DAIKIN

2024
NEW

VRV

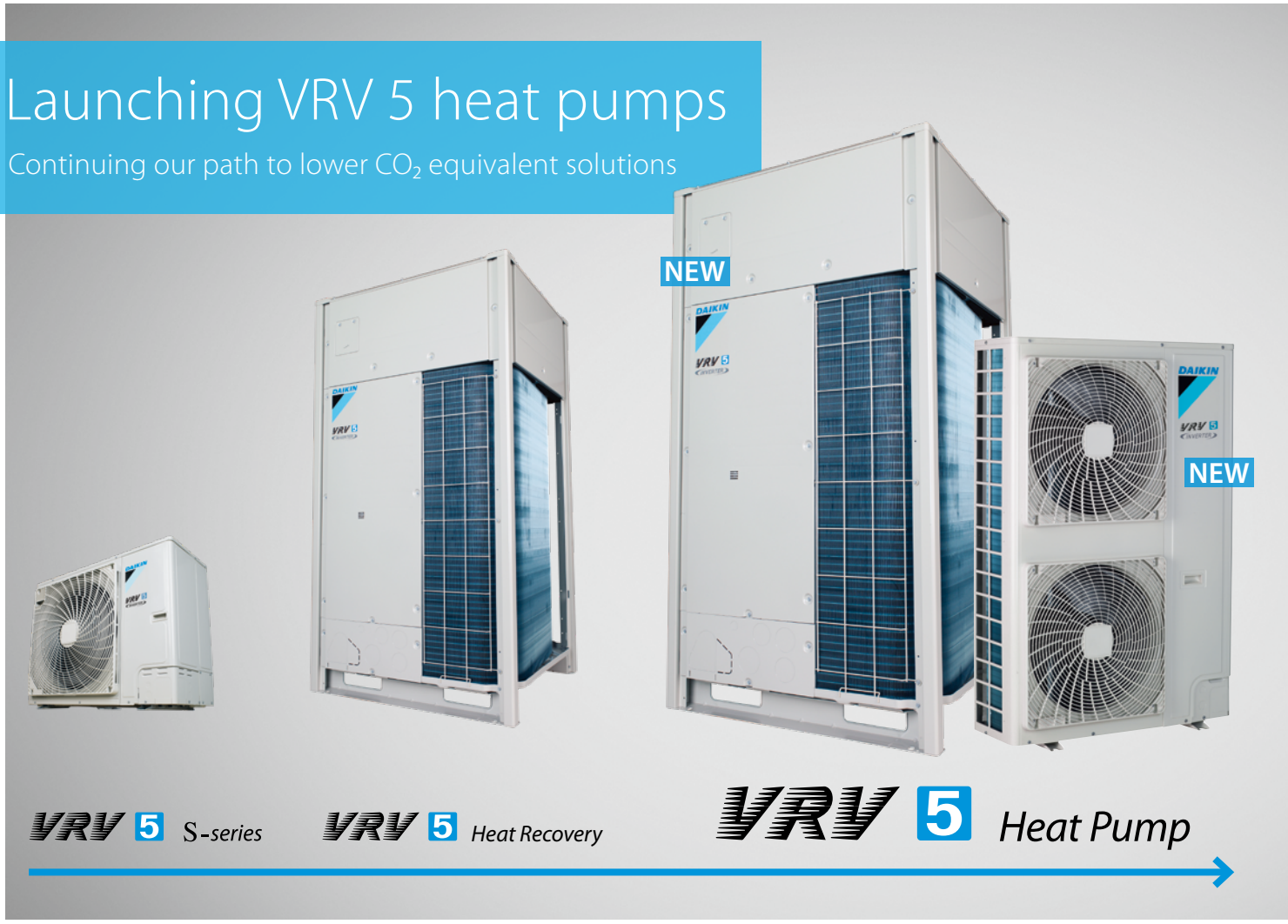
Maximum flexibility, minimum concern; As it should be.

DAIKIN

VRV 5 BLUEVOLUTION

Launching VRV 5 heat pumps

Continuing our path to lower CO_2 equivalent solutions



Decarbonisation of buildings made easy:
Benefit from leading VRV 5 technology!

Adapts to any building
- Extensive piping lengths & heights
- 5 low sound steps down to 41 dB(A)

Reduces the CO_2 footprint significantly
- High, real life seasonal efficiency
- Lower GWP refrigerant R-32

Shîrudo Technology provides peace of mind
- Easy installation of R-32 VRV in any size of room
- Factory-integrated refrigerant control measures avoids time-consuming studies
- 3rd party certification according to the product standard IEC60335-2-40

Widest R-32 portfolio to match any application
- 11 indoor unit models in 96 variations
- Plug & Play ventilation solutions from 150 up to 140,000 m^3/h
- Strong range of intuitive, cloud based controls

Specialised advice and support
- Maximise BREEAM, LEED, … scores thanks to VRV 5 and our expert support
- Online support software to ensure compliance with product standards

Learn more by visiting www.daikin.eu/vrv5

Find out more about the new VRV 5 heat pumps on page 488

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Daikin, your partner
in green buildings

Team up with our experts to achieve your green objectives, while staying within budget

Every building requires a different solution to match its unique properties. That's why it is important to have an HVAC-R partner with expert knowledge and a wide product portfolio to achieve your goals.

We continuously develop products with lower CO_2 footprints

We reuse materials where possible, including refrigerants

We maximise real life seasonal efficiencies, delivered in a transparent and trustworthy way

Our team of experts provide in-depth knowledge in the use of EPDs, green building schemes, etc.

We provide continuous monitor our systems, keeping running costs low and maximising uptime

We help to make the right choice based on the total lifecycle impact of the solutions

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

Arteparc office complex

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

Location: Grenoble, France

Type: New built, commercial complex

Project size: 25,000m^2

Total outdoor units: 115

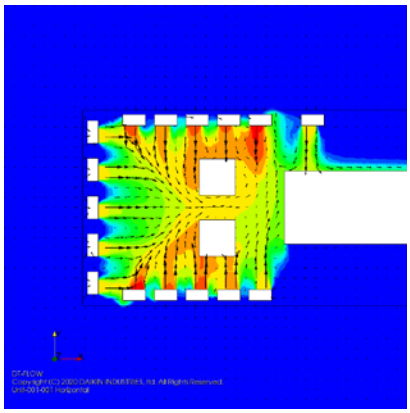
Challenges:

- Achieve HQE BBC (Low Carbon Building) certification label
- Provide an HVAC system to offset the increased CO_2 emissions, caused by additional use of concrete

Daikin solution:

- **Close co-operation** between design office and Daikin design support
- In-depth study to **optimize the air flows** of the full installation to maximize system performance and user experience
- Daikin's VRV5 with R-32 was crucial to support the required offsetting of CO_2, with a **whole life carbon reduction of 27%** compared to R-410A solutions

BBC
Batiment basse consommation*



"Daikin offers 24/7 monitoring with predictive maintenance for complete peace-of-mind. Issues are solved before they occur, maximizing room availability and customer satisfaction."

Victoria hotel, Park Plaza

Location: Amsterdam, The Netherlands
Type: Refurbishment, Hotel
Project size: 7 floors, 150 rooms, 25m²/room
Total outdoor units: 12

Challenges:

- Provide a future proof, low carbon solution
- Keep historical building outlook intact
- Provide total peace of mind

Daikin solution:

- Implementation of **VRV 5 heat recovery,** using lower GWP refrigerant R-32 boosting efficiency thanks to the re-use of excessive heat from rooms in cooling, to heat up rooms in need of heating
- The **modular and compact** concept of VRV outdoor units and very small piping made it the best solution to keep the historical value of the building.
- With **Shîrudo Technology** all legislative requirements are factory integrated, keeping additional design work to a minimum

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

Perial Asset Management

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

Location: Paris, France
Type: Refurbishment, Multipurpose
Project size: 8 floors, 4,200m²
Total outdoor units: 8

Challenges:

- Maximize re-use and minimize energy consumption
- Improve visual and acoustic comfort for the tenants
- Achieve BREEAM certification

Daikin solution:

- **Recovery and recycling of R-410A** refrigerant from the old units, to re-use as field charge
- Installation **of L∞P by Daikin** VRV outdoor units with reclaimed refrigerant, resulting in a saving of 156kg of virgin refrigerant production
- **Compact and low noise** VRV heat pumps we sited behind screens to avoid any disturbance

9 reasons why VRV is unique in the market

1 Leader in sustainability

NEW › VRV 5: dedicated R-32 VRV design
- Less refrigerant charge
- Higher efficiency
- Lower CO_2 equivalent

› L∞P by Daikin: the creation of a circular economy of refrigerants
- Saves over 400,000 kgs of virgin refrigerant being produced every year
- Greatly reduces the CO_2 foorprint of refrigerant production
- For all VRV units produced and sold in Europe*

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

VRV 5 BLUEVOLUTION

CO_2

LOOP BY DAIKIN

2 Efficiency

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

BREEAM®

ErP 2021 COMPLIANT

3 Comfort

NEW › Provide high Indoor Air Quality though seamless integration of AHU's (For R-32 and R-410A)
› Variable Refrigerant Temperature preventing cold draughts in cooling thanks to high outblow temperatures
› True continuous heating during defrost
› Presence and floor sensors direct the air flow away from persons, while ensuring an even temperature distribution
› Auto cleaning filters to ensure optimum air quality
NEW › UV Streamer kit, purifies the air of pollutants such as viruses, bacteria, fine dust (PM1), oudeurs, allergens, etc

4 Reliability

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

5 Design

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

6 Controls

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

amazon alexa
works with the Google Assistant

DAIKIN CLOUD SERVICE

7 Installation

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

7-segment display

8 Inventor of VRV with over 40 years of history

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

VRV
Variable Refrigerant Temperature

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

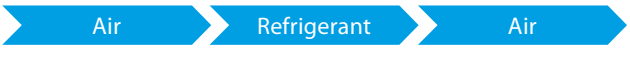
The VRV air conditioning system is the world's first individual air conditioning system with variable refrigerant flow control and was commercialised by Daikin in 1982. VRV is the trademark of Daikin Industries Ltd, which is derived from the technology we call "variable refrigerant volume". BREEAM is a registered trademark of BRE (the Building Research Establishment Ltd. Community Trade Mark E5778551). The BREEAM marks, logos and symbols are the Copyright of BRE and are reproduced by permission

But VRV is more…

Advantages of direct expansion (DX) systems

Highly efficient

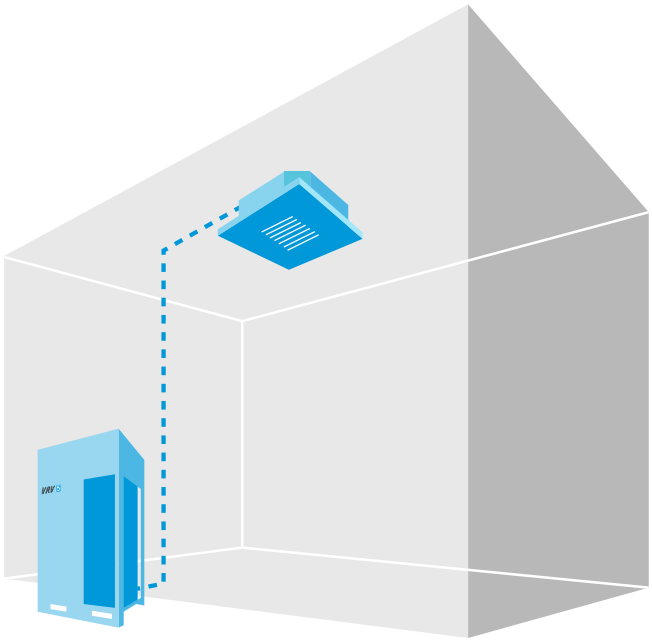
› Only 2 energy transfer steps maximise efficiency. Running costs of a water-based fan coil unit can be 40 to 72% higher compared to a VRV heat recovery system



max. 398kg for a 20HP unit

Limited space requirements

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



Quick and easy to install

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

Quick response to changing conditions

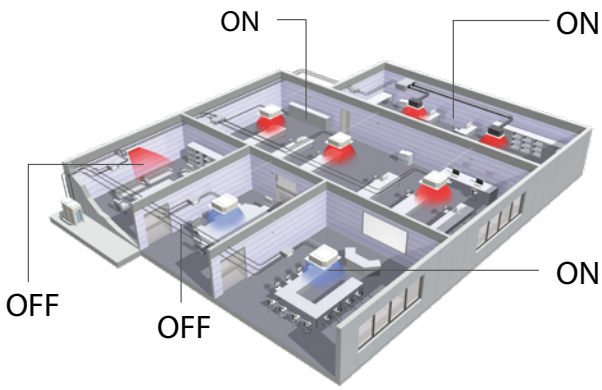
› Immediate reaction to changing conditions and precise control to 0.5°C thanks to electronic expansion valves, room thermostats, all inverter compressors and Variable Refrigerant Temperature

