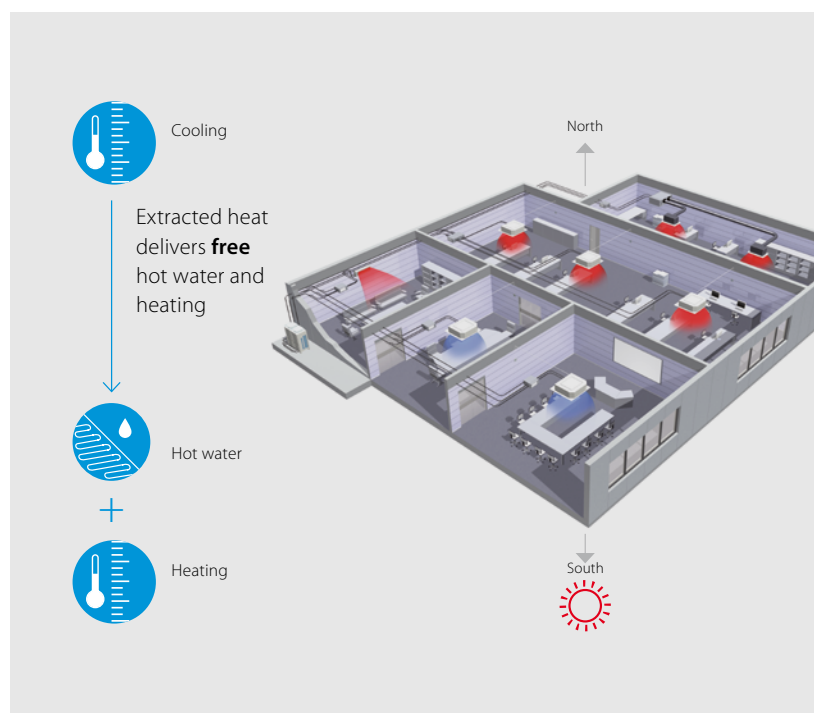
"Free" heat and hot water production

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.



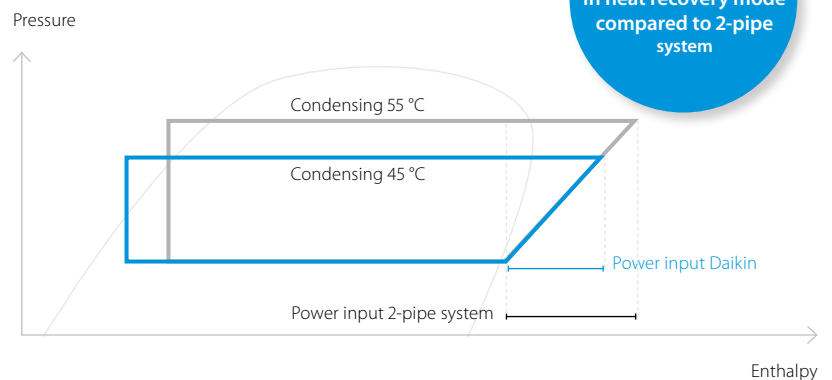
Advantages of 3-pipe technology

Efficient
3-pipe
system

More "free" heat

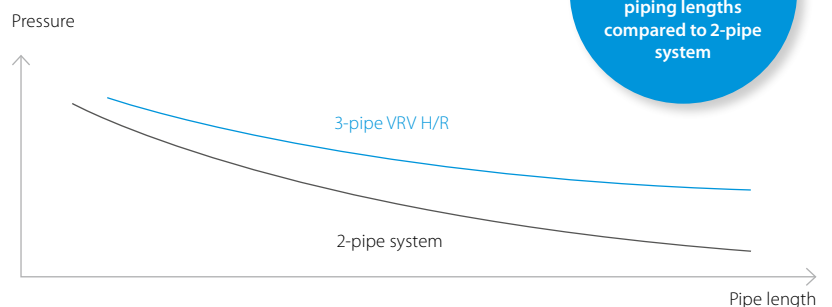
Daikin 3-pipe technology needs less energy to recover heat, meaning significantly higher efficiency during heat recovery mode. Our system can recover heat at a low condensing temperature because it has dedicated gas, liquid and discharge pipes.

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.



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



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



BYDAIKIN

For units made and sold in Europe*



Already fully compliant to LOT 21 - Tier 2

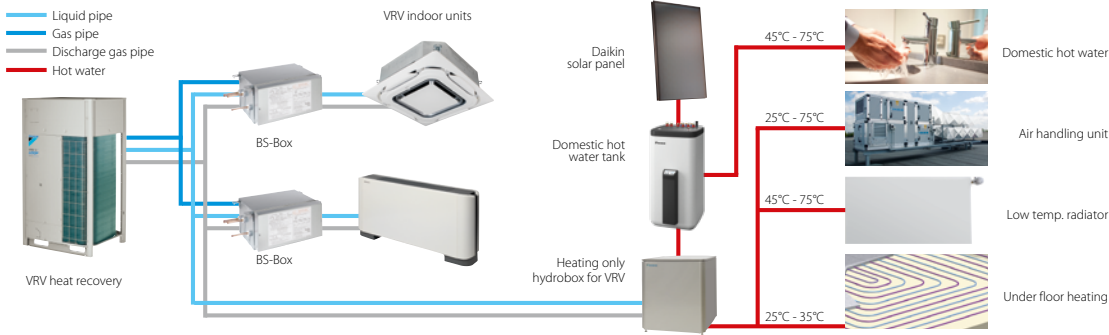
Published data with real-life indoor units

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			4 x FXFQ50AVEB	4 x FXFQ63AVEB	6 x FXFQ50AVEB	1 x FXFQ50AVEB + 5 x FXFQ63AVEB	4 x FXFQ63AVEB + 2 x FXFQ80AVEB	3 x FXFQ50AVEB + 5 x FXFQ63AVEB	2 x FXFQ50AVEB + 6 x 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	
	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	230			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	9.5		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 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		REYQ	10U	13U	16U	18U	20U	22U	24U	26U	28U	30U	32U
System	Outdoor unit module 1		REMQ5U		REYQ8U		REYQ10U		REYQ8U	REYQ12U		REYQ16U	
	Outdoor unit module 2		REMQ5U	REYQ8U		REYQ10U	REYQ12U		REYQ16U	REYQ14U	REYQ16U	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			4 x FXFQ63AVEB	3 x FXFQ50AVEB + 3 x FXFQ63AVEB	4 x FXFQ63AVEB + 2 x FXFQ80AVEB	4 x FXFQ50AVEB + 4 x FXFQ63AVEB	10 x FXFQ50AVEB	6 x FXFQ50AVEB + 4 x FXFQ63AVEB	4 x FXFQ50AVEB + 4 x FXFQ63AVEB + 2 x FXFQ80AVEB	7 x FXFQ50AVEB + 5 x FXFQ63AVEB	6 x FXFQ50AVEB + 4 x FXFQ63AVEB + 2 x FXFQ80AVEB	9 x FXFQ50AVEB + 5 x FXFQ63AVEB	8 x FXFQ63AVEB + 4 x 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
	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	9.5	12.7		15.9						
	Gas	OD	mm	22.2	28.6						34.9		
	HP/LP gas	OD	mm	19.1	22.2		28.6						
	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			80		



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



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		REYQ18U		
	Outdoor unit module 3		-		REYQ18U		REYQ16U		REYQ16U		REYQ18U		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	97.0	106.3	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 + 2x FXFQ30AVEB + 9x FXFQ63AVEB + 2x FXFQ80AVEB		2x FXFQ50AVEB + 10x FXFQ63AVEB + 2x FXFQ80AVEB		6x FXFQ50AVEB + 9x FXFQ63AVEB + 9x FXFQ80AVEB		12x FXFQ63AVEB + 4x FXFQ80AVEB		6x FXFQ50AVEB + 1x FXFQ50AVEB + 12x FXFQ63AVEB + 6x FXFQ80AVEB		3x FXFQ50AVEB + 6x FXFQ50AVEB + 13x FXFQ63AVEB + 4x FXFQ80AVEB + 2x FXFQ80AVEB		
η _{s,c}	%		259.2	255.3	269.2	259.6	250.2	249.3	246.8	243.1	254.4	265.7	275.2		
η _{s,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		
	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	34.9		41.3										
	HP/LP gas OD	mm	28.6		34.9										
	Total piping System length	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	1,685x930 x765												
Weight	Unit	kg	230												
Fan	External static pressure	Pa	78												
Sound power level	Cooling Nom.	dBA	78.0												
	Heating Prated,h	dBA	79.6												
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												

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-bydaikin
- › 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

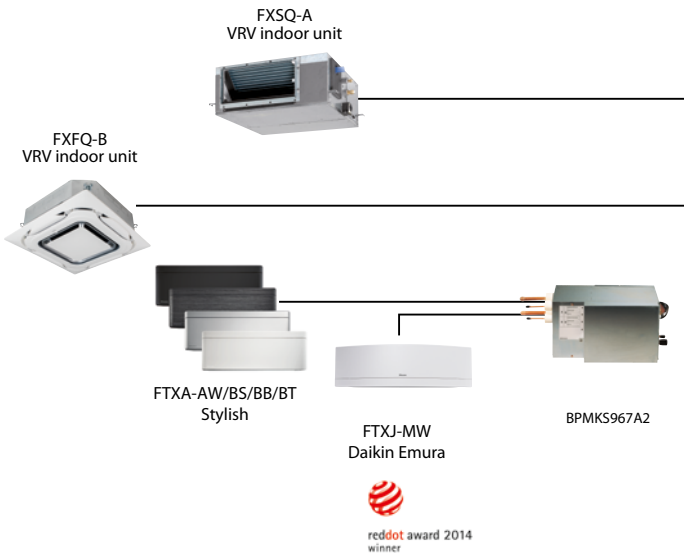


Already fully compliant to LOT 21 - Tier 2

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	
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			4 x FXFQ50AVEB	4 x FXFQ63AVEB	6 x FXFQ50AVEB	1 x FXFQ50AVEB + 5 x FXFQ63AVEB	4 x FXFQ63AVEB + 2 x FXFQ80AVEB	3 x FXFQ50AVEB + 5 x FXFQ63AVEB	2 x FXFQ50AVEB + 6 x 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			mm				
			1,685x930x765			1,685x1,240x765				
Weight	Unit		kg			319		378		
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	10.4/21.7	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		10	8	12			16		8	
	Outdoor unit module 2		12	16	14	16	18	16	18	20	10
	Outdoor unit module 3		20								
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
Heating capacity	Prated,h	kW	61.5	67.4	73.5	78.5	83.9	90.0	95.4	101.0	106.4
	Max. 6°CWB	kW	69.0	75.0	82.5	87.5	94.0	100.0	106.5	113.0	119.5
Recommended combination			6 x FXFQ50AVEB + 4 x FXFQ63AVEB	4 x FXFQ50AVEB + 4 x FXFQ63AVEB + 2 x FXFQ80AVEB	7 x FXFQ50AVEB + 5 x FXFQ63AVEB	6 x FXFQ50AVEB + 4 x FXFQ63AVEB + 2 x FXFQ80AVEB	9 x FXFQ50AVEB + 5 x FXFQ63AVEB	8 x FXFQ63AVEB + 4 x FXFQ80AVEB	3 x FXFQ50AVEB + 9 x FXFQ63AVEB + 2 x FXFQ80AVEB	2 x FXFQ50AVEB + 10 x FXFQ63AVEB + 2 x FXFQ80AVEB	6 x FXFQ50AVEB + 10 x 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
	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			41.3	
	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		



Connectable stylish indoor units

		20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS	60 CLASS	71 CLASS
Daikin Emura - Wall mounted unit	FTXJ-MW/MS	•	•	•		•		
Stylish - Wall mounted unit	FTXA-AW/BS/BB/BT	•	•	•	•	•		
Perfera wall mounted	NEW FTXM-R	•	•	•	•		•	•
Perfera floor standing	NEW FVXM-A	•	•	•		•		
Floor standing unit	FVXM-F		•	•		•		

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		10		12	14	16		18		
	Outdoor unit module 2		12	16				18			
	Outdoor unit module 3		18	16						18	
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			9 x FXFQ50AVEB + 9 x FXFQ63AVEB	12 x FXFQ63AVEB + 4 x FXFQ80AVEB	6 x FXFQ50AVEB + 8 x FXFQ63AVEB + 4 x FXFQ80AVEB	1 x FXFQ50AVEB + 13 x FXFQ63AVEB + 4 x FXFQ80AVEB	12 x FXFQ63AVEB + 6 x FXFQ80AVEB	3 x FXFQ50AVEB + 13 x FXFQ63AVEB + 4 x FXFQ80AVEB	6 x FXFQ50AVEB + 14 x FXFQ63AVEB + 2 x FXFQ80AVEB	9 x FXFQ50AVEB + 15 x 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		RVMQ	8U	10U	12U	14U	16U	18U	20U		
Dimensions	Unit HeightxWidthxDepth	mm	1,685 x930 x765				1,685 x1,240 x765				
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