ALL INVERTER

Variable Refrigerant Temperature

Precise zone control

› Only condition areas in need for cooling or heating

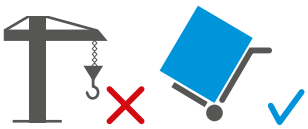


Very low indoor unit sound levels

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

Compact units

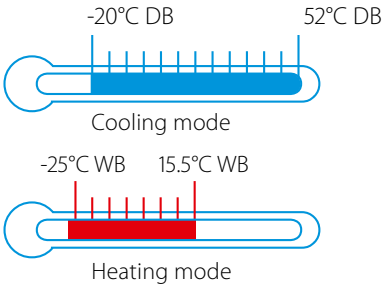
› Avoid the need for structural reinforcement or special equipment to lift units in place



Daikin VRV strong points

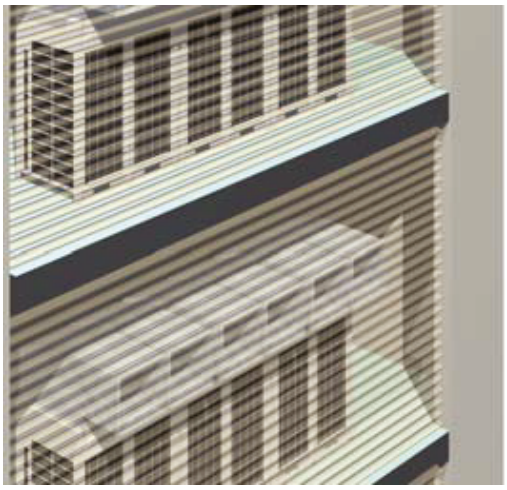
Great design flexibility

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



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

multi tenant



Indoor Installation of outdoor units

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

Reliable

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

High comfort levels

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

Simultaneous cooling and heating with heat recovery systems

VRV total solution

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

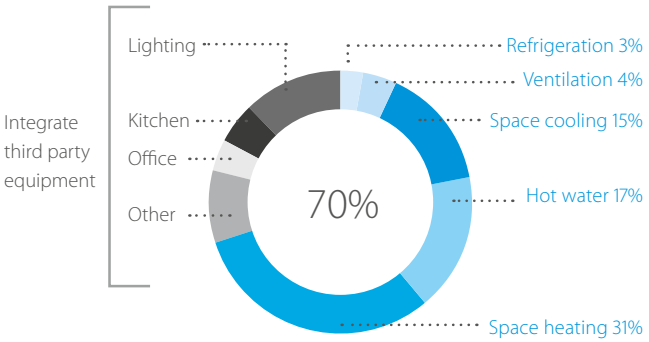
a total solution managing up to

70%

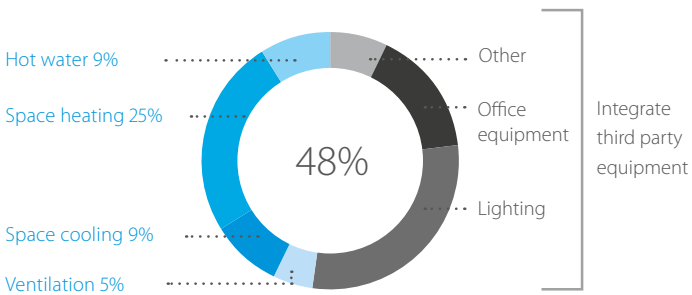
of a buildings energy consumption giving large potential to cost saving.

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

Average hotel energy consumption



Average office energy consumption



Offices
Efficiency in the workplace

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

Architect

Hotel
Hospitality with economy

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

Owner of a 5-star hotel

Shops
reducing retail costs

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

Retail shop representative

Residential
there is no place like home

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

VRV 5

R-32 BLUEVOLUTION

An R-32 system for every VRV application

VRV 5 S-series	VRV 5 Heat Recovery	VRV 5 Heat Pump
12.1kW	←	80kW
14.2kW	←	90kW

The most extensive range:

Indoor ventilation & control systems

KNX BACnet Interface

Modbus Interface LonWorks Interface

Start to decarbonize commercial buildings today!

Market-leading seasonal efficiency makes VRV5 more sustainable over it's entire lifecycle, reducing the indirect CO_2 eq. impact

Specifically built for lower GWP R-32 refrigerant, greatly reducing the reducing the potential direct CO_2 impact with 71% compared to R-410A systems

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

Ultra-flexible climate control

Wide piping flexibility to tackle any VRV application

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

Easily integrates HRV and AHU ventilation units

Connectable to all known Daikin smart controls, including Onecta app

5 low sound steps

High ESP fans allowing concealed installation

Shîrudo Technology truly sets VRV 5 apart

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

VRV 5 outdoor unit overview

Capacity class (kW)

	Model		Product name		4	5	6	8	10	12	13	14	16	18	20	22	24	26	28	VRV indoor units	Residential indoor units	Hydrobox	HRV units VAM	HRV units EKVDX	AHU connection	Air curtains	Remarks
	Cooling Capacity							22.4	28.0	33.5	36.4	40.0	45.0	50.4	56.0	61.5	67.4	73.5	78.5								
	Heating Capacity							25.0	31.5	37.5	41.0	45.0	50.0	56.5	63.0	69.0	75.0	82.5	87.5								
Air-cooled heat recovery	VRV 5 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 Shîrudo Technology › The perfect personal comfort thanks to simultaneous cooling and heating	REYA-A					●	●	●		●	●	●	●					○			○	○	○ NEW	○ NEW	
									●		●		●	●	●	●	●	●	●								
Air-cooled heat pump	NEW VRV 5 heat pump	› Reduced CO_2 equivalent thanks to the use of lower GWP refrigerant R-32 › Top sustainability over the entire lifecycle › Tackle any room thanks to Shîrudo Technology	RXYA-A					●	●	●		●	●	●	●					○			○	○	○ NEW	○ NEW	
										●	●		●		●												
	VRV 5 S-series	› 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 Shîrudo technology	RXYSA-AV1/AY1	1~	●	●	●													○			○	○	○ NEW	○ NEW	› Standard total system connection ratio limit: 50 ~ 130%
				3~	●	●	●	● NEW	● NEW	● NEW																	

● Single unit, ● Multi combination

Sound enclosure for VRV5 S-series

-10dB(A)!

- ☑ Specially designed for RXYSA4-5-6AV1/AY1
- ☑ 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

SHÎRUDO TECHNOLOGY

Shîrudo Technology truly sets VRV 5 apart

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

Shîrudo Technology ensures full peace of mind

Best in class design versatility: Shîrudo Technology allows easy installation of R-32 VRV in any room

Maximum installation flexibility, thanks to factory provided refrigerant control measures

3rd party certification according to the product standard IEC60335-2-40

Check out the Shîrudo Technology video!

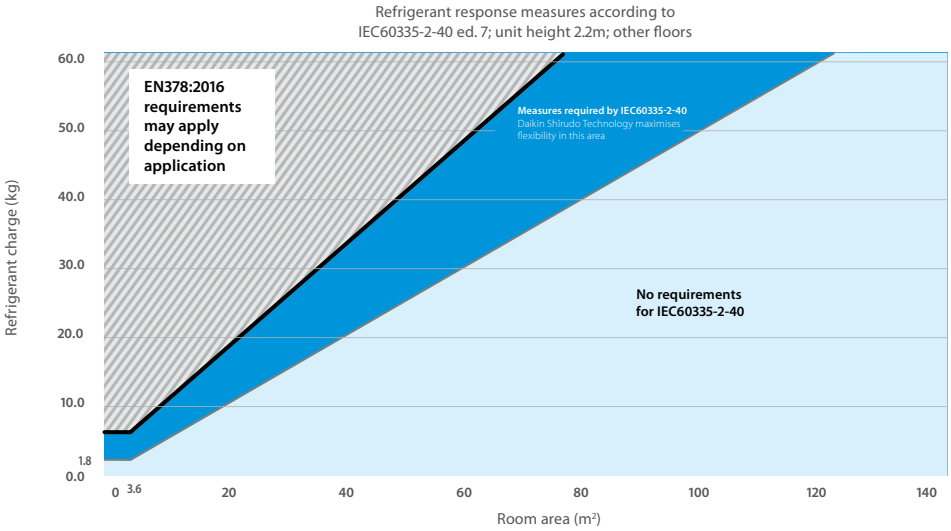
Did you know...

different standards regarding safety exist?

Refrigerants can be classified according to 2 safety groups:

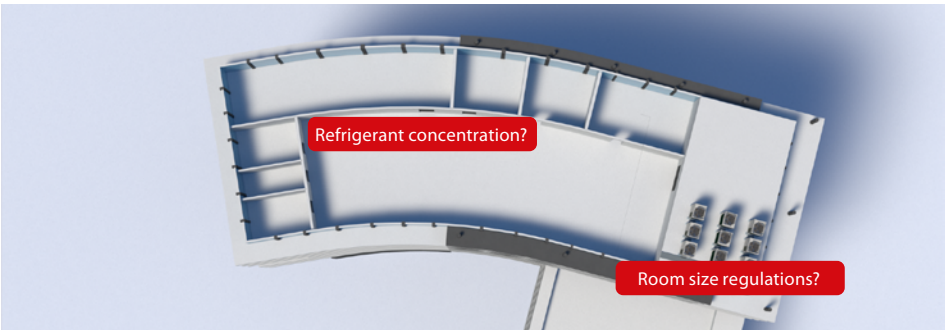
› Toxicity (A or B): covered by the generic standard on refrigerants **EN378:2016.**

› Flammability (1, 2L, 2, 3): covered by the specific heat pump standard **IEC60335-2-40** as it prevails over EN378:2016. Shîrudo Technology ensures full peace of mind with the IEC60335-2-40 standard.



With Shîrudo Technology you avoid:

› Additional installation and commissioning work
  › What type of safety measures to choose?
  › Where to place them?
  › What about the visual impact?
› Additional work and considerations in case of layout changes
› Periodic maintenance checks



What is included in Shîrudo Technology?

Leak detection sensor in every indoor unit

Audible & visual alarm in Madoka controller

Shutoff valves in the outdoor unit or SV box

Specially developed algorithms

Meet our superhero: VRV 5 Heat Recovery

Purpose-built to support the decarbonisation of commercial buildings

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

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

Help your customers reduce their CO_2 footprint now while enjoying maximum comfort and ease of use. Visit **www.daikin.eu/VRV5HR** to learn more about the VRV 5 Heat Recovery unit.

Advantages
of 3-pipe technology

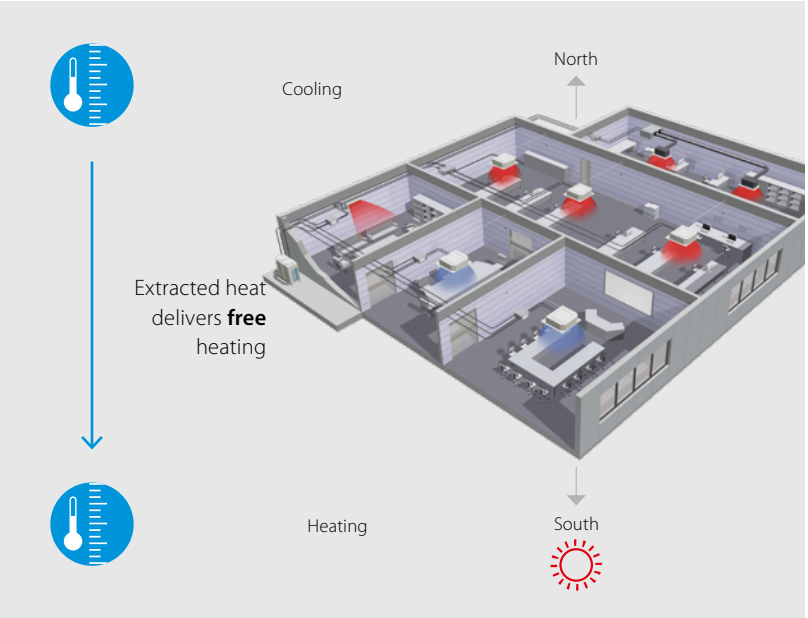
"Free" heat production

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

Maximum comfort

A VRV heat recovery system allows simultaneous cooling and heating.

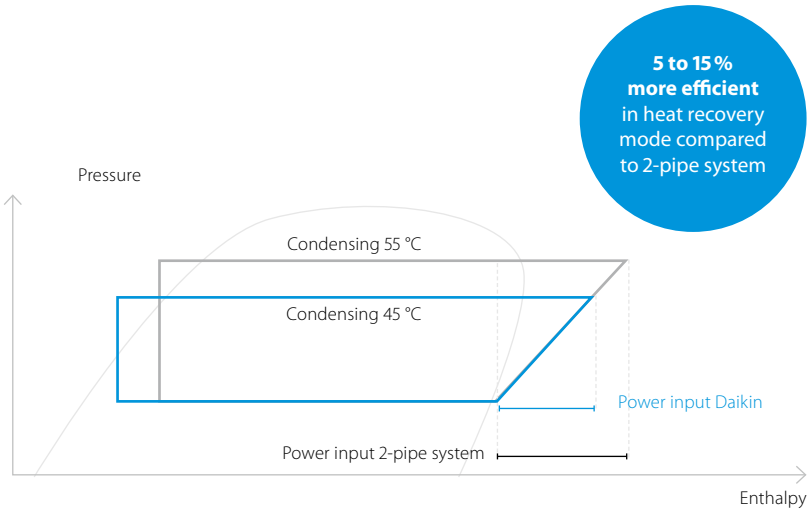
› For hotel owners, this means they can freely choose between cooling or heating to create a perfect environment for guests.
› For offices, it means a perfect working indoor climate for both north and south-facing offices.



More "free" heat

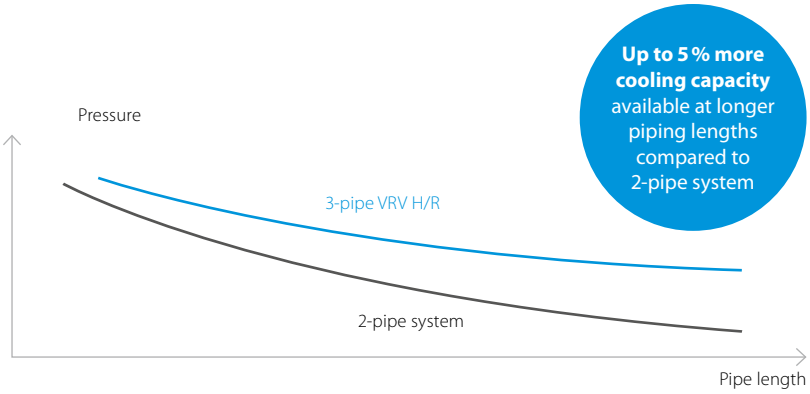
Daikin 3-pipe technology needs less energy to recover heat, meaning significantly higher efficiency during heat recovery mode. Our system can recover heat at a low condensing temperature because it has dedicated gas, liquid and discharge pipes.

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



Lower pressure drop means more efficiency

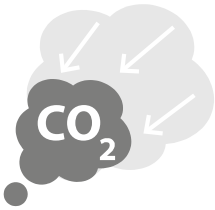
› Smooth refrigerant flow in 3-pipe system thanks to 2 smaller gas pipes results in higher energy efficiency
› Disturbed refrigerant flow in large gas pipe on 2-pipe system results in larger pressure drop



VRV 5 Heat Recovery

Purpose-built to support the decarbonisation of commercial buildings

- Reduced CO_2 equivalent thanks to the use of lower GWP R-32 refrigerant and lower refrigerant charge
- Single component refrigerant, easy to re-use and recycle
- Greatest sustainability over the entire lifecycle, thanks to market leading real-life seasonal efficiency
- "Free" heating through efficient 3-pipe heat recovery, transferring heat from areas requiring cooling to areas requiring heating
- Tackle small room applications without any additional measures, thanks to Shîrudo technology
- Specially designed indoor units for R-32, ensuring low sound and maximum efficiency
- Simultaneous cooling and heating for the perfect personal comfort of guests/tenants
- Like for like R-410A installation flexibility with piping lengths up to 165 meters and a total length of 1,000 meters
- Sound pressure down to 40 dB(A) thanks to 5 low sound steps
- ESP up to 78 Pa to allow ducting
- Wide operation range of up to +46°C in cooling and down to -20°C in heating
- Incorporates VRV 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



Lower CO_2 equivalents

5 low sound steps

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

REYA-A

Outdoor unit			REYA	8A	10A	12A	14A	16A	18A	20A
Capacity range			HP	8	10	12	14	16	18	20
Cooling capacity	Prated,c		kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0
Heating capacity	Prated,h		kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0
	Max.	6°CWB	kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0
Recommended combination				4 x FXFA50A2VEB	4 x FXFA63A2VEB	6 x FXFA50A2VEB	1 x FXFA50A2VEB + 5 x FXFA63A2VEB	4 x FXFA63A2VEB + 2 x FXFA80A2VEB	3 x FXFA50A2VEB + 5 x FXFA63A2VEB	8 x FXFA63A2VEB
ηs,c			%	290.8	282.6	285.3	306.1	281.0	280.6	262.2
ηs,h			%	161.5	170.2	176.4	168.3	167.5	172.5	162.7
SEER				7.35	7.14	7.21	7.73	7.10	7.09	6.63
SCOP				4.11	4.33	4.49	4.28	4.26	4.39	4.14
Maximum number of connectable indoor units				64						
Indoor index connection	Min.			100	125	150	175	200	225	250
	Max.			260	325	390	455	520	585	650
Dimensions	Unit	HeightxWidthxDepth	mm	1,685x930x765			1,685x1,240x765			
Weight	Unit		kg	213			296		319	
Sound power level	Cooling	Nom.	dBA	78.3	78.8	82.5	78.7	83.7	83.4	87.9
Sound pressure level	Cooling	Nom.	dBA	56.3	58.0	60.8	58.1	61.4	63.0	67.0
Operation range	Cooling	Min.~Max.	°CDB	-5~46						
	Heating	Min.~Max.	°CWB	-20~16						
Refrigerant	Type/GWP			R-32/675.0						
	Charge		kg/TCO2Eq	9.00/6.08			10.6/7.16			
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	1,000						
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)		A	20	25	32		40		50

Completely redesigned BSSV boxes for faster installation and easier servicing

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
Cooling capacity	Prated,c			kW	28.0	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5
Heating capacity	Prated,h			kW	28.0	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5
	Max.	6°CWB		kW	32.0	41.0	50.0	56.5	62.5	69.0	75.0	82.5	87.5
Recommended combination					4 x FXFA63A2VEB	3 x FXFA50A2VEB + 3 x FXFA63A2VEB	4 x FXFA63A2VEB + 2 x FXFA80A2VEB	4 x FXFA50A2VEB + 4 x FXFA63A2VEB	10 x FXFA50A2VEB	6 x FXFA50A2VEB + 4 x FXFA63A2VEB	4 x FXFA50A2VEB + 4 x FXFA63A2VEB + 2 x FXFA80A2VEB	7 x FXFA50A2VEB + 5 x FXFA63A2VEB	6 x FXFA50A2VEB + 4 x FXFA63A2VEB + 2 x FXFA80A2VEB
ηs,c				%	301.9	296.5	293.0	287.5	287.6	283.6	283.4	296.2	282.8
ηs,h				%	160.6	161.5	170.9	170.5	172.2	173.3	165.2	172.0	171.5
SEER					7.62	7.49	7.40	7.26	7.27	7.17	7.16	7.48	7.15
SCOP					4.09	4.11	4.35	4.34	4.38	4.41	4.20	4.38	4.36
Maximum number of connectable indoor units					64								
Indoor index connection	Min.				125	163	200	225	250	275	300	325	350
	Max.				325	423	520	585	650	715	780	845	910
Piping connections	Liquid	OD		mm	9.52	12.7						15.9	
	Gas	OD		mm	19.1	22.2			28.6				
	HP/LP gas	OD		mm	15.90	19.10			22.20				
	Total piping length	System	Actual	m	500					1,000			
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415								
Current - 50Hz	Maximum fuse amps (MFA)			A	40			50		63			

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

Actual number of connectable indoor units depends on the indoor unit type and the connection ratio restriction for the system (50% ≤ CR ≤ 120%) | Contains fluorinated greenhouse gases

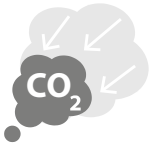
Multi branch selector (BSSV) for VRV 5 Heat Recovery

Specifically developed for lower GWP R-32

› **Reduced CO_2 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 CO_2 equivalent

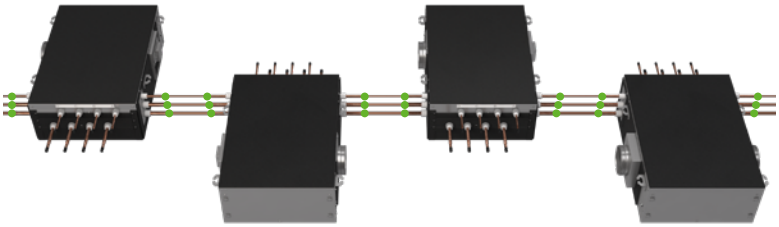
SHÎRUDO TECHNOLOGY

Flexibility to take care of every room

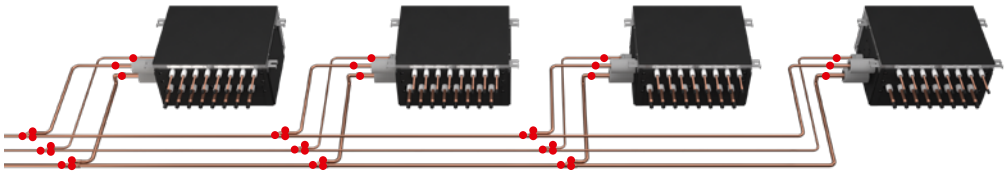
Completely redesigned for faster installation and easier servicing

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

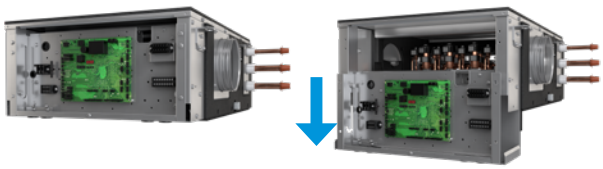
VRV 5: only 24 brazings point and no joint kits



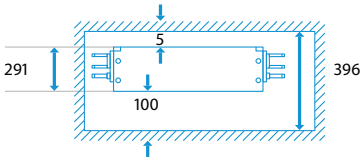
VRV IV: 39 brazing points and 3 joint kits



› Easy servicing in false ceillings thanks to **sliding down PCB**



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



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

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

BS6A14AV1B

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

BS-A14AV1B

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

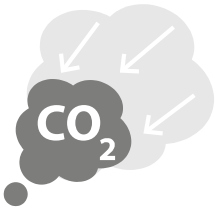
Contains fluorinated greenhouse gases | (1) Refer to Xpress selection software to ensure compliance to specific product standard. Field supplied duct and fan might be required to install the BS box in very small spaces | (2) Accessory pipe required | (3) When connecting indoor units smaller or equal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

NEW RXYA-A

VRV 5 Heat Pump

Purpose-built to support the decarbonisation of commercial buildings

- Reduced CO_2 equivalent thanks to the use of lower GWP R-32 refrigerant and lower refrigerant charge
- Single component refrigerant, easy to re-use and recycle
- Greatest sustainability over the entire lifecycle, thanks to market leading real-life seasonal efficiency
- Tackle small room applications without any additional measures, thanks to Shîrudo Technology
- Specially designed indoor units for R-32, ensuring low sound and maximum efficiency
- Like for like R-410A installation flexibility with piping lengths up to 165 meters and a total length of 1,000 meters
- Sound pressure down to 40 dB(A) thanks to 5 low sound steps
- ESP up to 78 Pa to allow ducting
- Wide operation range of up to +46°C in cooling and down to -20°C in heating
- Incorporates VRV standards & technologies: Variable Refrigerant Temperature, continuous heating, VRV configurator, 7 segment display and full inverter compressors, 4-side heat exchanger, refrigerant cooled PCB