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-MW/MS		•	•	•		•		
Stylish - Wall mounted unit	FTXA-AW/BS/BB/BT		•	•	•	•	•		
Perfera wall mounted	FTXM-R	•	•	•	•	•	•	•	•
Ceiling suspended unit	FHA-A(9)				•		•	•	•
Perfera floor standing	FVXM-A		•	•	•		•		
Floor standing unit	FVXM-F			•	•		•		
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			3 x FXSQ25A2VEB + 1 x FXSQ32A2VEB	4 x FXSQ32A2VEB	2 x FXSQ32A2VEB + 2 x 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				64 (1)		
Indoor index connection	Min.		50.0	62.5	70.0	
	Max.		130.0	162.5	182.0	
Dimensions	Unit	HeightxWidthxDepth	mm			
Weight	Unit		kg			
Sound power level	Cooling	Nom.	dBA	68.0	69.0	70.0
	Heating	Prated,h	dBA	69.0	70.0	71.0
Sound pressure level	Cooling	Nom.	dBA	51.0	52.0	53.0
Operation range	Cooling	Min.~Max.	°CDB	-5.0 ~46.0		
	Heating	Min.~Max.	°CWB	-20.0 ~15.5		
Refrigerant	Type/GWP		R-410A/2,087.5			
	Charge	kg/TCO2Eq	3.7/7.7			
Piping connections	Liquid	OD	mm			
	Gas	OD	15.9		19.1	
	Total piping System	Actual length	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 Certified Reclaimed Refrigerant Allocation 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



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-MW/MS		•	•	•		•	•	
Stylish - Wall mounted unit	FTXA-AW/BS/BB/BT		•	•	•	•	•		
Perfera wall mounted	NEW FTXM-R	•	•	•	•	•	•	•	•
Ceiling suspended unit	FHA-A(9)				•		•	•	•
Perfera floors tanding	NEW FVXM-A		•	•	•		•		
Floor standing unit	FVXM-F			•	•		•		
Concealed floor standing 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	kW	14.2	16.0	18.0	14.2	16.0	18.0	25.0	31.5	37.5	
Recommended combination			3 x FXSQ25A2VEB + 1 x FXSQ32A2VEB	4 x FXSQ32A2VEB	2 x FXSQ32A2VEB + 2 x FXSQ40A2VEB	3 x FXSQ25A2VEB + 1 x FXSQ32A2VEB	4 x FXSQ32A2VEB	2 x FXSQ32A2VEB + 2 x FXSQ40A2VEB	4 x FXMQ50P7VEB	4 x FXMQ63P7VEB	6 x 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	HeightxWidthxDepth	mm					mm		mm		
			1,345x900x320					1,430x940x320		1,615x940x460		
Weight	Unit		kg									
			104									
Sound power level	Cooling	Nom.	68.0	69.0	70.0	68.0	69.0	70.0	73.0	74.0	76.0	
	Heating	Prated,h	68.0	69.0	70.0	68.0	69.0	70.0	73.0	74.0	76.0	
Sound pressure level	Cooling	Nom.	50.0	51.0		50.0	51.0		55.0		57.0	
Operation range	Cooling	Min.~Max.	°CDB						°CDB			
	Heating	Min.~Max.	-5.0 ~46.0						-5.0 ~52.0			
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			mm			mm			
	Gas	OD	mm			mm			mm			
	Total piping length	System Actual	m			m			m			
			15.9	19.1	15.9	19.1	15.9	19.1	22.2	25.4		
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

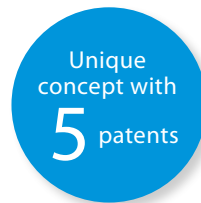
- › Completely invisible only the grilles are visible
- › Seamless integration into surrounding architecture
- › Highly suited to densely populated areas thanks to the low operation sound

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

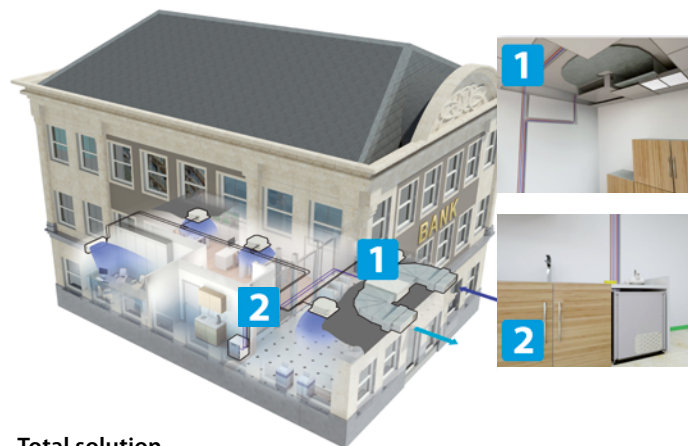
- › Patented V-shape heat exchanger for the most compact unit (400 mm high) ever
- › Connectable to all VRV indoor units
- › Provides a total solution when combined with ventilation units, Biddle air curtains and controls



Invisible



Unique outdoor unit in 2 parts



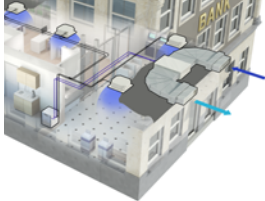
Total solution



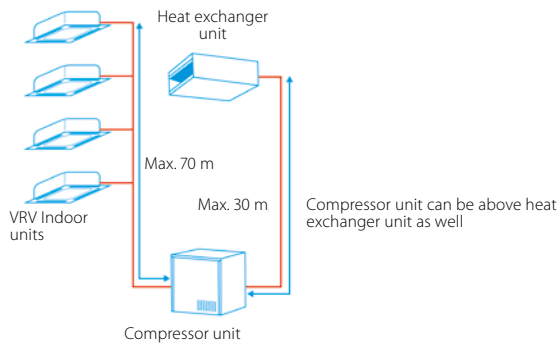
VRV IV heat pump for indoor installation

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.



- › 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



For units made and sold in Europe*



Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units



SB.RKXYQ-T



SB.RKXYQ-T8

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				4 x FXSQ32A2VEB			4 x 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			
Weight	Unit		kg	95			103			
Sound power level	Cooling	Nom.	dBA	77.0			81.0			
Sound pressure level	Cooling	Nom.	dBA	47.0			54.0			
Refrigerant	Type/GWP				R-410A/-			R-410A/2,087.5		
	Charge		kg/TCO2Eq	-/-			2.00 /4.20			
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%).



VRV IV+ heat pump, optimised for cold climates

RXYLQ-T

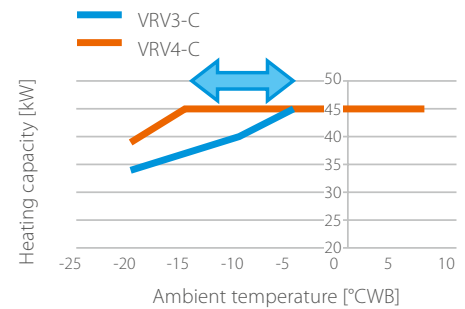


Where heating is priority without compromising on efficiency



High heating capacity at low ambient temperatures

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



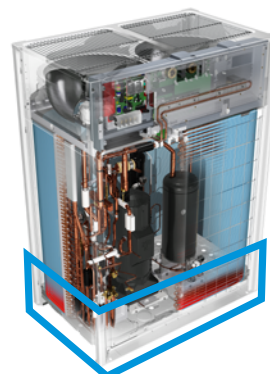
High partial load efficiency

- › 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



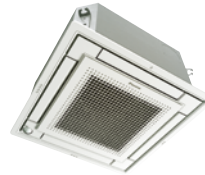
The known VRV IV standards

- Variable Refrigerant Temperature
- VRV configurator

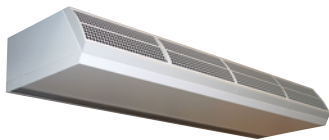
Total solution



Daikin Emura
Wall mounted unit



Fully flat cassette



Biddle air curtain



Intelligent ^{touch} Manager



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 Certified Reclaimed Refrigerant Allocation 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 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, 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



For units made and sold in Europe*

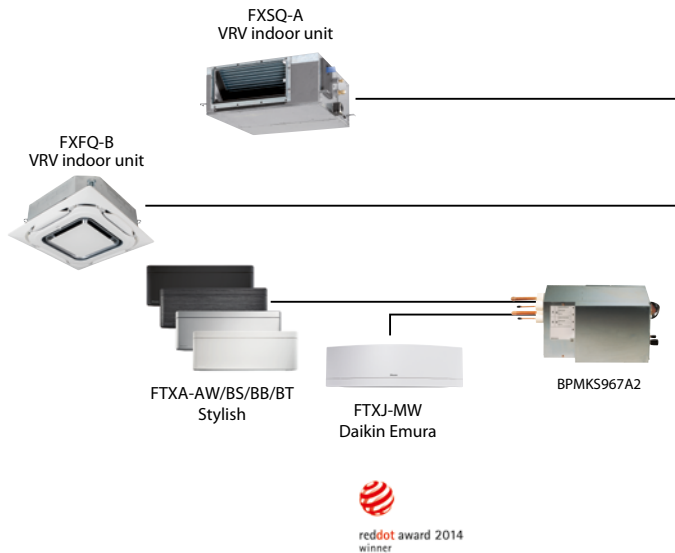


Already fully compliant to LOT 21 - Tier 2

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	28.0	33.5	40.0
	Max. 6°CWB	kW	31.5	37.5	45.0
Recommended combination			4 x FXSQ63P7VEB	6 x FXSQ50P7VEB	1 x FXSQ50P7VEB + 5 x FXSQ63P7VEB
ηs,c		%	251.40	267.00	270.20
ηs,h		%	144.20	137.00	
SEER			6.36	6.75	6.83
SCOP			3.68	3.50	
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	1,685x1,240x765		
Weight	Unit	kg	302		
Sound power level	Cooling Nom.	dBA	75	77	81
Sound pressure level	Cooling Nom.	dBA	55	56	59
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		
Piping connections	Liquid OD	mm	9.52		12.7
	Gas OD	mm	22.2		28.6
	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	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			4 x FXMQ63P7VEB + 2 x FXMQ80P7VEB	3 x FXMQ50P7VEB + 5 x FXMQ63P7VEB	2 x FXMQ50P7VEB + 6 x FXMQ63P7VEB	6 x FXMQ50P7VEB + 4 x FXMQ63P7VEB	4 x FXMQ50P7VEB + 4 x FXMQ63P7VEB + 2 x FXMQ80P7VEB	7 x FXMQ50P7VEB + 5 x FXMQ63P7VEB	6 x FXMQ50P7VEB + 4 x FXMQ63P7VEB + 2 x 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			6.62	6.47	6.36	6.65	6.93	6.84	6.83
SCOP			3.52	3.59	3.68	3.58	3.51	3.50	
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	mm	12.7		15.9			19.1	
	Gas OD	mm		28.6			34.9		
	Total piping System Actual length	m				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-MW/MS	•	•	•		•		
Stylish - Wall mounted unit	FTXA-AW/BS/BB/BT	•	•	•	•	•		
Perfera wall mounted	NEW FTXM-R	•	•	•	•	•	•	•
Perfera floor standing	NEW FVXM-A	•	•	•		•		
Floor standing unit	FVXM-F		•	•		•		

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-T	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	
	Prated,h	kW	94.5	101	107	113	120	128	135	
Heating capacity	Max.	kW	94.5	100.5	106.5	112.5	120.0	127.5	135.0	
	6°CWB									
Recommended combination		9 x FXMQ50P7VEB + 5 x FXMQ63P7VEB	8 x FXMQ63P7VEB + 4 x FXMQ80P7VEB	3 x FXMQ50P7VEB + 9 x FXMQ63P7VEB + 2 x FXMQ80P7VEB	2 x FXMQ50P7VEB + 10 x FXMQ63P7VEB + 2 x FXMQ80P7VEB	6 x FXMQ50P7VEB + 10 x FXMQ63P7VEB	9 x FXMQ50P7VEB + 9 x FXMQ63P7VEB	12 x FXMQ63P7VEB + 4 x 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	137.1	137.1		
SEER		6.36	6.55	6.74	6.93	6.86	6.83	6.83		
SCOP		3.68	3.61	3.56	3.51	3.51	3.50	3.50		
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 System Actual length	m	500							
Current - 50Hz	Maximum fuse amps (MFA)	A	80				90			
Outdoor unit module		RXMLQ-T	8T							
Dimensions	Unit HeightxWidthxDPTH	mm	1,685 x1,240 x765							
Weight	Unit	kg	302							
Fan	External static pressure	Pa	78							
Sound power level	Cooling Nom.	dB(A)	75.0							
Sound pressure level	Cooling Nom.	dB(A)	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