Lower CO_2 equivalents

5 low sound steps

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

RXYA-A

Outdoor unit			RXYA	8A	10A	12A	14A	16A	18A	20A
Capacity range			HP	8	10	12	14	16	18	20
Cooling capacity	Prated,c		kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0
Heating capacity	Prated,h		kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0
	Max.		kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0
Recommended combination				4xFXFA50A2VEB	4xFXFA63A2VEB	6xFXFA50A2VEB	1xFXFA50A2VEB + 5xFXFA63A2VEB	4xFXFA63A2VEB + 2xFXFA80A2VEB	3xFXFA50A2VEB + 5xFXFA63A2VEB	8xFXFA63A2VEB
ηs,c			%	287.3	279.3	278.7	302.2	276.6	271.6	257.6
ηs,h			%	161.1	170.4	179.5	170.2	170.2	170.2	161.4
SEER				7.26	7.06	7.04	7.67	6.99	6.87	6.52
SCOP				4.11	4.33	4.49	4.28	4.26	4.39	4.14
Maximum number of connectable indoor units				64						
Indoor index connection	Min.			100	125	150	175	200	225	250
	Max.			260	325	390	455	520	585	650
Dimensions	Unit	HeightxWidthxDepth	mm	1,685x930x765			1,685x1,240x765			
Weight	Unit		kg	214			297		320	
Sound power level	Cooling	Nom.	dBA	78.3	78.8	82.5	79.5	83.7	83.4	87.9
	Heating	Nom.	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	59.0	61.6	63.0	67.0
Operation range	Cooling	Min.~Max.	°CDB	-5 ~46						
	Heating	Min.~Max.	°CWB	-20 ~16						
Refrigerant	Type/GWP			R-32/675.0						
	Charge		kg/TCO2Eq	9.00/6.08			10.6/7.16			
Piping connections	Liquid	OD	mm	9.52		12.7				
	Gas	OD	mm	19.1		22.2		28.6		
	Total piping length	System Actual	m	1,000						
	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)		A	20	25	32		40		50

RXYA8-12A

Widest R-32 VRV range in the market

Outdoor unit System			RXYA	10A	13A	16A	18A	20A
System	Outdoor unit module 1			RYMA5A		RXYA8A		
	Outdoor unit module 2			RYMA5A	RXYA8A		RXYA10A	RXYA12A
Capacity range			HP	10	13	16	18	20
Cooling capacity	Prated,c		kW	28	36.4	44.8	50.4	55.9
Heating capacity	Prated,h		kW	28	36.4	44.8	50.4	55.9
	Max.		kW	32	41	50	56.5	62.5
Recommended combination				4xFXFA63A2VEB	3xFXFA50A2VEB + 3xFXFA63A2VEB	4xFXFA63A2VEB + 2xFXFA80A2VEB	4xFXFA50A2VEB + 4xFXFA63A2VEB	10xFXFA50A2VEB
ηs,c			%	299.1%	293.8%	281.9%	284.1%	283.2%
ηs,h			%	160.6%	161.5%	170.9%	170.5%	172.2%
SEER				7.55	7.42	7.12	7.18	7.16
SCOP				4.09	4.11	4.35	4.34	4.38
Maximum number of connectable indoor units				64				
Indoor index connection	Min.			125	163	200	225	250
	Max.			325	423	520	585	650
Sound power level	Cooling		dBA	81.3	81.3	81.3	81.6	83.9
Sound pressure level	Cooling		dBA	59.3	59.3	59.3	60.2	62.1
Piping connections	Liquid	OD	mm	9.5	12.7	12.7	12.7	12.7
	Gas	OD	mm	19.1	22.2	28.6	28.6	28.6
	Equilizing pipe			19.1	19.1	19.1	19.1	19.1
	Total piping length	System Actual	m	500				
Power supply	Name			Y1				
	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415				
Current - 50Hz	Maximum fuse amps (MFA)		A	40	40	40	50	50

Outdoor unit			RXMA	5A
Dimensions	Unit	HeightxWidthxDepth	mm	1,685x930x765
Weight	Unit		kg	214
Sound power level	Cooling	Nom.	dBA	78.3
	Heating	Nom.	dBA	79.4
Sound pressure level	Cooling	Nom.	dBA	56.3
Operation range	Cooling	Min.~Max.	°CDB	-5 ~46
	Heating	Min.~Max.	°CWB	-20 ~16
Refrigerant	Type/GWP			R-32/675.0
	Charge		kg/TCO2Eq	9.00/6.08
	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

VRV 5 S-series

Lower CO_2 equivalent and market-leading flexibility

- Reduced CO_2 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 Shîrudo technology
- Specially designed indoor units for R-32, ensuring low sound and maximum efficiency

RXYSA-AV1_AY1

Extention with 8,10,12 HP unit!

Reduced CO_2 equivalent

Flexibility to take care of every room

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

RXYSA-AV1 RXYSA-AY1

Outdoor unit			RXYSA	4AV1	5AV1	6AV1	4AY1	5AY1	6AY1	NEW 8AY1	NEW 10AY1	NEW 12AY1
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				3x FXSA25A2VEB + 1x FXSA32A2VEB	4x FXSA32A2VEB	2x FXSA32A2VEB + 2x FXSA40A2VEB	3x FXSA25A2VEB + 1x FXSA32A2VEB	4x FXSA32A2VEB	2x FXSA32A2VEB + 2x FXSA40A2VEB	4 x FXSA50A2VEB	4 x FXSA63A2VEB	6 x FXSA50A2VEB
ηs,c			%	324.5	306.1	301.0	312.5	294.8	289.9	251.4%	274.2%	255.8%
ηs,h			%	200.5	185.7	183.6	193.1	178.8	176.8	173.8%	173.8%	182.6%
SEER				8.2	7.7	7.6	7.9	7.4	7.3	6.4	6.9	6.5
SCOP				5.1	4.7		4.9	4.5		4.4	4.4	4.6
Maximum number of connectable indoor units				13 (1)	16 (1)	18 (1)	13 (1)	16 (1)	18 (1)	26 (1)	32 (1)	39 (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	869x1,100x460						1,430x940x320	1,615x940x460	
Weight	Unit		kg	102						144	180	
Sound power level	Cooling	Nom.	dBA	67.0	68.1	69.0	67.0	68.1	69.0	73.2	74.0	76.1
	Heating	Prated,h	dBA	69.0	70.0	71.0	69.0	70.0	71.0	73.5	74.0	76.0
Sound pressure level	Cooling	Nom.	dBA	49.0	51.0		49.0	51.0		58.1	57.0	60.0
Operation range	Cooling	Min.~Max.	°CDB	-5 ~46						-5~52		
	Heating	Min.~Max.	°CWB	-20 ~16						-20~15.5		
Refrigerant	Type/GWP			R-32/675.0						R-32/675.0		
	Charge		kg/TCO2Eq	3.40/2.30						5.2/3.51	7/4.73	7.1/4.79
Piping connections	Liquid	OD	mm	9.52						9.5	9.5	12.7
	Gas	OD	mm	15.9						19.1	19.1	22.2
	Total piping length	System Actual	m	300						300		
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240			3N~/50/380-415			3N~/50-60/380-415		
Current - 50Hz	Maximum fuse amps (MFA)		A	32			16			25		32

(1)The actual number of units depends on the connection ratio (CR) and the restrictions for the system. | Contains fluorinated greenhouse gases

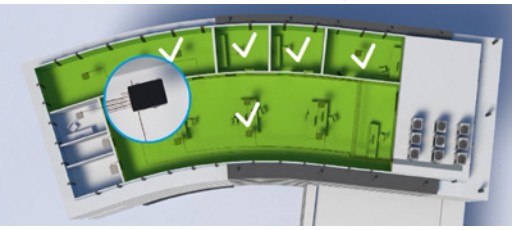
*Note: blue cells contain preliminary data

Optional Shut off valve box (SV) for VRV 5 Heat Pump

SV4A14A

To tackle even the most stringent applications in a future proof way

- For the vast majority of applications the factory integrated measures tackle the IEC requirements.
- In case of very small rooms an optional SV box ensures compliance to IEC60335-2-40 for any room.



- No limitation on room size
- Fast installation thanks to Refrigerant Flow Through reducing the number of brazing points and joint kits
- Easy servicing in false ceilings thanks to sliding down PCB
- Limited ceiling void required as the box can be installed at just 5mm from the ceiling
- Up to 16kW capacity available per port
- Connect up to 250 class unit (28kW) by combining 2 ports
- Connectable to RXYA-A and RXYSA8-10-12AY1 units

Combination table

	RXYSA4-5-6AV1/AY1	RXYSA8-10-12AY1	RXYA-A
SV1A25A	-	✓	✓
SV6A14A	-	✓	✓
SV8A14A	-	✓	✓

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

SV-A

Branch selector				BS	SV1A25AJV1B	SV*A14AJV1B		
Amount of ports					1	4	6	8
Maximum number of connectable indoor units					5	20	30	40
Maximum number of connectable indoor units per branch					5	5	5	5
Number of branches					1	4	6	8
Maximum capacity index of connectable indoor units					250	400	600	650
Maximum capacity index of connectable indoor units per branch					250	140 per port 250 if 2 ports are combined		
Dimensions	Unit	HeightxWidthxDepth		mm	291x600x845	291x1,000x845		
Piping connections	Outdoor unit or Refrigerant Flow Through	Liquid	Type		Brazing connection			
			OD	mm	15.9			
		Gas	Type		Brazing connection			
			OD	mm	22.2			
	Indoor unit	Liquid	Type		Brazing connection			
			OD	mm	6.35/9.52(1)			
		Gas	Type		Brazing connection			
			OD	mm	9.52/12.7(1)/15.9(1)/19.1(2)	9.52/12.7(1)/15.9(1)		
	Drain				VP20 (I.D. 20/O.D. 26)			
Units connected in Refrigerant Flow Through	Maximum allowed amount of BS/SV units.				4			
	Maximum total number of ports of BS/SV units				16			
	Maximum total capacity index of indoor unit				650			
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			

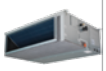
(1) Can be used by cutting pipe | (2) Accessory pipe needed

*Note: blue cells contain preliminary data

With new Madoka BRC1H52W/S/K!