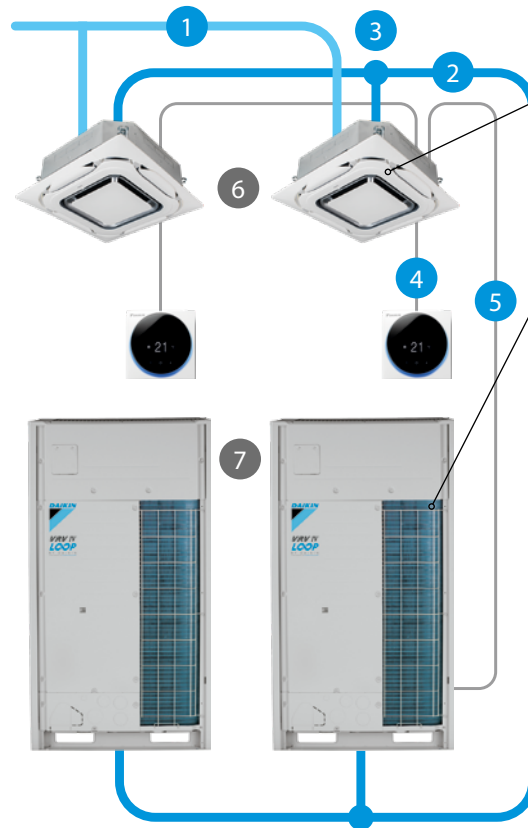
- › Shorter installation time
- › Use of existing piping and wiring
- › Reuse of materials

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)

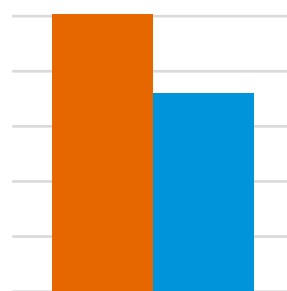


The Daikin upgrade solution:

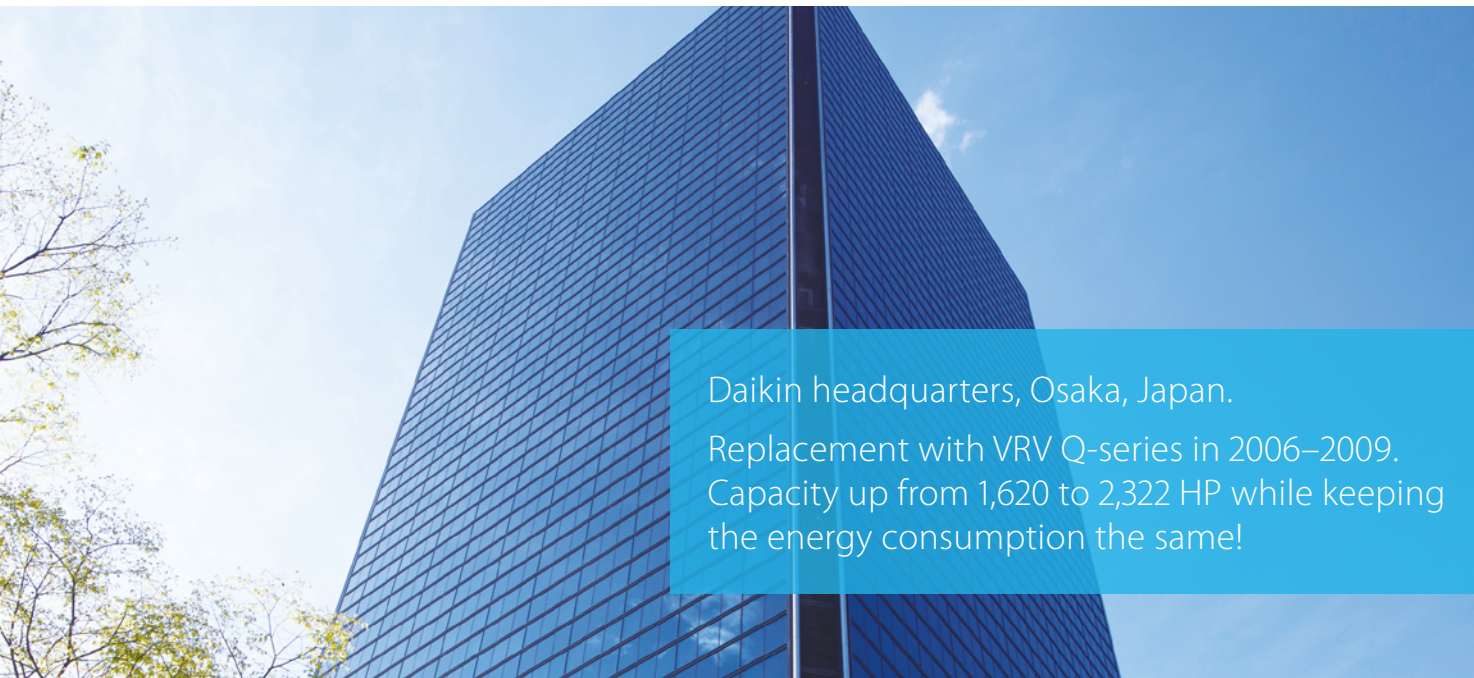
Replace indoor units (optional)

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

Replace outdoor units



∨ 31 %
(VRV II) (VRV IV)
31 % less energy used



Daikin headquarters, 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			4 x FXMQ63P7VEB	4 x FXMQ63P7VEB + 2 x FXMQ80P7VEB	4 x FXSQ32A2VEB + 8 x FXSQ40A2VEB	12 x FXSQ40A2VEB	4 x FXSQ32A2VEB + 9 x FXSQ40A2VEB + 3 x FXSQ50A2VEB	4 x FXSQ32A2VEB + 6 x FXSQ40A2VEB + 6 x FXSQ50A2VEB	7 x FXSQ40A2VEB + 9 x 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	12.70	15.90			19.10		
	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		179
Fan	Air flow rate	Cooling Nom. m ³ /min	95		110
	Type		Propeller fan		
Sound power level	Cooling Nom.	dB(A)	79		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		11.2/23.4
Power supply	Phase/Frequency/Voltage	Hz/V	3~/50 /380-415		
Current - 50Hz	Maximum fuse amps (MFA)	A	15		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			4 x FXSQ32A2VEB	4 x FXFQ50AVEB	4 x FXFQ63AVEB	6 x FXFQ50AVEB	1 x FXFQ50AVEB + 5 x FXFQ63AVEB	4 x FXFQ63AVEB + 2 x FXFQ80AVEB	3 x FXFQ50AVEB + 5 x FXFQ63AVEB	2 x FXFQ50AVEB + 6 x 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			-			-		
			95								
Sound power level	Cooling	Nom.	dBA			dBA			dBA		
	Heating	Prated, h	dBA			dBA			dBA		
			79			78.0 79.1			83.4 80.9 85.6		
Sound pressure level	Cooling	Nom.	dBA			dBA			dBA		
	Heating	Prated, h	dBA			dBA			dBA		
			-			57.0			61.0 60.0 63.0		
Operation range	Cooling	Min.~Max.	°CDB			°CDB			°CDB		
	Heating	Min.~Max.	°CWB			°CWB			°CWB		
			-5~43			-5.0~43.0			-20.0~15.5		
Refrigerant	Type/GWP		R-410A/2,0875								
	Charge	kg/TCO2Eq	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	
Piping connections	Liquid	OD	mm			mm			mm		
			9.52			12.7			15.9		
	Gas	OD	mm			mm			mm		
			15.9			19.1			22.2		
Total piping length	System	Actual	m			m			m		
			300			300			300		
Power supply	Phase/Frequency/Voltage	Hz/V	3~/50/380-415			3N~/50/380-415					
Current - 50Hz	Maximum fuse amps (MFA)	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			6 x FXFQ50AVEB + 4 x FXFQ50AVEB + 4 x FXFQ63AVEB			7 x FXFQ50AVEB + 6 x FXFQ50AVEB + 4 x FXFQ63AVEB + 2 x FXFQ80AVEB			5 x FXFQ63AVEB + 2 x FXFQ80AVEB			9 x FXFQ50AVEB + 8 x FXFQ63AVEB + 4 x 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	4.3	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		
			15.9			34.9			19.1			41.3		
	Gas	OD	mm			mm			mm			mm		
			28.6			34.9			41.3			41.3		
Total piping length	System	Actual	m			m			m			m		
			300			300			300			300		
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415											
Current - 50Hz	Maximum fuse amps (MFA)	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

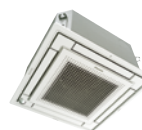
Total solution



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

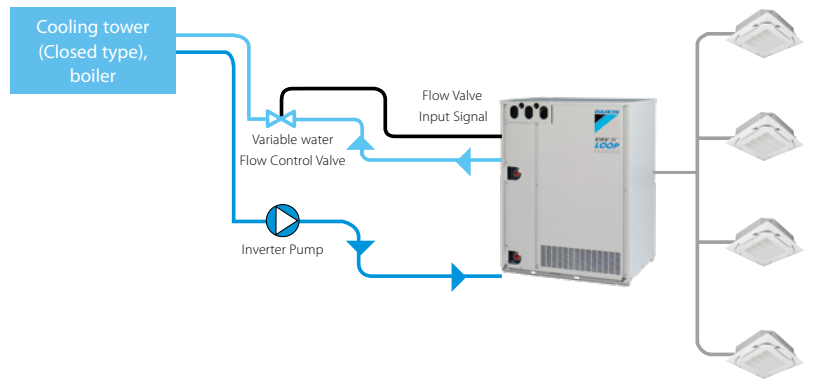
Indoor installation makes unit invisible from the outside

- › 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

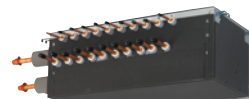
Multi port: 4 – 6 – 8 – 10 – 12 – 16



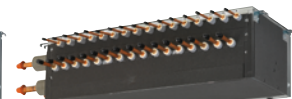
BS 4 Q14 A



BS 6, 8 Q14 A



BS 10, 12 Q14 A

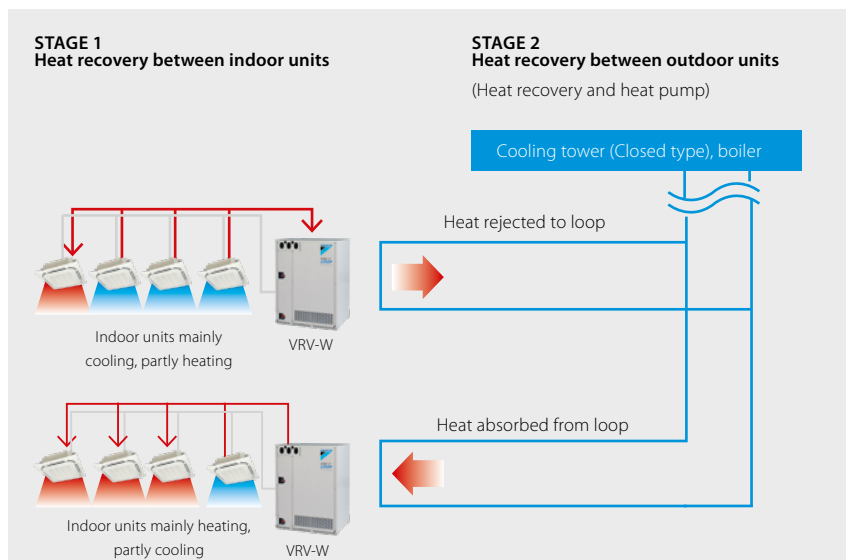


BS 16 Q14 A

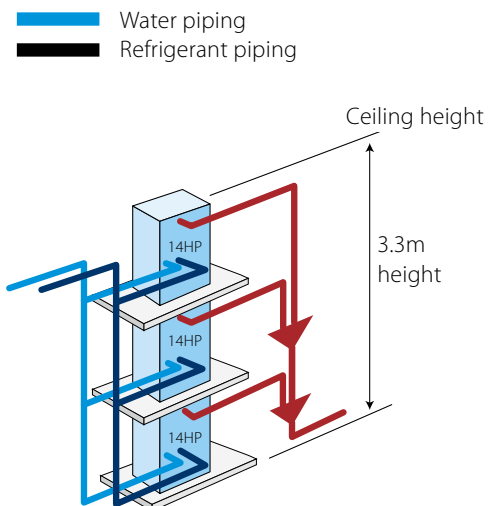
Maximum design flexibility and installation speed