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		●	●	●	●	●	●								
	NEW 1-way blow cassette	1-way blow unit for corner installation › Compact dimensions enable installation in narrow ceiling voids › Flexible installation thanks to different air discharge options › New modern decoration panel	FXKA-A			●	●	●	●	●								
Concealed ceiling	Slim concealed ceiling unit	Slim design for flexible installation › Compact dimensions enable installation in narrow ceiling voids › Medium external static pressure up to 44Pa › Only grilles are visible › Small capacity unit developted for small of well-insulated rooms › Reduced energy consumption thanks to DC fan motor	FXDA-A	●	●	●	●	●	●	●	●							
	Concealed ceiling unit with medium ESP	Slimmest yet most powerfull medium static pressure unit on the market! › Slimmest unit in class, only 245mm › Low operating sound level › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths › Automatic air flow adjustment function measures the air volume and static pressure and adjusts it towards the nominal air flow, guaranteeing comfort	FXSA-A UNIQUE FOR R-32		●	●	●	●	●	●	●		●	●	●	●		
	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	Wall mounted unit	For rooms with no false ceilings nor free floor space › Flat, stylish front panel is more easy to clean › Small capacity unit developted 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

UV Streamer kit

Available summer '24

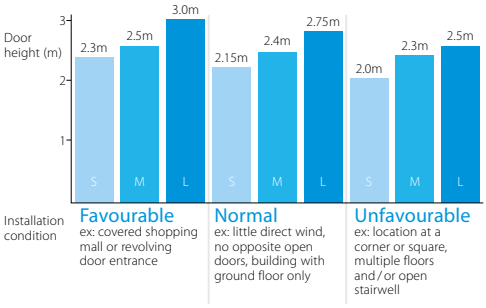
Auto cleaning filter option

(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

Biddle air curtains

Type	Product name		Model
Free-hanging	CYA-S/M/L-DK-F		Easy wall mounted installation › Connectable to ERQ and VRV units › Unified range for R-32 and R-410A refrigerant › Payback period of less then 1.5 years compared to installing an electric air curtain
Cassette	CYA-S/M/L-DK-C		Mounted into a false ceiling leaving only the decoration panel visible › Connectable to ERQ and VRV units › Unified range for R-32 and R-410A refrigerant › Payback period of less then 1.5 years compared to installing an electric air curtain
Recessed	HXHD-A8		Neatly concealed in the ceiling › Connectable to ERQ and VRV units › Unified range for R-32 and R-410A refrigerant › Payback period of less then 1.5 years compared to installing an electric air curtain



VRV 5 indoor unit benefit overview

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

(1) Must be combined with Madoka wired remote controller.
(2) Pre filter
(3) BRC1H52W/S/K is a required option
(4) Only in combination with REYA outdoors

● standard, ○ optional

Concealed ceiling unit with high esp

Round flow cassette

Slim concealed ceiling unit

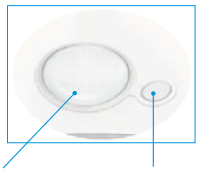
4-way blow ceiling suspended unit

Fully flat cassette

Complete indoor comfort, including pure air

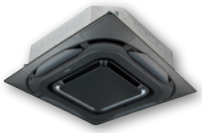
The round flow cassette

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

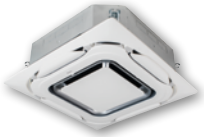


› **Widest ever choice in panels** to match any interior

Black auto cleaning panel


Black designer panel

Full white standard panel


White designer panel

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

› **UV streamer kit**

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

› Unique catch & clean approach includes an ISO ePM1 60% (F7) filter, UV-C light and Streamer technology

› Can be **retrofitted** into existing installations

UV STREAMER

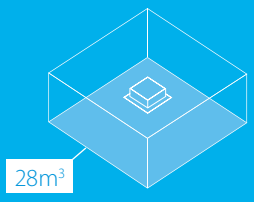
99.9%
of viruses removed in 30 minutes, thanks to Daikin's unique
Catch & Clean approach

Tested at Intertek

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

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

Tested according to real life sized room



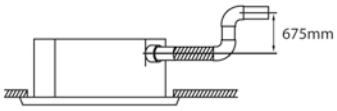
intertek
DAIKIN INDUSTRIES CZECH REPUBLIC s.r.o.
EFFICACY TEST REPORT

View full test report:

Round flow cassette

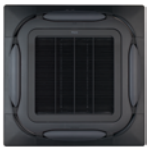
360° air discharge for optimum efficiency and comfort

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



White panel

White auto cleaning panel


Black panel

Black design panel

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

FXFA-A

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

Contains fluorinated greenhouse gases

Fully Flat Cassette

Design & Genius in one

Why choose fully flat cassette

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

› Advanced technology and top efficiency combined

› Most quiet cassette available on the market

FXZQ-A

Choice between grey or white panel

Benefits for the installer

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

Benefits for the consultant

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

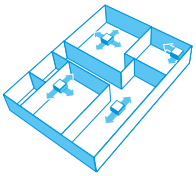
Benefits for the end user

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

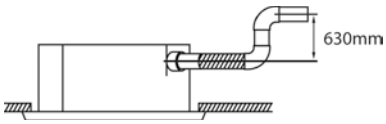
Fully flat cassette

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

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



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



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

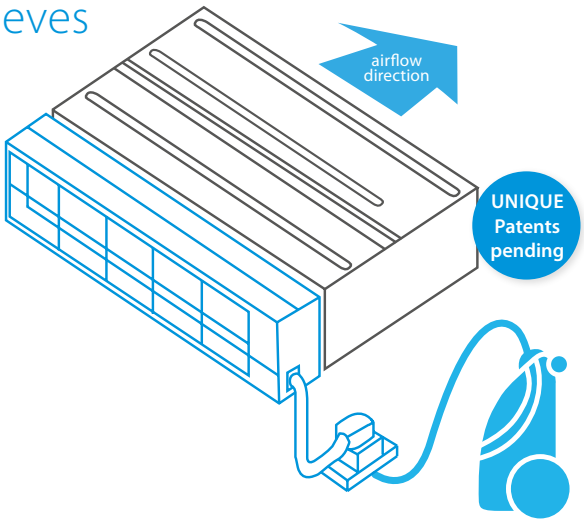
FXZA-A

Indoor Unit				FXZA	15A	20A	25A	32A	40A	50A
Cooling capacity	Total capacity	At high fan speed		kW	1.70	2.20	2.80	3.60	4.50	5.60
Heating capacity	Total capacity	At high fan speed		kW	1.90	2.50	3.20	4.00	5.00	6.30
Power input - 50Hz	Cooling	At high fan speed		kW	0.018		0.020	0.019	0.029	0.048
	Heating	At high fan speed		kW	0.018		0.020	0.019	0.029	0.048
Dimensions	Unit	HeightxWidthxDepth		mm	260x575x575					
Weight	Unit			kg	15.5			16.5		18.5
Casing	Material				Galvanised steel plate					
Decoration panel	Model				BYFQ60C4W1W					
	Colour				White (N9.5)					
	Dimensions	HeightxWidthxDepth		mm	46x620x620					
	Weight			kg	2.8					
Decoration panel 2	Model				BYFQ60C4W1S					
	Colour				SILVER					
	Dimensions	HeightxWidthxDepth		mm	46x620x620					
	Weight			kg	2.8					
Decoration panel 3	Model				BYFQ60B3W1 + wire harness EKRS23					
	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	8.5/7.0/6.5	8.7/7.5/6.5	9.0/8.0/6.5	10.0/8.5/7.0	11.5/9.5/8.0	14.0/12.5/10.0
		Heating	At high / medium / low fan speed	m^3/min	8.5/7.0/6.5	8.7/7.5/6.5	9.0/8.0/6.5	10.0/8.5/7.0	11.5/9.5/8.0	14.0/12.5/10.0
Air filter	Type				Resin net					
Sound power level	Cooling	At high fan speed		dBA	49		50	51	54	60
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	43.0/40.0/33.0
	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
Refrigerant	Type/GWP				R-32/675.0					
Piping connections	Liquid	OD		mm	6.35					
	Gas	OD		mm	9.52				12.70	
	Drain				VP20 (I.D. 20/O.D. 26)					
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)			A	6					
Control systems	Infrared remote control				BRC7F530W (white panel) / BRC7F530S (grey panel) / BRC7EB530W (standard panel) (1)					
Control systems	Wired remote control				BRC1H52W/S/K					

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

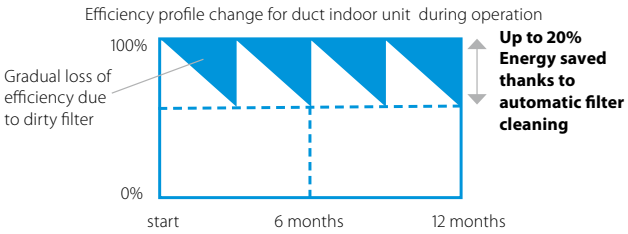
Auto cleaning filter for concealed ceiling units

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



Reduce running costs

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



Minimal time required for filter cleaning

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

Improved indoor air quality

› Optimum airflow eliminates draft and insulates sound

Superb reliability

› Prevents clogged filters for seamless operation

Unique technology

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

How does it work?

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

Combination table

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

Specifications

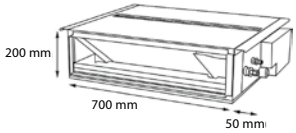
	BAE20A62	BAE20A82	BAE20A102
Height (mm)	210		
Width (mm)	830	1,030	1,230
Depth (mm)	188		

Slim concealed ceiling unit

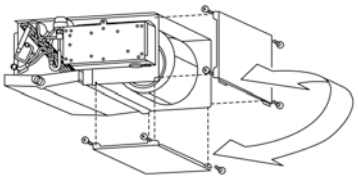
Slim design for flexible installation

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

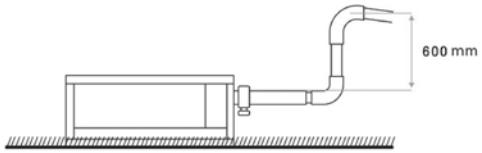
SERIE A (15, 20, 25, 32)

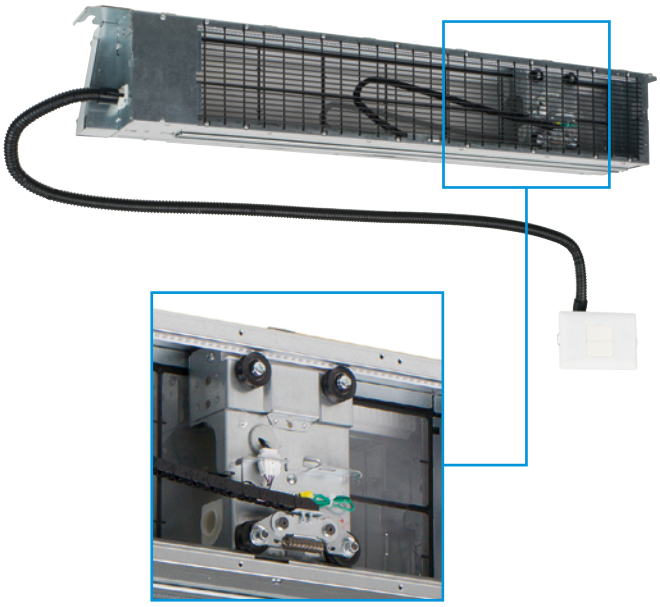


- Medium external static pressure up to 44Pa facilitates unit use with flexible ducts of varying lengths
- Discretely concealed in the wall: only the suction and discharge grilles are visible
- Optional auto cleaning filter option ensures maximum efficiency, comfort and reliability by regular filter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



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





Auto cleaning filter option

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

FXDA-A

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			kg	22.0		23.0			26.5		30.5
Casing	Material				Galvanised steel							
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m^3/min	5.2/4.9/4.7	6.5/6.2/5.8	8.0/7.2/6.4			10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0
		Heating	At high / medium / low fan speed	m^3/min	5.2/4.9/4.7	6.5/6.2/5.8	8.0/7.2/6.4			10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0
	External static pressure - 50Hz	Factory set / High		Pa	10/30					15/44		
Air filter	Type				Removable / washable							
Sound power level	Cooling	At high fan speed		dBA	48	50	51			52	53	54
Sound pressure level	Cooling	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
	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
Refrigerant	Type/GWP				R-32/675.0							
Piping connections	Liquid	OD		mm	6							
	Gas	OD		mm	9.52					12.70		
	Drain				VP20 (I.D. 20/O.D. 26)							
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220							
Current - 50Hz	Maximum fuse amps (MFA)			A	6							
Control systems	Infrared remote control				BRC4C65 (1)							
	Wired remote control				BRC1H52W/S/K							

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

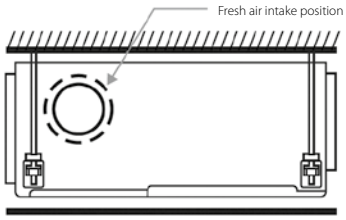
Concealed ceiling unit with medium ESP

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

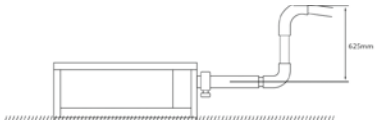
- Quiet operation: down to 25dBA sound pressure level
- Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Discretely concealed in the wall: only the suction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

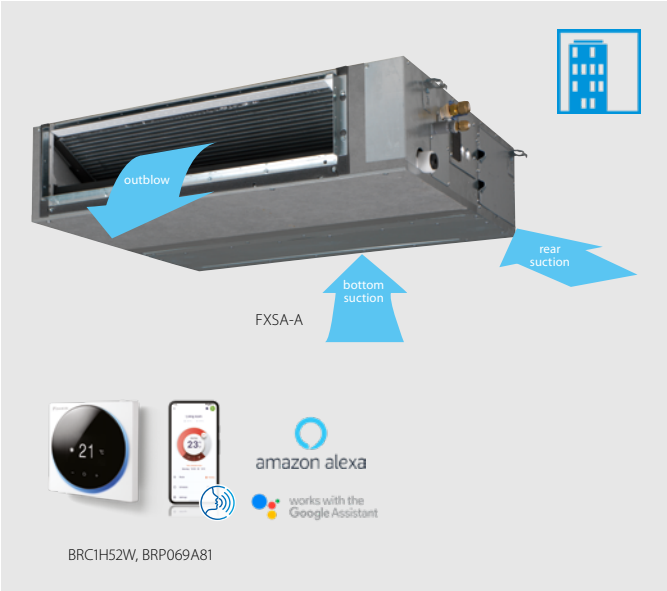
Fresh air intake opening in casing



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

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





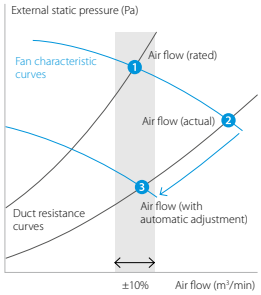
Automatic Airflow Adjustment function

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

Why?