- › 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

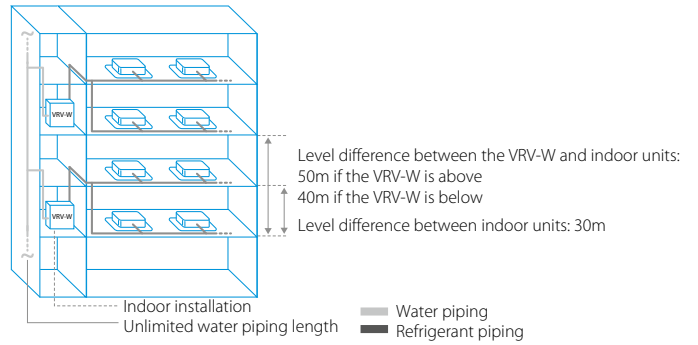


VRV IV water cooled+ series

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-MW/MS	•	•	•		•		
Stylish - Wall mounted unit	FTXA-AW/BS/BB/BT	•	•	•	•	•		
Perfera wall mounted	NEW FTXM-R	•	•	•	•	•	•	•
Perfera floor standing	NEW FVXM-A	•	•	•	•	•		
Floor standing unit	FVXM-F		•	•		•		

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

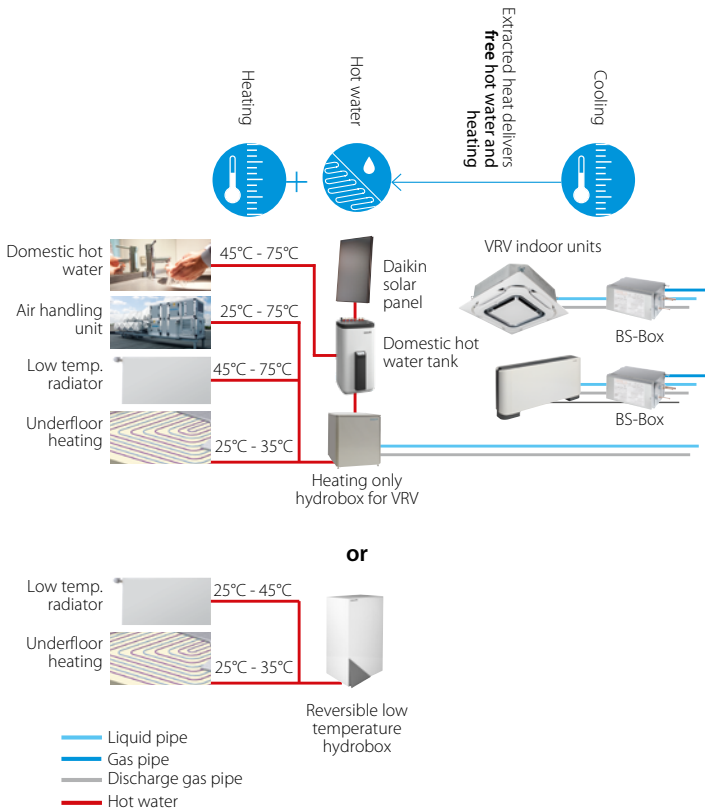
More details and final information can be found by scanning or clicking the QR codes.



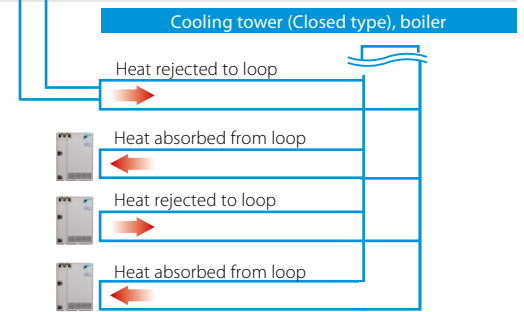
RWEYQ-T9

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			4 x FXMQ50P7VEB	4 x FXMQ63P7VEB	6 x FXMQ50P7VEB	1 x FXMQ50P7VEB + 5 x 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	RWEYQ10T	RWEYQ12T	RWEYQ12T	RWEYQ14T	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			4 x FXMQ63P7VEB + 2 x FXMQ80P7VEB	4 x FXMQ50P7VEB + 4 x FXMQ63P7VEB	8 x FXMQ63P7VEB	6 x FXMQ50P7VEB + 4 x FXMQ63P7VEB	12 x FXMQ50P7VEB	7 x FXMQ50P7VEB + 5 x FXMQ63P7VEB	2 x FXMQ50P7VEB + 10 x 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	m	500							
	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			
	Outdoor unit module 2		RWEYQ10T	RWEYQ10T	RWEYQ12T	RWEYQ12T	RWEYQ14T	RWEYQ14T		
	Outdoor unit module 3		RWEYQ10T	RWEYQ10T	RWEYQ12T	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			12 x FXMQ63P7VEB	6 x FXMQ50P7VEB + 8 x FXMQ63P7VEB	12 x FXMQ50P7VEB + 4 x FXMQ63P7VEB	18 x FXMQ50P7VEB	13 x FXMQ50P7VEB + 5 x FXMQ63P7VEB	8 x FXMQ50P7VEB + 10 x FXMQ63P7VEB	3 x FXMQ50P7VEB + 15 x 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	m	500							
	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



Individual and multi branch selector box installation

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-U, RQCEQ-P3 and RWEYQ-T9 heat recovery units



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



Indoor unit				BS	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						
Piping connections	Outdoor unit	Liquid	OD	mm	Galvanised steel plate		
		Gas	OD	mm	9.5		
		Discharge gas	OD	mm	15.9		22.2
	Indoor unit	Liquid	OD	mm	12.7		19.1
		Gas	OD	mm		9.5	
Sound absorbing thermal insulation					Foamed polyurethane Flame-resistant needle felt		
Power supply	Phase				1~		
	Frequency			Hz	50		
	Voltage			V	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-U, RQCEQ-P3 and RWEYQ-T9 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
Power input	Cooling	Nom.		kW	0.043	0.064	0.086	0.107	0.129	0.172
	Heating	Nom.		kW	0.043	0.064	0.086	0.107	0.129	0.172
Maximum number of connectable indoor units					20	30	40	50	60	64
Maximum number of connectable indoor units per branch							5			
Number of branches					4	6	8	10	12	16
Maximum capacity index of connectable indoor units					400	600	750			
Maximum capacity index of connectable indoor units per branch					140					
Dimensions	Unit	HeightxWidthxDepth		mm	298x370x430	298x580x430		298x820x430		298x1,060x430
Weight	Unit			kg	17	24	26	35	38	50
Casing	Material									
Piping connections	Outdoor unit	Liquid	OD	mm	Galvanised steel plate					
		Gas	OD	mm	9.5					
		Discharge gas	OD	mm	22.2 / 19.1	28.6 / 22.2	28.6	15.9	15.9 / 19.1	19.1
	Indoor unit	Liquid	OD	mm	19.1 / 15.9	19.1 / 22.2	19.1 / 22.2 / 28.6	28.6		
		Gas	OD	mm	9.5 / 6.4					
Drain					15.9 / 12.7					
Sound absorbing thermal insulation					VP20 (I.D. 20/O.D. 26)					
Power supply	Urethane foam, polyethylene foam									
	Phase				1~					
	Frequency			Hz	50					
	Voltage			V	220-440					
Maximum fuse amps (MFA)			A	15						

Contains fluorinated greenhouse gases

Products overview **VRV IV**

Capacity class (kW)


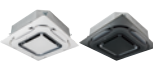











Type	Model	Product name	15	20	25	32	40	50	63	71	80	100	125	140	200	250			
Ceiling mounted cassette	<p>UNIQUE Round flow cassette</p> <p>360° air discharge for optimum efficiency and comfort</p> <ul style="list-style-type: none"> Auto cleaning function ensures high efficiency Intelligent sensors save 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> 	•	•	•	•	•	•										Auto cleaning filter option	Multi zoning option
	<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> 	•	•	•	•	•	•				•	•	•	•				Multi zoning option
	<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>Concealed ceiling unit with high ESP</p> <p>ESP up to 270, 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-MB</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	RXY5Q-TV1 ³	RXY5Q-TV9 ³	RXY5Q-TV9/TV1 ³	RWEYQ-T9 ⁴	RXYLQ-T
Ceiling mounted cassette	Round flow cassette (incl. auto-cleaning function) 	FCAG-B 				•			•	•				✓			
	Fully flat cassette	FFA-A9 			•	•			•	•				✓			
Concealed ceiling	Slim concealed ceiling unit	FDXM-F9 			•	•			•	•				✓			
	Concealed ceiling unit with inverter-driven fan	FBA-A(9) 				•			•	•				✓			
Wall mounted	Daikin Emura Wall mounted unit 	FTXJ-MW/MS 		•	•	•			•				✓	✓	✓	✓	✓
	Stylish Wall mounted unit	FTXA-AW/BS/BB/BT 		•	•	•		•	•				✓	✓	✓	✓	✓
	Perfera Wall mounted unit	CTXM-R/FTXM-R 		• <small>RXYS/CQ only</small>	•	•	•		•	•	•		✓	✓	✓	✓	✓
Ceiling suspended	Ceiling suspended unit	FHA-A(9) 				•			•	•	•			✓			
Floor standing	Floor standing unit	FVXM-F 			•	•			•				✓	✓	✓	✓	✓
	Perfera Floor standing unit	FVXM-A 		•	•	•			•				✓	✓	✓	✓	✓
	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		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
Remote control & timer		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-MB	FXAQ-A	FXHQ-A	FXUQ-A	FXNQ-A	FXLQ-P	
●	●	●	●	●	●	●	●	●	●	●	●	●	
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● standard, ○ optional

(1) Pre filter

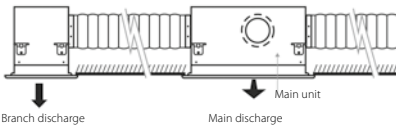




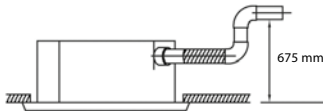
Round flow cassette

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



- › 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.



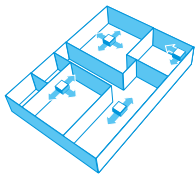
Indoor Unit		FXFQ	20B	25B	32B	40B	50B	63B	80B	100B	125B		
Cooling capacity	Total capacity	kW	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00		
	At high fan speed	kW											
Heating capacity	Total capacity	kW	2.50	3.20	4.00	5.00	6.30	8.00	10.0	12.5	16.0		
	At high fan speed	kW											
Power input - 50Hz	Cooling	kW		0.017		0.018	0.023	0.028	0.045	0.071	0.103		
	Heating	kW		0.017		0.018	0.023	0.028	0.045	0.071	0.103		
Dimensions	Unit	HeightxWidthxDepth	204x840x840						246x840x840		288x840x840		
Weight	Unit	kg	18.0			19.0		21.0		24.0		26.0	
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	Standard panels: 65x950x950 / Auto cleaning panels: 148x950x950 / Designer panels: 106x950x950										
Fan	Air flow rate - 50Hz	Cooling	At high/medium/low fan speed			m³/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			m³/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	49.0			51.0		53.0	55.0	60.0	61.0		
	Heating	At high/medium/low fan speed	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	Cooling	At high/medium/low fan speed	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		
	Heating	At high/medium/low fan speed	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		
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										
Control systems	Infrared remote control		BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB										
	Wired remote control		BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52										

Contains fluorinated greenhouse gases

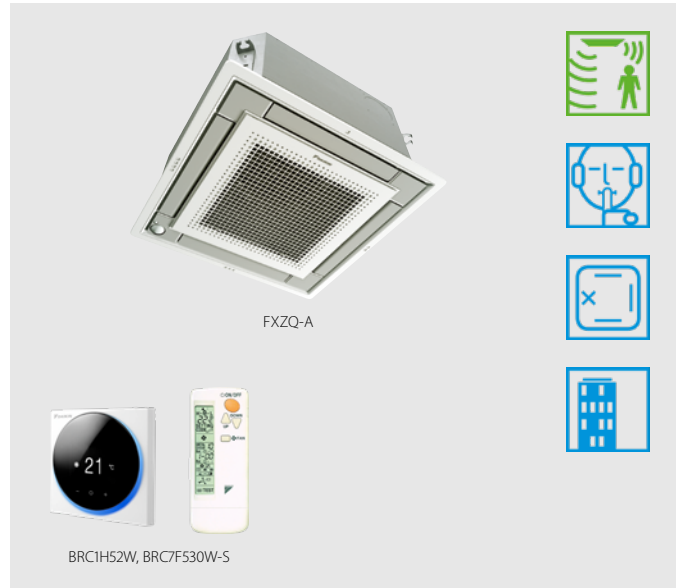
Fully flat cassette

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

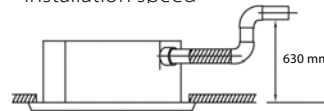
- › Fully flat integration in standard architectural ceiling tiles, leaving only 8mm
- › Remarkable blend of iconic design and engineering excellence with an elegant finish in white or a combination of silver and white
- › Two optional intelligent sensors improve energy efficiency and comfort
- › 15 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

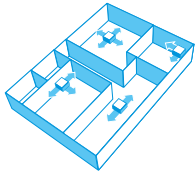
Indoor Unit				FXZQ	15A	20A	25A	32A	40A	50A
Cooling capacity	Total capacity	At high fan speed	kW	1.70	2.20	2.80	3.60	4.50	5.60	
	Heating capacity	Total capacity	At high fan speed	kW	1.90	2.50	3.20	4.00	5.00	6.30
Power input - 50Hz	Cooling	At high fan speed	kW	0.018	0.020	0.020	0.019	0.029	0.048	
	Heating	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	At high fan speed	dB(A)	49		50	51	54	60
		At high/medium/low fan speed	At high/medium/low fan speed	dB(A)	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	At high/medium/low fan speed	dB(A)	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	At high/medium/low fan speed	dB(A)	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	1~/50/60/220-240/220								
Current - 50Hz	Maximum fuse amps (MFA)	16								
Control systems	Infrared remote control	BRC7EB530W (standard panel) / BRC7F530W (white panel) / BRC7F530S (grey 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!



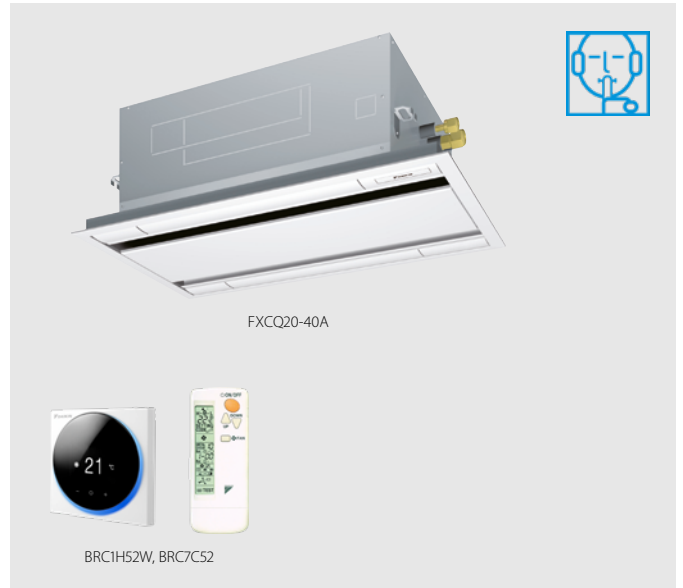
- › Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible
- › Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required

Fresh air intake opening in casing

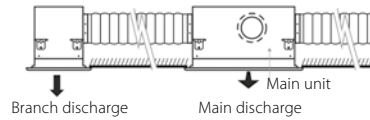


* Brings in up to 10% of fresh air into the room

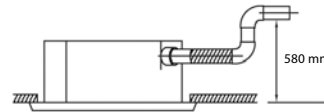
- › Optimum comfort guaranteed with automatic air flow adjustment to the required load
- › Maintenance operations can be performed by removing the front panel



- › 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

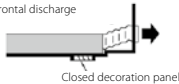
1-way blow unit for corner installation

- › 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

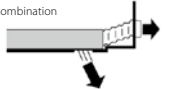
Downward discharge



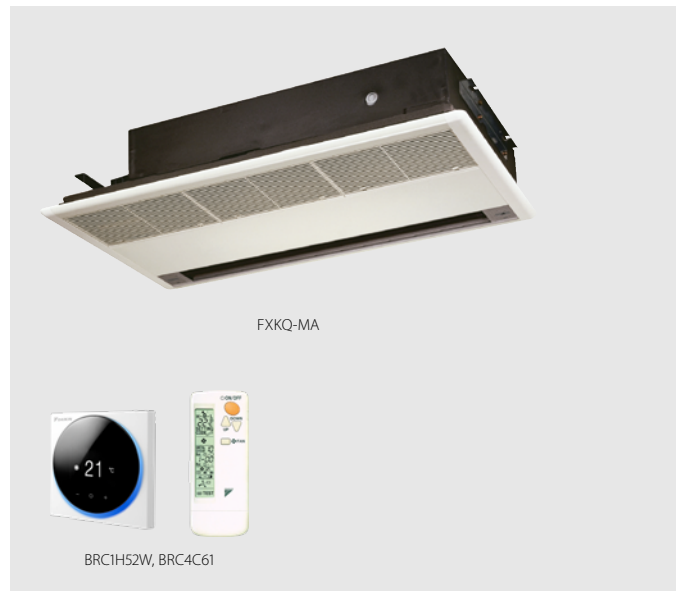
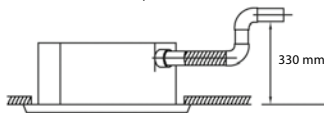
Frontal discharge



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.

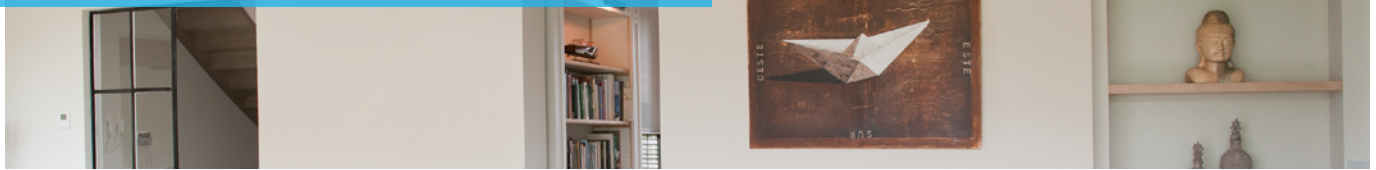


FXKQ-MA

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	At high fan speed		0.046		0.056	0.085
	At low fan speed					
Dimensions	Unit	HeightxWidthxDepth	215x1,110x710			215x1,310x710
Weight	Unit	kg	31			34
Casing	Material	Galvanised steel plate				
Decoration panel	Model	BYK45FJW1			BYK71FJW1	
	Colour	White				
Dimensions	HeightxWidthxDepth	mm	70x1,240x800			70x1,440x800
	Weight	kg	8.5			9.5
Fan	Air flow	Cooling	11/9		13/10	18/15
	At high fan speed/ At low fan speed	At high fan speed/ At low fan speed	m ³ /min			
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	At high fan speed/ At low fan speed	38.0/33.0		40.0/34.0	42.0/37.0
Refrigerant	Type/GWP	R-410A/2,087.5				
Piping connections	Liquid	OD	6.4			9.5
	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

Multi zoning kit for concealed ceiling units



The multi-zoning system is a room-by-room controller. It is fitted with motorised dampers, which immediately adapt using Daikin ducted solutions. This system supports control of up to 8 zones via a centralised thermostat located in the main room and individual thermostats for each of the zones.

Benefits

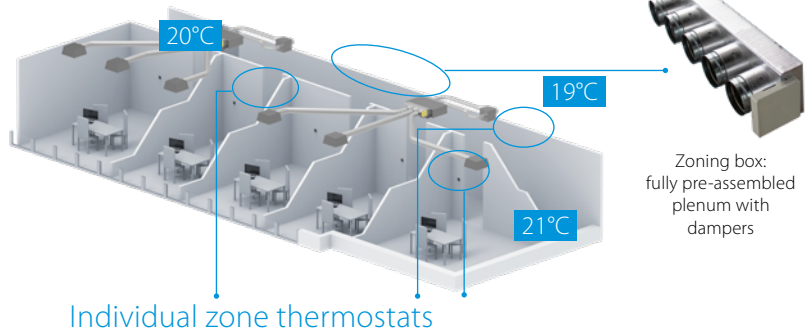
Increased comfort

- › Increases comfort levels by allowing more individual zone control
 - Up to 8 individual zones can be served thanks to separate modulating dampers
 - Individual thermostat for room-by-room or zone-by-zone control

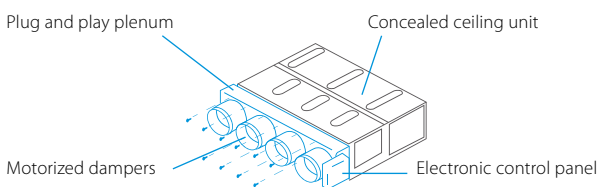
Easy to install

- › Automatic air flow adjustment according to the demand
- › Easy to install, integrates with the Daikin indoor units and system controls
- › Time saving as plenum comes fully pre-assembled with dampers, and control boards
- › Reduces the amount of refrigerant required in the installation

How does it work?



Zoning box:
fully pre-assembled
plenum with
dampers



Blueface - Airzone Main Thermostat

- › Color graphic interface for controlling zones



AZCE6BLUEZEROCB (Wired)

Airzone Zone Thermostat

- › Graphic interface with low-energy e-ink screen for controlling zones



AZCE6THINKCB (Wired)
AZCE6THINKRB (Wireless)

Airzone Zone Thermostat

- › Thermostat with buttons for controlling the temperature



AZCE6LITECB (Wired)
AZCE6LITERB (Wireless)

Compatibility

Number of motorised dampers	Reference	Dimensions H x W x D (mm)	SkyAir												VRV																					
			FDXM-F9				FBA-A(9)				ADEA-A				FXDQ-A3				FXSQ-A																	
			25	35	50	60	35	50	60	71	100	125	140	71	100	125	15	20	25	32	40	50	63	15	20	25	32	40	50	63	71	80	100	125	140	
Standard Ceiling Void	AZEZ6DAIST07XS2	300 x 930 x 454																																		
	AZEZ6DAIST07S2						•	•													•	•	•	•	•	•	•									
	AZEZ6DAIST07XS3	300 x 930 x 454					•	•													•	•	•	•	•	•	•									
	AZEZ6DAIST07S3						•	•													•	•	•	•	•	•	•									
	AZEZ6DAIST07S4	300 x 930 x 454					•	•													•	•	•	•	•	•	•									
	AZEZ6DAIST07M4	300 x 1,140 x 454								•	•			•																						
	AZEZ6DAIST07M5									•	•																					•	•			
	AZEZ6DAIST07L5	300 x 1,425 x 454																																		
	AZEZ6DAIST07M6	300 x 1,638 x 454																																		
	AZEZ6DAIST07L6																																			
AZEZ6DAIST07L7	515 x 1,425 x 454																																			
AZEZ6DAIST07XL7	515 x 1,425 x 454																																			
AZEZ6DAIST07L8																																				
AZEZ6DAIST07XL8																																				
Compact Ceiling Void	AZEZ6DAISL01S2	210 x 720 x 444	•	•												•	•	•	•																	
	AZEZ6DAISL01S3	210 x 720 x 444	•	•												•	•	•	•																	
	AZEZ6DAISL01M4	210 x 930 x 444																						•	•											
	AZEZ6DAISL01L5	210 x 1,140 x 444																																		
	AZEZ6DAISL01S5						•	•																												

For more information on options refer to page 876

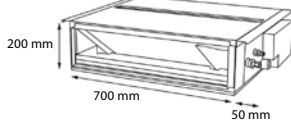


Slim concealed ceiling unit

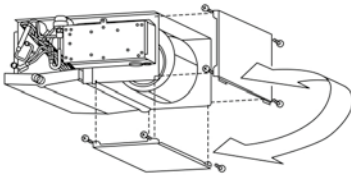
Slim design for flexible installation

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

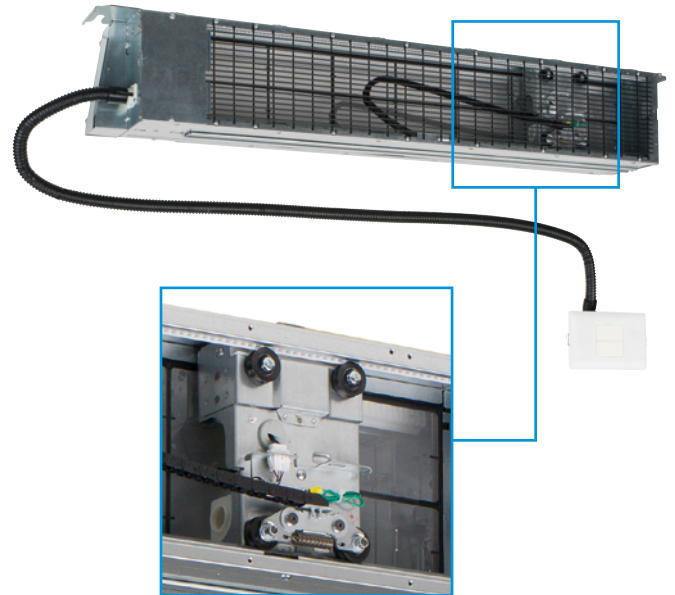
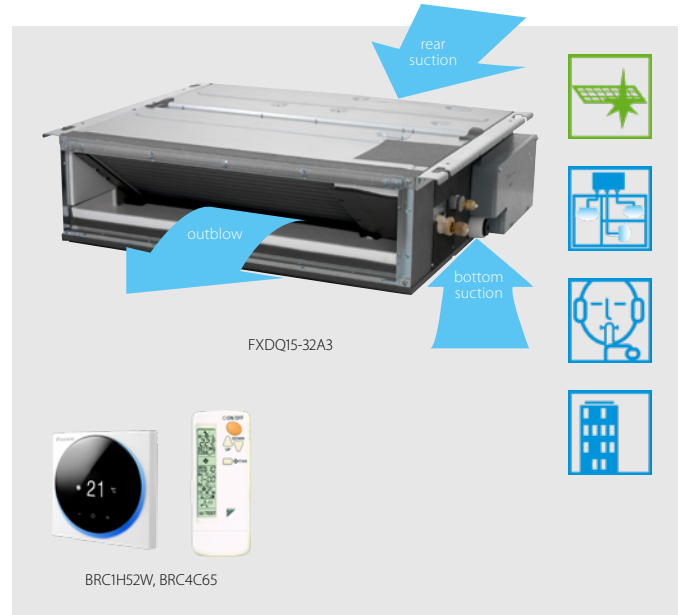
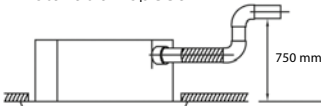
SERIE A (15, 20, 25, 32)