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

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



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

FXSA-A

Indoor Unit				FXSA	15A	20A	25A	32A	40A	50A	63A	80A	100A	125A	140A
Cooling capacity	Total capacity	At high fan speed		kW	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	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
		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	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	36.0/34.0/31.0	39.0/36.0/33.0	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		
	Gas	OD		mm	9.52				12.70				15.90		
	Drain				VP20 (I.D. 20/O.D. 26), drain height 625 mm										
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220										
Current - 50Hz	Maximum fuse amps (MFA)			A	6										
Control systems	Infrared remote control				BRC4C65 / BRC4C66 (1)										
	Wired remote control				BRC1H52W/S/K										

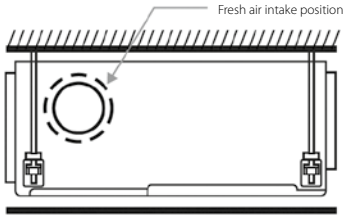
(1) Must be combined with Madoka wired remote controller | Contains fluorinated greenhouse gases

Concealed ceiling unit with high ESP

Ideal for large sized spaces ESP up to 250 Pa

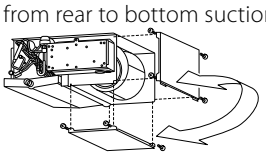
- Optimised design for R-32 refrigerant
- High external static pressure up to 250Pa facilitates extensive duct and grille network
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Discretely concealed in the wall: only the suction and discharge grilles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

Fresh air intake opening in casing

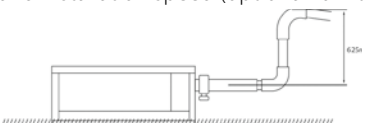


* Brings in up to 10% of fresh air into the room

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



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



- Large capacity unit: up to 31.5 kW heating capacity

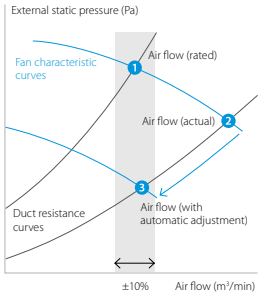
Automatic Airflow Adjustment function

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

Why?

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

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



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

FXMA-A

Indoor Unit				FXMA	50A	63A	80A	100A	125A	200A	250A
Cooling capacity	Total capacity	At high fan speed		kW	5.6	7.1	9.0	11.2	14.0	22.4	28.0
	Nom.			kW			-			22.4	28.0
Heating capacity	Total capacity	At high fan speed		kW	6.3	8.0	10.0	12.5	16.0	25.0	31.5
	Nom.			kW			-			25.0	31.5
Power input - 50Hz	Cooling	At high fan speed		kW	0.125	0.140	0.198	0.191	0.254	0.54	0.65
	Heating	At high fan speed		kW	0.125	0.140	0.198	0.191	0.254	0.54	0.65
Required ceiling void >				mm	350					-	
Dimensions	Unit	HeightxWidthxDepth		mm	300x1,000x700			300x1,400x700		470x1,490x1,100	
Weight	Unit			kg	35			46		105	115
Casing	Material				Galvanised steel plate						
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m^3/min	18.0/16.5/15.0	19.5/17.5/16.0	25.0/22.5/20.0	32.0/27.0/23.0	36.0/30.0/26.0	62/48/41	74/64/52
		Heating	At high / medium / low fan speed	m^3/min	18.0/16.5/15.0	19.5/17.5/16.0	25.0/22.5/20.0	32.0/27.0/23.0	36.0/30.0/26.0	62/48/41	74/64/52
	External static pressure - 50Hz	Factory set / High / Low		Pa	100/200/-					150/250/50	
Air filter	Type				Resin net					-	
Sound power level	Cooling	At high / medium / low fan speed		dBA	61.0/60.0/58.0	64.0/61.0/59.0	67.0/64.0/62.0	65.0/61.0/56.0	70.0/66.0/62.0	75/74/72	76/75/73
Sound pressure level	Cooling	At high / medium / low fan speed		dBA	41.0/39.0/37.0	42.0/40.0/38.0	43.0/41.0/39.0		44.0/42.0/40.0	48/46.5/45	
	Heating	At high / medium / low fan speed		dBA	41.0/39.0/37.0	42.0/40.0/38.0	43.0/41.0/39.0		44.0/42.0/40.0	48/46.5/45	
Refrigerant	Type/GWP				R-32/675						
Piping connections	Liquid	OD		mm	6.35			9.52			
	Gas	OD		mm	12.70			15.90		19.1	
	Drain				VP25 (I.D. 25/O.D. 32)					BSP1	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220					1~/50/60/220-240/220-230	
Current - 50Hz	Maximum fuse amps (MFA)			A	6						
Control systems	Infrared remote control				BRC4C65 / BRC4C66					BRC4C65	
	Wired remote control				BRC1H52W/S/K						

Contains fluorinated greenhouse gases

BLUEVOLUTION

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

3 fan speeds available!

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

FXAA-A

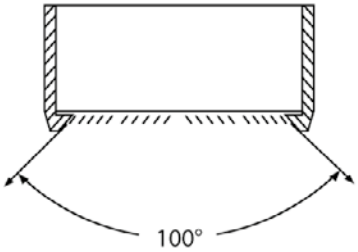
Indoor Unit				FXAA	15A	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	At high fan speed		kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Total capacity	At high fan speed		kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Power input – 50Hz	Cooling	At high fan speed		kW	0.017	0.019	0.028	0.030	0.025	0.033	0.050
	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
Sound pressure level	Cooling	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
	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

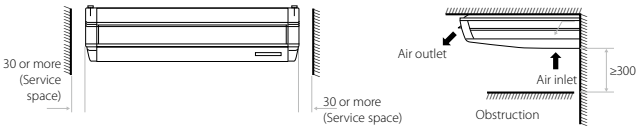
Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

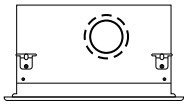
› Optimised design for R-32 refrigerant
› Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle



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



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



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

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

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

FXHA-A

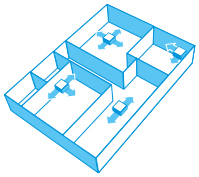
Indoor Unit				FXHA	32A	50A	63A	100A
Cooling capacity	Total capacity	At high fan speed		kW	3.6	5.6	7.1	11.2
	Nom.			kW	3.6	5.6	7.1	11.2
Heating capacity	Total capacity	At high fan speed		kW	4.0	6.3	8.0	12.5
	Nom.			kW	4.0	6.3	8.0	12.5
Power input - 50Hz	Cooling	At high fan speed		kW	0.033	0.037	0.051	0.086
	Heating	At high fan speed		kW	0.033	0.037	0.051	0.086
Dimensions	Unit	HeightxWidthxDepth		mm	235x960x690	235x1,270x690		235x1,590x690
Weight	Unit			kg	28	36		43
Casing	Material				Resin, sheet metal			
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m^3/min	12.5/11.0/10.0	16.0/14.0/12.5	17.5/15.0/13.0	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				Resinnet			
Sound power level	Cooling	At high / medium / low fan speed		dBA	54.0/52.0/49.0	54.0/52.0/50.0	55.0/53.0/52.0	62.0/55.0/52.0
Sound pressure level	Cooling	At high / medium / low fan speed		dBA	36.0/34.0/31.0	36.5/34.5/33.0	37.0/35.0/34.0	44.0/37.0/34.0
	Heating	At high / medium / low fan speed		dBA	36.0/34.0/31.0	36.5/34.5/33.0	37.0/35.0/34.0	44.0/37.0/34.0
Refrigerant	Type/GWP				R-32/675			
Piping connections	Liquid	OD		mm	6.35			9.52
	Gas	OD		mm	9.52	12.7		15.9
	Drain				VP20			
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220			
Current - 50Hz	Maximum fuse amps (MFA)			A	6			
Control systems	Infrared remote control				BRC7GA56 / BRC7GA53-9			
	Wired remote control				BRC1H52W/S/K / BRC1H82W/S/K			

Contains fluorinated greenhouse gases

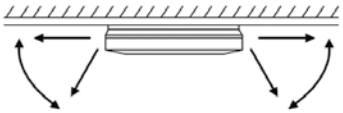
4-way blow ceiling suspended unit

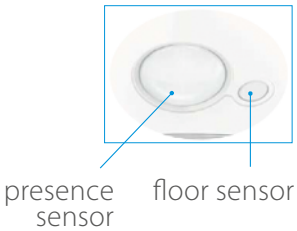
Unique Daikin unit for high rooms with no false ceilings nor free floor space

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

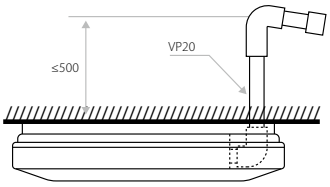


- Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating.
- Optimum comfort guaranteed with automatic air flow adjustment to the required load
- 5 different discharge angles between 0 and 60°can be programmed via the remote control





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



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

FXUA-A

Indoor Unit				FXUA	50A	71A	100A
Cooling capacity	Total capacity	At high fan speed		kW	5.6	8.0	11.2
	Nom.			kW	5.6	8.0	11.2
Heating capacity	Total capacity	At high fan speed		kW	6.3	9.0	12.5
	Nom.			kW	6.3	9.0	12.5
Power input - 50Hz	Cooling	At high fan speed		kW	0.029	0.055	0.117
	Heating	At high fan speed		kW	0.029	0.055	0.117
Dimensions	Unit	HeightxWidthxDepth		mm	198x950x950		
Weight	Unit			kg	27		28
Casing	Material				Resin		
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m^3/min	17.0/14.5/13.0	22.5/18.5/16.0	31.0/25.5/21.0
		Heating	At high / medium / low fan speed	m^3/min	17.0/14.5/13.0	22.5/18.5/16.0	31.0/25.5/21.0
Air filter	Type				Resin net		
Sound power level	Cooling	At high / medium / low fan speed		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	6.35		9.52
	Gas	OD		mm	12.7		15.9
	Drain				VP20		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220		
Current - 50Hz	Maximum fuse amps (MFA)			A	6		
Control systems	Infrared remote control				BRC7CB58 / BRC7CB59		
	Wired remote control				BRC1H52W/S/K		

Contains fluorinated greenhouse gases

Supporting a circular economy of refrigerants

LOOP BY DAIKIN

Towards a circular economy of refrigerants

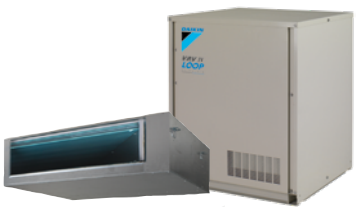
With L∞P by Daikin we want to step away from producing more waste. Instead we will reuse what is already available, in a qualitative way.

- **Saves over 400,000 kg of virgin refrigerant** being produced every year
- Greatly **reduces the CO_2 footprint of refrigerant production with 72%!**

For units produced and sold in Europe

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

The most extensive VRV range on the market

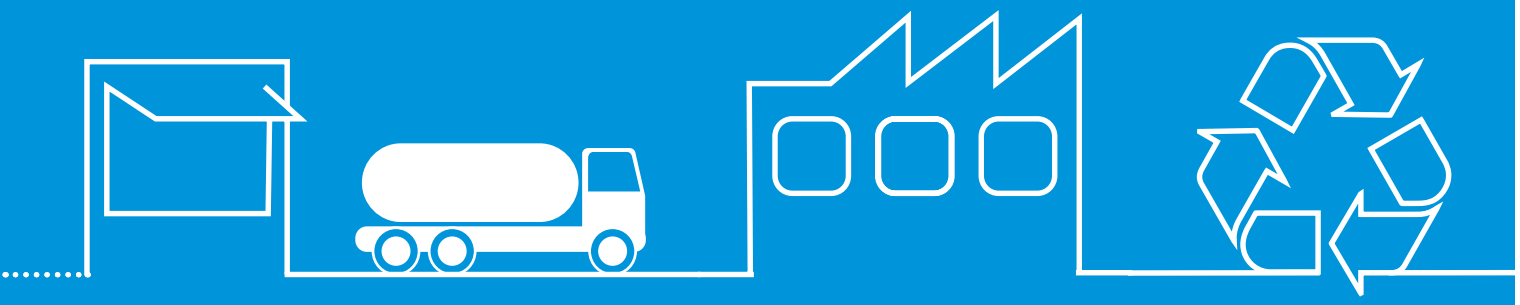


VRV i-series

VRV S-series

VRV W-series

Heat recovery, heat pump and replacement series



Recover

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

Reclaim

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

Reuse

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

400,000kgs/year

72% lower CO_2 fooprint for production

For every application, a solution

Heat recovery with unique 3-pipe technology

Heat pump models with unique continuous heating during defrost

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

Space saving mini VRV solutions, offering the most compact VRV

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

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

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

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

Products overview VRV IV

LOOP BY DAIKIN (1)

R-410A

	Model		Product name	4	5	6	8	10	12	13	14	16	18	20	22	24	26	28	30
Air cooled - heat recovery	UNIQUE VRV IV heat recovery	Best efficiency & comfort solution › Fully integrated solution with heat recovery for maximum efficiency › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, air handling units and Biddle air curtains › "Free" heating and hot water through heat recovery › The perfect personal comfort for guests/tenants via simultaneous cooling and heating › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature and continuous heating › Allows technical cooling › Widest range of BS boxes on the market	REYQ-U VRV IV+				●	●	●		●	●	●	●					
								●		●		●	●	●	●	●	●	●	●
	VRV IV heat pump with continuous heating	Daikin's optimum solution with top comfort › Continuous heating during defrost › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, air handling units and Biddle air curtains › Connectable to stylish indoor units (Daikin Emura, Stylish,...) › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature and continuous heating	RYYQ-U* VRV IV+				●	●	●		●	●	●	●					
												●	●	●	●	●	●	●	●
	VRV IV heat pump without continuous heating	Daikin's solution for comfort & low energy consumption › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, air handling units and Biddle air curtains › Connectable to stylish indoor units (Daikin Emura, Stylish,...) › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature	RXYQ-U* VRV IV+				●	●	●		●	●	●	●					
												●	●	●	●	●	●	●	●
Air cooled - heat pump	VRVIV-S series Compact	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	RXYSCQ-TV1 VRV IV S-series Compact	●	●	●													
	UNIQUE VRVIV-S series	Space saving solution without compromising on efficiency › Space saving trunk design for flexible installation › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air curtains › Either connect VRV of stylish indoor units (Daikin Emura, Stylish,...) › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature	RXYSQ-TV9/TY9/TY1 VRV IV S-series TV9	●	●	●													
			TY9/TY1	●	●	●	●	●	●										
	UNIQUE VRV IVheat pump for indoor installation	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	SB.RKXYQ-T(8) VRV IV i-series		●		●												
	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	RXYLQ-T VRV IV C+series					●	●		●	●	●	●	●	●	●	●	●
Replacement	heat recovery	Quick & quality replacement for R-22 and R-407C systems › Cost-effective and fast replacement through re-use of exisiting piping › Drastically improve your comfort, efficiency and reliability › No interuption of daily business while replacing your system › Replace Daikin and other manufacturers systems safely	RQCEQ-P3 VRVIII-Q					●		●		●	●	●	●	●	●	●	●
	heat pump	Quick & quality replacement for R-22 and R-407C systems › Cost-effective and fast replacement through re-use of exisiting piping › Drastically improve your comfort, efficiency and reliability › No interuption of daily business while replacing your system › Replace Daikin and other manufacturers systems safely › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature	RXYQQ-U VRV IV Q+series		●		●	●	●		●	●	●	●					
												●	●	●	●	●	●	●	●
Water cooled	Water cooled VRV IV	Ideal for high rise buildings, using water as heat source › 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	RWEYQ-T9(2) VRV IV W+series				●	●	●		●								
												●	●	●	●	●	●	●	●

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

● Single unit
● Multi combination

Capacity (HP) 32	34	36	38	40	42	44	46	48	50	52	54	Description / Combination	VRV indoor units	Residential indoor units	LT Hydrobox HXY-A	HT Hydrobox HXHD-A	HRV units VAM-, VKM-	AHU connection (NEW model)	Air curtains CYV-DK- (NEW model)	Remarks
●	●	●	●	●	●	●	●	●	●	●	●	**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	✓				✓	✓	✓	
												Biddle air curtain	✓				✓	✓	✓	› 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	✓				✓	✓	✓	› Total system connection ratio with AHU is 50 ~ 110%
●	●	●	●	●	●	●	●	●	●	●	●	Biddle air curtain	✓				✓	✓	✓	
												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	✓				✓	✓	✓	› Total system connection ratio is 70~110% › with AHU only, connection ratio = 130%
												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 ration with AHU only is 90~ 110%

○ ... connection of indoor unit possible, but not neccessarily 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

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

LOOP BY DAIKIN

For units made and sold in Europe*

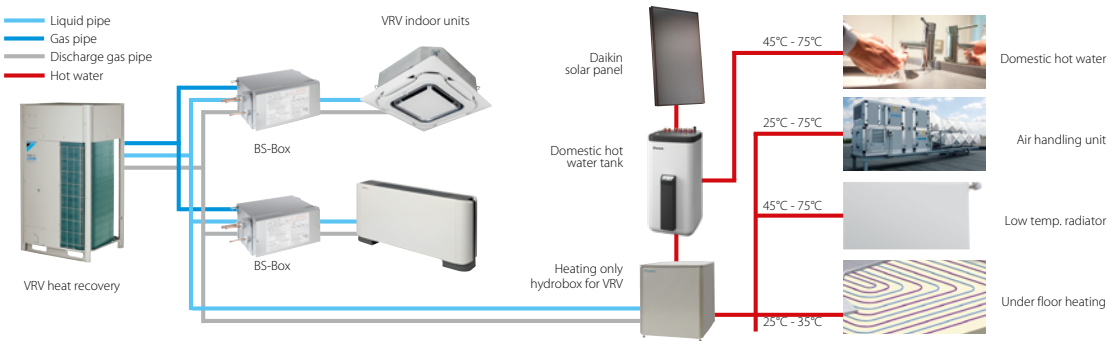
Outdoor unit			**REYQ**	**8U**	**10U**	**12U**	**14U**	**16U**	**18U**	**20U**
Capacity range			HP	8	10	12	14	16	18	20
Cooling capacity	Prated,c		kW	22.4	28.0	33.5	40.0	45.0	50.4	52.0
Heating capacity	Prated,h		kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0
	Max.	6°CWB	kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0
Recommended 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	9.52		12.7			15.9	
	Gas	OD	mm	19.1	22.2	28.6				
	HP/LP gas	OD	mm	15.9	19.1		22.2			28.6
	Total piping 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				19.1			
	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	

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

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

REYQ-U



Outdoor unit System			REYQ	34U	36U	38U	40U	42U	44U	46U	48U	50U	52U	54U
System	Outdoor unit module 1			REYQ16U		REYQ8U	REYQ10U		REYQ12U	REYQ14U	REYQ16U			REYQ18U
	Outdoor unit module 2			REYQ18U	REYQ20U	REYQ12U		REYQ16U					REYQ18U	
	Outdoor unit module 3			-		REYQ18U		REYQ16U				REYQ18U		
Capacity range			HP	34	36	38	40	42	44	46	48	50	52	54
Cooling capacity	Prated,c		kW	95.4	97.0	106.3	111.9	118.0	123.5	130.0	135.0	140.4	145.8	151.2
Heating capacity	Prated,h		kW	95.4	101.0	106.4	111.9	118.0	123.5	130.0	135.0	140.4	145.8	151.2
	Max.	6°CWB	kW	106.5	113.0	119.0	125.5	131.5	137.5	145.0	150.0	156.5	163.0	169.5
Recommended combination				3 x FXFQ50AVEB + 9 x FXFQ63AVEB + 2 x FXFQ80AVEB	2 x FXFQ50AVEB + 10 x FXFQ63AVEB + 2 x FXFQ80AVEB	6 x FXFQ50AVEB + 10 x FXFQ63AVEB	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			%	259.2	255.3	269.2	259.6	250.2	249.3	246.8	243.1	254.4	265.7	275.2
ηs,h			%	172.0	166.3	176.0	176.1	167.8	171.9	168.8	168.5	170.3	171.7	173.3
SEER				6.6	6.5	6.8	6.6	6.3		6.2		6.4	6.7	7.0
SCOP				4.4	4.2	4.5		4.3	4.4	4.3			4.4	
Maximum number of connectable indoor units				64(1)										
Indoor index connection	Min.			425.0	450.0	475.0	500.0	525.0	550.0	575.0	600.0	625.0	650.0	675.0
	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 length	System Actual	m	1,000										
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415										
Current - 50Hz	Maximum fuse amps (MFA)		A	80		100					125			

Outdoor unit module			REMQ	5U
Dimensions	Unit	HeightxWidthxDepth	mm	1,685x930x765
Weight	Unit		kg	230
Fan	External static pressure	Max.	Pa	78
Sound power level	Cooling	Nom.	dBA	78.0
Sound pressure level	Cooling	Nom.	dBA	57.0
Operation range	Cooling	Min.~Max.	°CDB	-5.0~43.0
	Heating	Min.~Max.	°CWB	-20.0~15.5
Refrigerant	Type/GWP			R-410A/2,087.5
	Charge		kg/TCO2Eq	9.7/20.2
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415
Current - 50Hz	Maximum fuse amps (MFA)		A	20

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

VRV IV+ heat pump

Daikin's optimum solution with top comfort

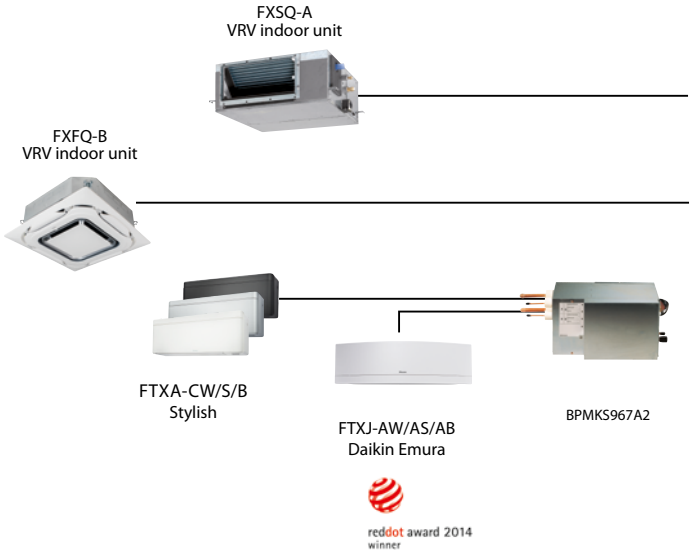
- By choosing a LOOP by Daikin product you support the reuse of refrigerant, for more information visit www.daikin.eu/loop-by-daikin
- Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, air handling units and Biddle air curtains
- Wide range of indoor units: possibility to combine VRV with stylish indoor units (Daikin Emura, Perfera)
- Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, continuous heating (RYYQ* models), 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

LOOP BY DAIKIN

For units made and sold in Europe**

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	1,685x930x765			1,685x1,240x765			
Weight	Unit		kg	RXYQ-U: 198 RXYQ-U5/UD: 201 RYYQ: 252			RXYQ-U: 275 RXYQ-U5/UD: 281 RYYQ: 319		RXYQ-U: 308 RXYQ-U5/UD: 314 RYYQ: 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						
	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



RYYQ8-12U

Connectable stylish indoor units

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

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

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

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 length System Actual	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 for RYYQ combinations		RYMQ	8U*	10U*	12U*	14U*	16U*	18U*	20U*
Dimensions	Unit HeightxWidthxDepth	mm	1,685x930x765			1,685x1,240x765			
Weight	Unit	kg	RYMQ-U: 198 RYMQ-U5: 204			RYMQ-U: 275 RYMQ-U5: 283		RYMQ-U: 308 RYMQ-U5: 320	
Fan	External static pressure Max.	Pa	78						
Sound power level	Cooling Nom.	dBA	78.0	79.1	83.4	80.9	85.6	83.8	87.9
Sound pressure level	Cooling Nom.	dBA	57.0	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	32	40	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
* Depending on the region different model codes are sold: Continuous heating: RYYQ-U, RYYQ-U5, RYMQ-U, RYMQ-U5, standard heat pump RXYQ-U, RXYQ-U5, RXYQ-UD
** U and U5 models in 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

RXYSCQ-TV1

Only 823mm high!