- › 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	Total capacity		1.70	2.20	2.80	3.60	4.50	5.60	7.10
	At high fan speed								
Heating capacity	Total capacity		1.90	2.50	3.20	4.00	5.00	6.30	8.00
	At high fan speed								
Power input - 50Hz	Cooling			0.036		0.041	0.042	0.053	0.062
	At high fan speed								
Heating	At high fan speed			0.036		0.041	0.042	0.053	0.062
	At high fan speed								
Required ceiling void >			240			240			
Dimensions	Unit	HeightxWidthxDPTH	200x750x620			200x950x620			200x1,150x620
Weight	Unit	kg	22.0			26.0			29.0
Casing	Material		Galvanised steel						
Fan	Air flow rate - 50Hz	Cooling	At high/medium/low fan speed	m ³ /min	7.5/7.00/6.4	8.0/7.20/6.4	10.5/9.50/8.5	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
	At high/medium/low fan speed								
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
	At high/medium/low fan speed								
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	Drain				VP20 (I.D. 20/O.D. 26)				
	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		BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52						

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

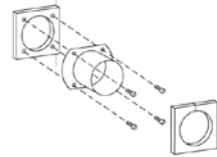


- › Quiet operation: down to 25dBA sound pressure level
- › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Discretely concealed in the wall: only the 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
- › Optional fresh air intake

Fresh air intake opening in casing

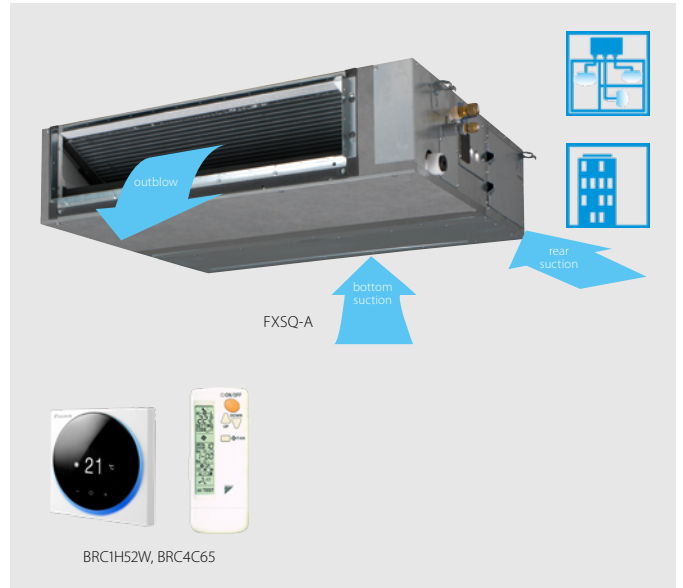


Optional fresh air intake kit

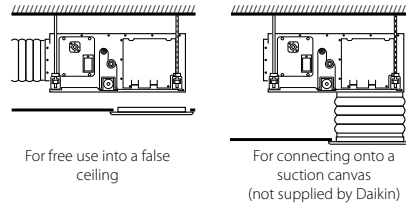


* Brings in up to 10% of fresh air into the room

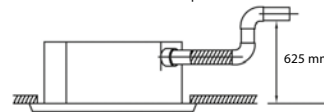
* Allow larger quantities of fresh air to be brought in



- › 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



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



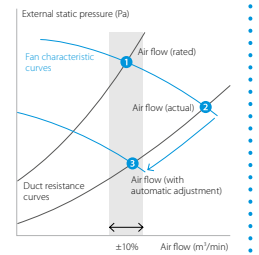
FXSQ-A

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.



Indoor Unit		FXSQ	15A	20A	25A	32A	40A	50A	63A	80A	100A	125A	140A												
Cooling capacity	Total capacity		1.70	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	16.00												
	At high fan speed	kW																							
Heating capacity	Total capacity		1.90	2.50	3.20	4.00	5.00	6.30	8.00	10.0	12.5	16.0	18.0												
	At high fan speed	kW																							
Power input - 50Hz	Cooling			0.041		0.045	0.087	0.089	0.101	0.135	0.173	0.237	0.247												
	Heating			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	Unit		kg			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	Cooling	At high/medium/low fan speed	m ³ /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										
	rate - 50Hz	Heating	At high/medium/low fan speed	m ³ /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	dBA		54			55			60			59			61			64					
	Heating	At high/medium/low fan speed	dBA		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		35.0/32.0/28.0		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/Gas OD	mm		6.35/12.7			9.52/15.9																	
Power supply	Phase/Frequency/Voltage		VP20 (I.D. 20.0/O.D. 26), drain height 625 mm																						
	Current - 50Hz	Maximum fuse amps (MFA)	A		1~/50/60/220-240/220																				
Control systems	Infrared remote control		BRC4C65																						
	Wired remote control		BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52																						

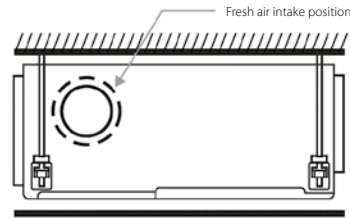
Contains fluorinated greenhouse gases

Concealed ceiling unit with high ESP

Ideal for large sized spaces FXMQ-P7: ESP up to 200 Pa

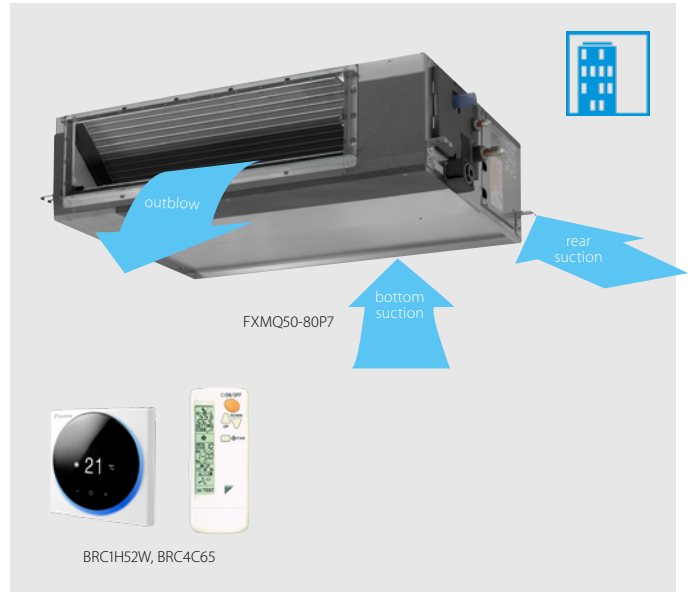
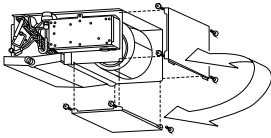
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › High external static pressure up to 200Pa facilitates extensive duct and grille network
- › Discretely concealed in the wall: only the suction and discharge grilles are visible
- › Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required

Fresh air intake opening in casing

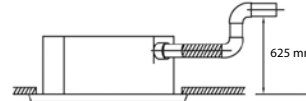


* Brings in up to 10% of fresh air into the room

- › 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



FXMQ-MB: ESP up to 270 Pa

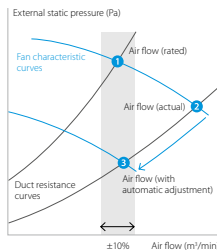
- › High external static pressure up to 270Pa facilitates extensive duct and grille network
- › Large capacity unit: up to 31.5 kW heating capacity

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-MB

Indoor Unit		FXMQ	50P7	63P7	80P7	100P7	125P7	200MB	250MB	
Cooling capacity	Total capacity	kW		-		22.4		28.0		
	Nom.	kW		5.6	7.1	9.0	11.2	14.0		
Heating capacity	Total capacity	kW		-		25.0		31.5		
	Nom.	kW		6.3	8.0	10.0	12.5	16.0		
Power input - 50Hz	Cooling	kW		0.110	0.120	0.171	0.176	0.241	0.895	
	Heating	kW		0.098	0.108	0.159	0.164	0.229	0.895	
Required ceiling void >		mm		350						
Dimensions	Unit	HeightxWidthxDepth		300x1,000x700		300x1,400x700		470x1,380x1,100		
Weight	Unit	kg		35		46		132		
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	
		Heating	At high/medium/low fan speed		m ³ /min		25.0/22.5/20.0		32.0/27.5/23.0	
	External static pressure - 50Hz	Factory set / High		Pa		100/200		160/270		
Air filter	Type			Resin net						
Sound power level	Cooling	At high/medium/low fan speed		dBA		61.0/-/-		64.0/-/-		
	Heating	At high/medium/low fan speed		dBA		67.0/-/-		65.0/-/-		
Sound pressure level	Cooling	At high/medium/low fan speed		dBA		41.0/39.0/37.0		42.0/40.0/38.0		
	Heating	At high/medium/low fan speed		dBA		43.0/41.0/39.0		44.0/42.0/40.0		
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	
	Drain			VP25 (I.D. 25/O.D. 32)				PS1B		
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		16						
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.



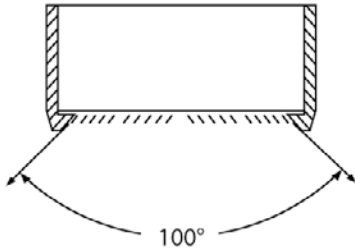
Indoor Unit		FXAQ	15A	20A	25A	32A	40A	50A	63A	
Cooling capacity	Total capacity	kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1	
	At high fan speed									
Heating capacity	Total capacity	kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0	
	At high fan speed									
Power input - 50Hz	Cooling	kW	0.02		0.03		0.02	0.03	0.05	
	At high fan speed									
Dimensions	Unit	mm	290x795x266				290x1,050x269			
	HeightxWidthxDPTH									
Weight	Unit	kg	12				15			
Fan	Air flow rate - 50Hz	m ³ /min	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	
	Cooling	At high fan speed/ At low fan speed								
Air filter	Type		Washable resin net							
Sound power level	Cooling	dBA	51.0	52.0	53.0	55.0		58.0	63.0	
	At high fan speed									
Sound pressure level	Cooling	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	
	At high fan speed/ At low fan speed									
	Heating	dBA	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									
Refrigerant	Type/GWP		R-410A/2,087.5							
Piping connections	Liquid	mm	6.35						9.52	
	Gas	mm	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

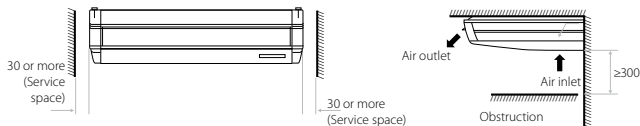
Ceiling suspended unit

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
- › 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

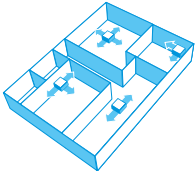
Indoor Unit		FXHQ		32A	63A	100A	
Cooling capacity	Total capacity	At high fan speed	kW	3.6	7.1	11.2	
	At high fan speed						
Heating capacity	Total capacity	At high fan speed	kW	4.0	8.0	12.5	
	At high fan speed						
Power input - 50Hz	Cooling	At high fan speed	kW	0.107	0.111	0.237	
	Heating	At high 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	6.4		9.5	
	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			BRC7C58			
	Wired remote control			BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52			

Contains fluorinated greenhouse gases

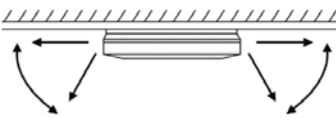
4-way blow ceiling suspended unit

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

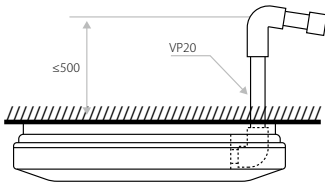
- › Even rooms with ceilings up to 3.5m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!



- › 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



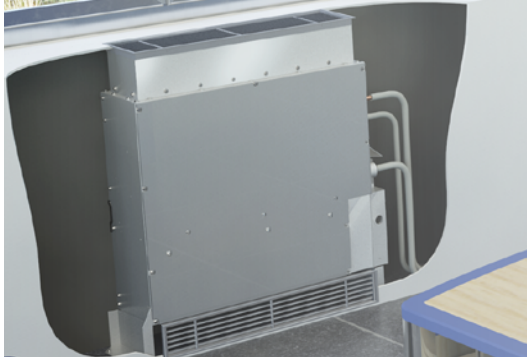
Indoor Unit		FXUQ		71A	100A
Cooling capacity	Total capacity	At high fan speed	kW	8.0	11.2
	At high fan speed				
Heating capacity	Total capacity	At high fan speed	kW	9.0	12.5
	At high fan speed				
Power input - 50Hz	Cooling	At high fan speed	kW	0.090	0.200
	Heating	At high fan speed	kW	0.073	0.179
Dimensions	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
		At high/medium/low fan speed	dBA	40.0/38.0/36.0	47.0/44.0/40.0
Sound pressure level	Heating	At high/medium/low fan speed	dBA	40.0/38.0/36.0	47.0/44.0/40.0
		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	9.5	
	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

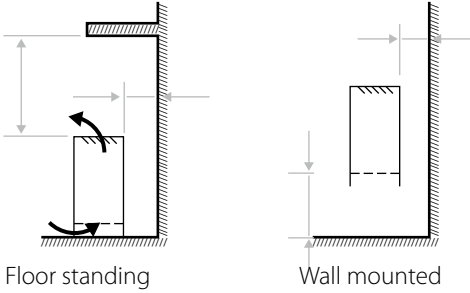
Indoor Unit				FXNQ	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	At high fan speed	kW	2.20	2.80	3.60	4.50	5.60	7.10	
		At high fan speed	kW	2.50	3.20	4.00	5.00	6.30	8.00	
Power input - 50Hz	Cooling	At high fan speed	kW	0.071			0.078	0.099	0.110	
		At high fan speed	kW	0.068			0.075	0.096	0.107	
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	dB(A)	51			52	53	54	
		At high/medium/low fan speed	dB(A)	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	dB(A)	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

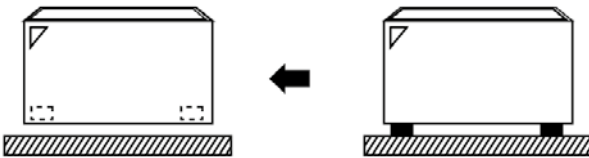
Floor standing unit

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.



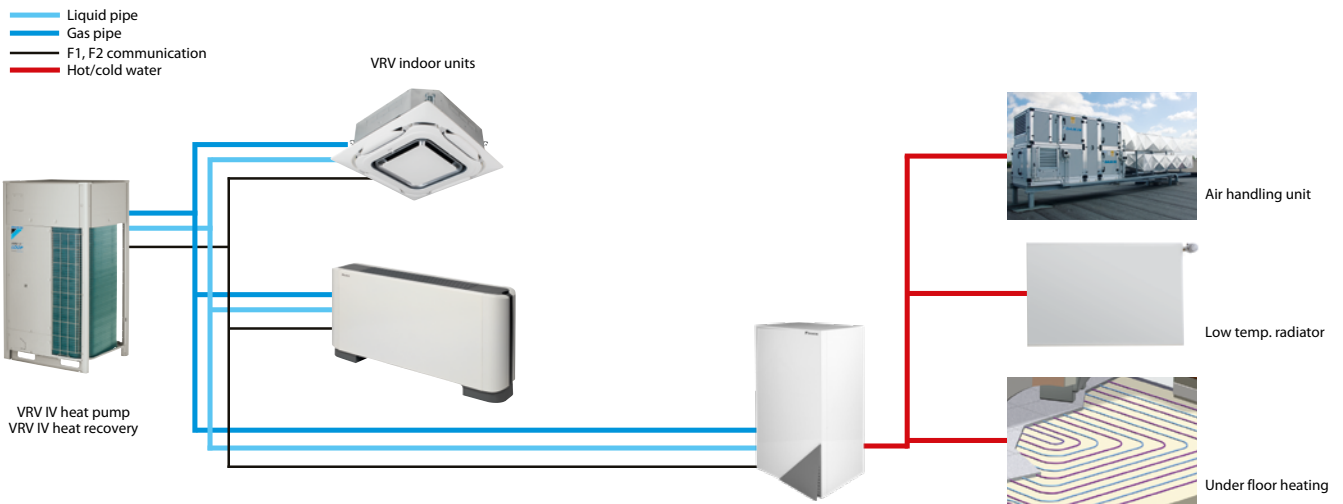
Indoor Unit			FXLQ	20P	25P	32P	40P	50P	63P
Cooling capacity	Total capacity	At high fan speed	kW	2.2	2.8	3.6	4.5	5.6	7.1
	Heating capacity	At high fan speed	kW	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	At high fan speed	kW	0.05		0.09		0.11	
	Heating	At high fan speed	kW	0.05		0.09		0.11	
Dimensions	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/ m ³ /min	7/6.0		8/6.0		11/8.5	
		At low fan speed						14/11.0	
Air filter	Type			Resin net					
Sound power level	Cooling	At high fan speed	dBA	54		57		58	
		At low fan speed	dBA	35/32		38/33		39/34	
	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

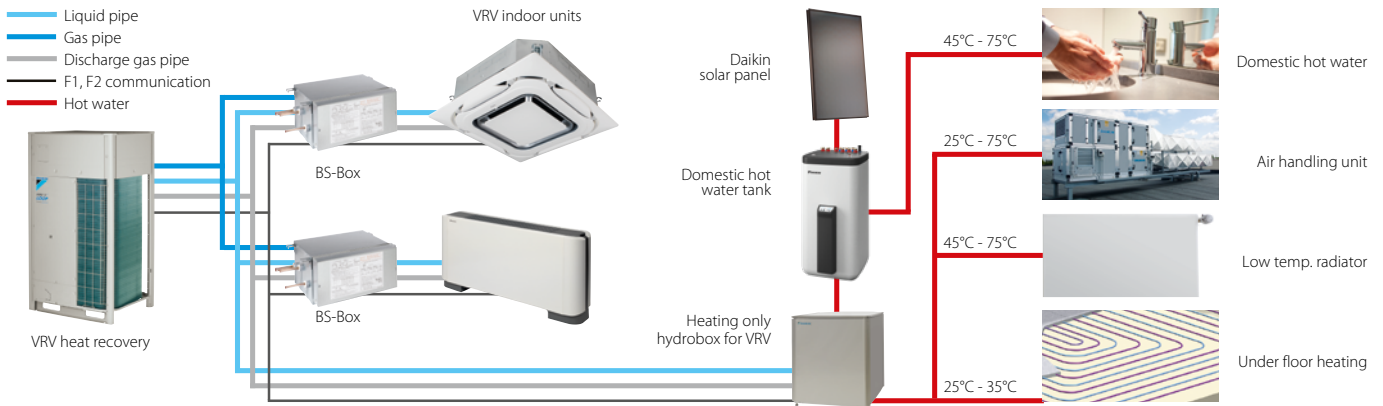
Indoor Unit		HXY		080A8		125A8	
Cooling capacity	Nom.	kW		8.0 (1)		12.5 (1)	
Heating capacity	Nom.	kW		9.00 (2)		14.00 (2)	
Casing	Colour	White					
	Material	Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth	mm				
			890 x480 x344				
Weight	Unit	kg					
		44.0					
Operation range	Heating	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				
Weight	Unit			92.0		147		
Operation range	Heating	Ambient	Min.~Max.	°C				
		Water side	Min.~Max.	°C				
	Domestic hot water	Ambient	Min.~Max.	°CDB				
		Water side	Min.~Max.	°C				
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		38 (1)		45 (1)		
Water circuit	Piping connections diameter		inch		G 1" (female)			
	Heating water system	Water volume	Max. ~ Min.	l		200 ~ 20		400 ~ 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

EKHWP-B

Domestic hot water tank

Plastic domestic hot water tank with solar support

- › Tank designed for connection with drainback thermal solar system
- › Available in 300 and 500 liters
- › Large hot water storage tank to provide domestic hot water at any time
- › Heat loss is reduced to a minimum thanks to the high quality insulation
- › Space heating support possible (500l tank only)



EKHWP-B



Accessory		EKHWP	300B	500B			
Casing	Colour		Traffic white (RAL9016) / Dark grey (RAL7011)				
	Material		Impact resistant polypropylene				
Dimensions	Unit	Height	mm	1,650	1,660		
		Width	mm	595	790		
		Depth	mm	615	790		
Weight	Unit	Empty	kg	58	82		
		Water volume	l	294	477		
Tank	Material		Polypropylen				
	Maximum water temperature	°C	85				
	Insulation Heat loss	kWh/24h	1.5		1.7		
	Energy efficiency class		B				
	Standing heat loss	W	64		72		
	Storage volume	l	294		477		
	Heat exchanger	Domestic hot water	Quantity		1		
			Tube material		Stainless steel (DIN 1.4404)		
			Face area	m ²	5.600		5.800
			Internal coil volume	l	271		28.1
Operating pressure			bar		6		
Charging		Average specific thermal output	W/K	2,790		2,825	
		Quantity		1			
		Tube material		Stainless steel (DIN 1.4404)			
		Face area	m ²	3		4	
		Internal coil volume	l	13		18	
Auxiliary solar heating	Operating pressure	bar		3			
	Average specific thermal output	W/K	1,300		1,800		
	Tube material		-		Stainless steel (DIN 1.4404)		
	Face area	m ²	-		1		
	Internal coil volume	l	-		4		
Operating pressure	bar	-		3			
Average specific thermal output	W/K	-		280			

Contains fluorinated greenhouse gases

EKHWP-PB

Domestic hot water tank

Pressureless domestic hot water tank with solar support

- › Tank designed for connection with pressurised thermal solar system
- › Available in 300 and 500 liters
- › Large hot water storage tank to provide domestic hot water at any time
- › Heat loss is reduced to a minimum thanks to the high quality insulation
- › Space heating support possible (500l tank only)



EKHWP-PB



Accessory		EKHWP	300PB	500PB			
Casing	Colour		Traffic white (RAL9016) / Dark grey (RAL7011)				
	Material		Impact resistant polypropylene				
Dimensions	Unit	Height	mm	1,650	1,660		
		Width	mm	595	790		
		Depth	mm	615	790		
Weight	Unit	Empty	kg	58	89		
		Water volume	l	294	477		
Tank	Material		Polypropylen				
	Maximum water temperature	°C	85				
	Insulation Heat loss	kWh/24h	1.5		1.7		
	Energy efficiency class		B				
	Standing heat loss	W	64		72		
	Storage volume	l	294		477		
	Heat exchanger	Domestic hot water	Quantity		1		
			Tube material		Stainless steel (DIN 1.4404)		
			Face area	m ²	5.600		5.900
			Internal coil volume	l	271		28.1
Operating pressure			bar		6		
Charging		Average specific thermal output	W/K	2,790		2,825	
		Quantity		1			
		Tube material		Stainless steel (DIN 1.4404)			
		Face area	m ²	3		4	
		Internal coil volume	l	13		18	
Pressurised solar heating	Operating pressure	bar		3			
	Average specific thermal output	W/K	1,300		1,800		
	Average specific thermal output	W/K	390.00		840.00		
	Tube material		-		Stainless steel (DIN 1.4404)		
	Face area	m ²	-		1		
Internal coil volume	l	-		4			
Operating pressure	bar	-		3			
Average specific thermal output	W/K	-		280			

Contains fluorinated greenhouse gases

EKS(V/H)-P

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 and 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

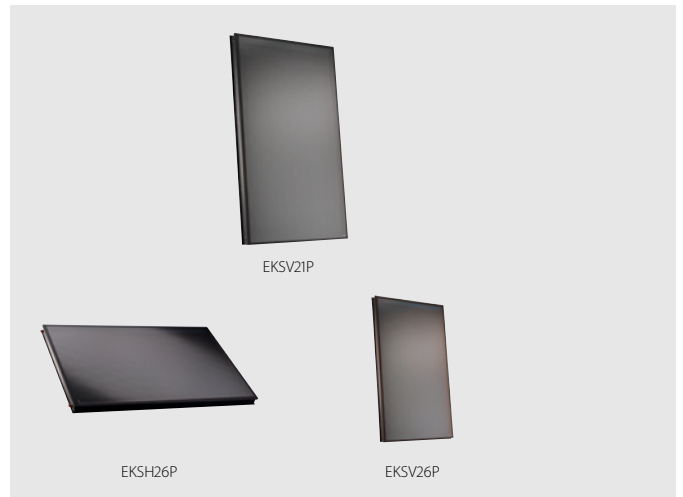
More details and final information can be found by scanning or clicking the QR codes.



EKS(V)-P



EKS(H)-P



Accessory		EKS(V)/EKS(H)		21P		26P	
Mounting				Vertical		Horizontal	
Dimensions	Unit	HeightxWidthxDepth	mm	1,006x85x2,000		2,000x85x1,300	
Weight	Unit		kg	33		42	
Volume			l	1.3	1.7		2.1
Surface	Outer		m ²	2.01		2.60	
	Aperture		m ²	1.800		2.360	
	Absorber		m ²	1.79		2.35	
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})		%	61			
	Zero loss collector efficiency η ₀		%	0.781		0.784	
	Heat loss coefficient a ₁		W/m ² .K	4.240		4.250	
	Temperature dependence of the heat loss coefficient a ₂		W/m ² .K ²	0.006		0.007	
	Thermal capacity		kJ/K	4.9		6.5	
Auxiliary	Solpump		W	-			
	Solstandby		W	-			
	Annual auxiliary electricity consumption Q _{aux}		kWh	-			

Contains fluorinated greenhouse gases

EKS(RDS)2A/EKS(RP)S4A

Pump station

- › Save energy and reduce CO₂ emissions with a solar system for domestic hot water production
- › Pump station connectable to unpressurised 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.



EKS(RDS)2A



EKS(RP)S4A



Accessory		EKS(RP)S4A/EKS(RDS)2A		EKS(RP)S4A		EKS(RDS)2A	
Mounting				On side of tank		On wall	
Dimensions	Unit	HeightxWidthxDepth	mm	815x142x230		410x314x154	
Weight	Unit		kg	6.4		6	
Operation range	Ambient temperature	Min.~Max.	°C	5~40		0~40	
Operating pressure	Max.		bar	-		6	
Stand still temperature	Max.		°C	85		120	
Thermal performance	collector efficiency (η _{col})		%	-		-	
	Zero loss collector efficiency η ₀		%	-		-	
Control	Type			Digital temperature difference controller with plain text display			
	Power consumption		W	2		5	
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230		/50/230	
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 intake				Indoor unit			
Auxiliary	Solpump		W	37.3		23	
	Solstandby		W	2.00		5.00	
	Annual auxiliary electricity consumption Q _{aux}		kWh	92.1		89	

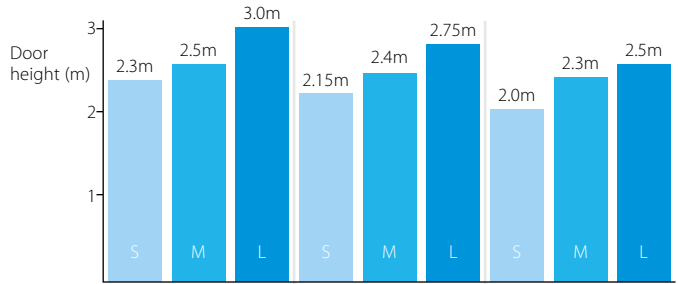
Contains fluorinated greenhouse gases



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

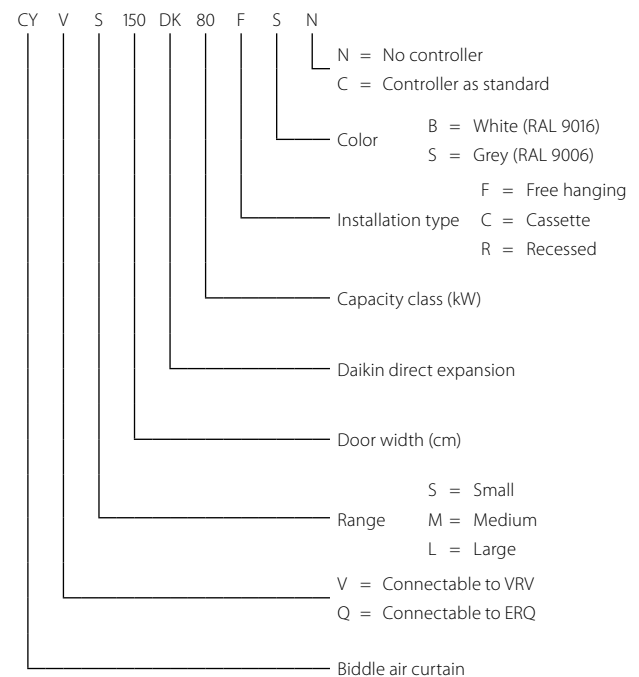
ex: little direct wind, no opposite open doors, building with ground floor only

Unfavourable

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

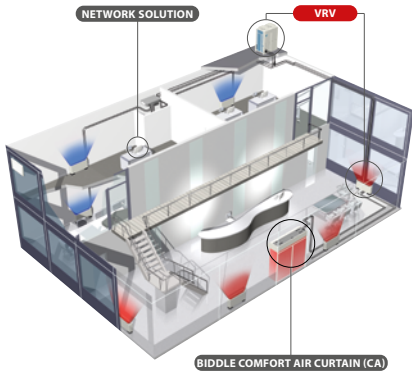
Type	Product name	Features	
Biddle standard air curtain free hanging	CYV S/M/L-DK-F	<ul style="list-style-type: none"> - CYQ - Biddle air curtain for connection to ERQ - Connectable to ERQ heat pump - Cassette model (C): mounted into a false ceiling leaving only the decoration panel visible 	
Biddle 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



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	dB(A)	47	49	50	51	50	51	53	54
Refrigerant	Type / GWP			R-410A / 2,087.5							
Piping connections	Liquid/OD/Gas/OD		mm	9.52/16.0				9.52/19.0	9.52/16.0		9.52/19.0
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			12
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	dB(A)	53	54	56	57
Refrigerant	Type / GWP			R-410A / 2,087.5			
Piping connections	Liquid/OD/Gas/OD		mm	9.52/16.0	9.52/19.0	9.52/22.0	
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	RXYSYA-AV1/AY1
Kits	Multi-module connection kit (obligatory) - Connects multiple modules into a single refrigerant system		BHFQ23P907	
	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.			
	Heater tape kit - Optional electrical heater to guarantee trouble-free operation in extremely cold and humid climates (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.			For installation into an indoor unit For 14-20 HP the demand PCB is required
	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)			
Others	EKDK04 Drain plug kit			
	EKLN140A Sound enclosure			•

*Note: blue cells contain preliminary data

		VRV IV S-series		
		RXYSQ4-6TV9	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.			
	Heater tape kit - Optional electrical heater to guarantee trouble-free operation in extremely cold and humid climates (one per outdoor unit needed)			
	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	
Adapters	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)			
Others	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		•	•

VRV IV+ heat recovery		VRV IV+ heat pump		VRV IV C+series	
REYQ8-20 REMQ5	2/3 module systems	RYYQ8-20 RYMQ8-20 RXYQ8-20	2/3 module systems	RXYLQ RXMLQ	2/3 module systems
	2 modules: BHFQ23P907 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			
DTA104A53/61/62 Indoor unit: exact adapter type depends on type of indoor unit. 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			
		•	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	RDXYQ5	RDXYQ8	RKXYQ5	RKXYQ8
	EKDPH1RDX	EKDPH1RDX		

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		
	Heater tape kit - Optional electrical heater to guarantee trouble-free operation in extremely cold and humid climates (one per outdoor unit needed)		8-12: EKBP012T7A 14-20: EKBP020T7A	
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 EKHBFBQ1 and EKHBFBQ2. 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
	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)	EKBSVQLNP Sound reduction kit (sound insulation)				
	KHFP26A100C Closed pipe kit				
	KHRP26A250T Joint kit				
	Quiet 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			Heat Recovery Branch Selector Boxes (BS-Boxes)						
Capacity index < 290	Capacity index 290 ≤ x < 640	Capacity index > 640	1-port	4-port	6-port	8-port	10-port	12-port	16-port
			BS1Q-A	BS4Q14AV1B	BS6Q14AV1B	BS8Q14AV1B	BS10Q14AV1B	BS12Q14AV1B	BS16Q14AV1B
KHRQ22M29H	KHRQ22M64H	KHRQ22M75H							
KHRQ23M29H	KHRQ23M64H	KHRQ23M75H	•						
				•	•	•	•	•	•
				•	•	•	•	•	•
				KDDN26A4	KDDN26A8	KDDN26A8	KDDN26A12	KDDN26A12	KDDN26A16

		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: BYFQ60C2WIW (white panel) BYFQ60C2W1S (grey panel) BYFQ60B3W1 (standard panel) R-32 model: BYFQ60C4WIW (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)	DBBHQ44C60 (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 (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	DCM601A51 - intelligent Touch Manager	•	•
		EKMDBXB - Modbus interface	•	•
		DCM010A51 - Daikin PMS interface	•	•
		DMS502A51 - BACnet Interface	•	•
		DMS504B51 - LonWorks Interface	•	•
	Filters	Replacement long life filter, non-woven type	KAF5511D160	KAF441C60
		Auto cleaning filter	see decoration panel	
Wiring and sensors	KRCS - External wired temperature sensor	KRCS01-7B	KRCS01-8B	
	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	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)			
	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	KRP1BB101 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			
Filter chamber for bottom suction				

(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

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	
BRC4C65	BRC4C65	BRC4C65	BRC7GA53-9	BRC7C58	BRC7EA630
●	●	●	●	●	●
● (mandatory)	● (mandatory)	● (mandatory)	● (mandatory)	● (mandatory)	● (mandatory)
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
15-32: BAE20A62 40-50: BAE20A82 63: BAE20A102			32: KAF501B56 63: KAF501B80 71-100: KAF501B160	KAF511D160	
KRCS01-8B	KRCS01-8B	KRCS01-8B	KRCS01-8B	KRCS01-8B	KRCS01-8B
SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	K.RSS_FDA (EKEWTSC-1 + K.RSS)	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		
ERP02A50 (2)	EKRP1C14 (2)	EKRP1C14		EKRP1C14	ERP02A50 (2)
KRP4A54-9 (2)	KRP4A52(2)	50~80: KRP4A52 100~250: KRP4A51	KRP4A52 (2)	KRP4A53 (2)	KRP4A51 (2)
KRP2A53 (2)	KRP2A51(2)	KRP2A51 / KRP2A61	KRP2A62 (2)		KRP2A61(2)
BRP7A54	BRP7A51	BRP7A51	BRP7A52	BRP7A53	BRP7A51 (2)
DTA104A53	DTA104A61 (2)	DTA104A61 (2)	DTA104A61		DTA104A51(2) / DTA104A61(2)
KRP1BB101	KRP1BC101		KRP4B93	KRP1C97	KRP4A93
Standard	Standard	Standard	standard	standard	Standard
ERP01A51 (2)	ERP01A50 (2)	ERP01A50	ERP01A51 (2)	ERP01A51 (2)	ERP01A51 (2)
Standard	Standard	BDU510B250VM	32: KDU50R63 63~100: KDU50R160		K-KDU572KVE
			KDDQ50A140		
	15~32: KDAP25A36A 40~50: KDAP25A56A 63~80: KDAP25A71A 100~125: KDAP25A140A 140: -	50~80: KDAJ25K71 100~125: KDAJ25K140 200~250: -			
			32~63: KHFP5N63 71~100: KHFP5N160		

(11) Only possible in combination with BRCH* / BRCE*

(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 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

Options & accessories -



Ceiling mounted cassette units

		Round flow (800x800)	4-way (600x600)	2-way blow	Corner (1-way blow)	
		FXFQ-B	FXZQ-A	FXCQ 20~40A	FXKQ 25~40MA	
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)	BD8HQ44C60 (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 BRC1D52 (4) - Standard wired remote control with weekly timer	● (18) ● (15)(18)	● (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	●	●	●	●	
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	●	●	●	●	
	DCM601A51 - intelligent Touch Manager	●	●	●	●	
	EKM8BDBX - Modbus interface	●	●	●	●	
	DCM010A51 - Daikin PMS interface	●	●	●	●	
	DMS502A51 - BACnet Interface	●	●	●	●	
	DMS504B51 - LonWorks Interface	●	●	●	●	
Filters	Replacement long life filter, non-woven type	KAF5511D160	KAF441C60	20~40: KAF531C50 50~63: KAF531C80 80~125: KAF531C160		
	Auto cleaning filter	see decoration panel				
Wiring and sensors	KRCS - External wired temperature sensor	KRCS01-7B	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)	EKR1C12 (2)(7)	EKR1B2 (2)		KRP1B61	
	Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-140Ω	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	
Others	Installation box / Mounting plate for adapter PCBs (For units where there is no space in the switchbox)	KRP1H98A (7) KRP1BC101	KRP1BB101 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					
	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					
Filter chamber for bottom suction			20~40: KDDFP53B50 50~63: KDDFP53B80 80~125: KDDFP53B160			

(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 BYCQ140E 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 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 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) Filter chamber KDJ3705L280 is necessary for this option
 (19) For 32 class adapter box mounting plate KKSAAAP50A56 is needed
 (20) Filter chamber BDD500B250 is necessary for this option