Connectable stylish indoor units

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

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

RXYSCQ-TV1

Outdoor unit			RXYSCQ	4TV1	5TV1	6TV1
Capacity range			HP	4	5	6
Cooling capacity	Prated,c		kW	12.1	14.0	15.5
Heating capacity	Prated,h		kW	12.1	14.0	15.5
	Max.	6°CWB	kW	14.2	16.0	18.0
Recommended combination				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	823x940x460		
Weight	Unit		kg	89		
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	9.52		
	Gas	OD	mm	15.9		19.1
	Total piping length	System Actual	m	300		
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240		
Current - 50Hz	Maximum fuse amps (MFA)		A	32		

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

VRV IV S-series heat pump

Space saving solution without compromising on efficiency

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

RXYSQ4-6TV9_TY9

LOOP BY DAIKIN

For units made and sold in Europe*

Connectable stylish indoor units

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

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

RXYSQ-TV9 RXYSQ-TY9 RXYSQ-TY1

Outdoor unit				**RXYSQ**	**4TV9**	**5TV9**	**6TV9**	**4TY9**	**5TY9**	**6TY9**	**8TY1**	**10TY1**	**12TY1**
Capacity range				HP	4	5	6	4	5	6	8	10	12
Cooling capacity	Prated,c			kW	12.1	14.0	15.5	12.1	14.0	15.5	22.4	28.0	33.5
Heating capacity	Prated,h			kW	12.1	14.0	15.5	12.1	14.0	15.5	22.4	28.0	33.5
	Max.	6°CWB		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 FXSA32A2VEB + 2 x FXSA40A2VEB	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	1,345x900x320						1,430x940x320	1,615x940x460	
Weight	Unit			kg	104						144	175	180
Sound power level	Cooling	Nom.		dBA	68.0	69.0	70.0	68.0	69.0	70.0	73.0	74.0	76.0
	Heating	Prated,h		dBA	68.0	69.0	70.0	68.0	69.0	70.0	73.0	74.0	76.0
Sound pressure level	Cooling	Nom.		dBA	50.0	51.0		50.0	51.0		55.0		57.0
Operation range	Cooling	Min.~Max.		°CDB	-5.0~46.0						-5.0~52.0		
	Heating	Min.~Max.		°CWB	-20.0~15.5								
Refrigerant	Type/GWP				R-410A/2,087.5								
	Charge			kg/TCO2Eq	3.6/7.5						5.5/11.5	7.0/14.6	8.0/16.7
Piping connections	Liquid	OD		mm	9.52								12.7
	Gas	OD		mm	15.9		19.1	15.9		19.1		22.2	25.4
	Total piping length	System	Actual	m	300								
Power supply	Phase/Frequency/Voltage			Hz/V	1N~/50/220-240			3N~/50/380-415					
Current - 50Hz	Maximum fuse amps (MFA)			A	32			16			25		32

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

VRV IV heat pump for indoor installation

SB.RKXYQ-T(8)

Keep looking you'll never find me

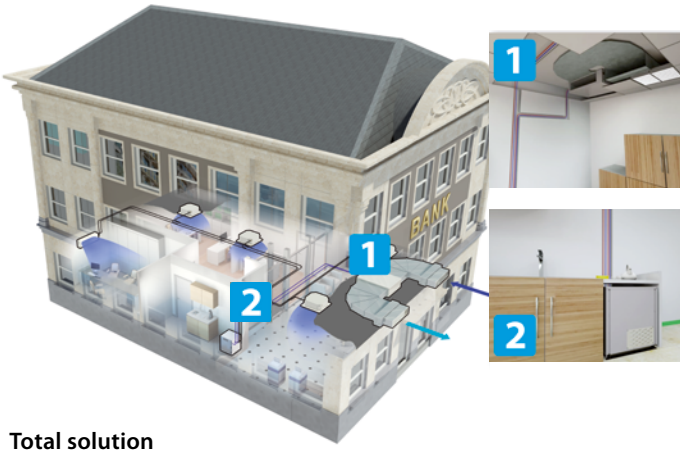
You can install highly efficient, reliable Daikin air conditioning systems in the most demanding locations while remaining invisible from street level.

Unique concept with 5 patents

Variable Refrigerant Temperature

Invisible

Unique outdoor unit in 2 parts



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

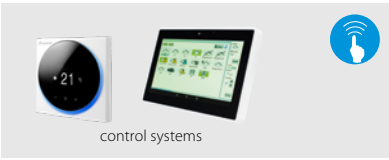
Intuitive

- 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

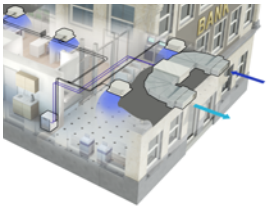
Total solution



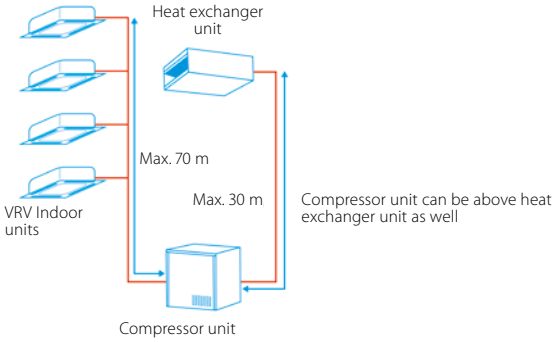
VRV IV heat pump for indoor installation

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

SB.RKXYQ5T8

› 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

LOOP BY DAIKIN

For units made and sold in Europe*

ErP 2021 COMPLIANT

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.

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					4x FXSQ32A2VEB	4x FXMQ50P7VEB
ηs,c				%	200.1	191.1
ηs,h				%	149.3	140.9
SEER					5.1	4.9
SCOP					3.8	3.6
Maximum number of connectable indoor units					10 (1)	17 (1)
Indoor index connection	Min.				62.5	100.0
	Max.				162.5	260.0
Piping connections	Between Compressor module (CM) and heat exchanger module (HM)	Liquid	OD	mm	12.7	
		Gas	OD	mm	19.1	22.2
	Between Compressor module (CM) and indoor units (IU)	Liquid	OD	mm	9.52	
		Gas	OD	mm	15.9	19.1
	Total piping length	System	Actual	m	140	300

					Heat exchanger module - RDXYQ		**Compressor module - RKXYQ**	
Outdoor unit module					**5T8**	**8T**	**5T8**	**8T**
Dimensions	Unit	HeightxWidthxDepth		mm	397x1,456x1,044		701x600x554	701x760x554
Weight	Unit			kg	95	103	79	105
Sound power level	Cooling	Nom.		dBA	77.0	81.0	60.0	64.0
Sound pressure level	Cooling	Nom.		dBA	47.0	54.0	47.0	48.0
Refrigerant	Type/GWP				R-410A/-		R-410A/2,087.5	
	Charge			kg/TCO2Eq	-/-		2.00/4.20	4.00/8.35
Power supply	Phase/Frequency/Voltage			Hz/V	1N~/50/220-240		3N~/50/380-415	
Current - 50Hz	Maximum fuse amps (MFA)			A	10		16	20

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

VRV IV+ heat pump, optimised for cold climates

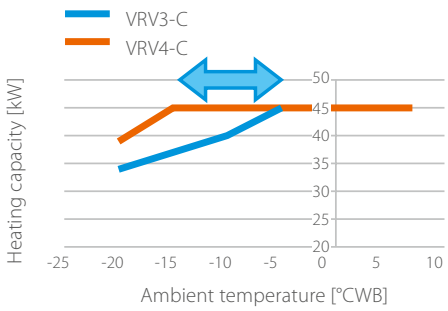
RXYLQ-T

Variable Refrigerant Temperature

Where heating is priority without compromising on efficiency

High heating capacity at low ambient temperatures

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



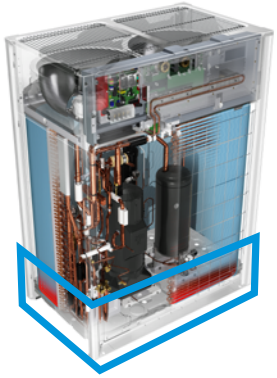
High partial load efficiency

› 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 occuring 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



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

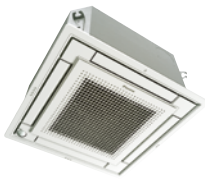
Variable Refrigerant Temperature

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

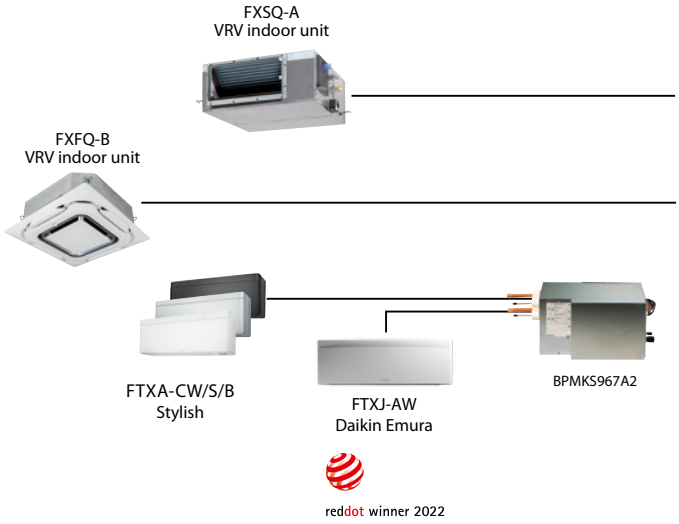
Where heating is priority without compromising on efficiency

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

LOOP BY DAIKIN
For units made and sold in Europe*

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 FXMQ63P7VEB	6 x FXMQ50P7VEB	1 x FXMQ50P7VEB + 5 x FXMQ63P7VEB
ηs,c				%	251.4	274.4	270.1
ηs,h				%	144.3	137.6	137.1
SEER					6.4	6.9	6.8
SCOP					3.7	3.5	
Maximum number of connectable indoor units					64(1)		
Indoor index connection	Min.				175	210	245
	Nom.				250	300	350
	Max.				325	390	455
Dimensions	Unit	HeightxWidthxDepth		mm	1,685x1,240x765		
Weight	Unit			kg	302		
Sound power level	Cooling	Nom.		dBA	77.0	81.0	
Sound pressure level	Cooling	Nom.		dBA	56.0	59.0	
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		
Piping connections	Liquid	OD		mm	9.52	12.7	
	Gas	OD		mm	22.2	28.6	
	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	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		RXYLQ10T	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	44.8	50.4	56.0	61.5	67.0	73.5	80.0
	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					6.6	6.5	6.4	6.6	6.9	6.8	
SCOP					3.5	3.6	3.7	3.6	3.5		
Maximum number of connectable indoor units					64(1)						
Indoor index connection	Min.				280	315	350	385	420	455	490
	Nom.				400	450	500	550	600	650	700
	Max.				520	585	650	715	780	845	910
Piping connections	Liquid	OD		mm	12.7	15.9				19.1	
	Gas	OD		mm	28.6				34.9		
	Total piping length	System	Actual	m	500						
Current - 50Hz	Maximum fuse amps (MFA)			A	40	45	50	60			



RXYLQ16-28T

Connectable stylish indoor units

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

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

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

RXYLQ-T

Outdoor unit system			RXYLQ	30T	32T	34T	36T	38T	40T	42T
System	Outdoor unit module 1			RXYLQ10T			RXYLQ12T			RXYLQ14T
	Outdoor unit module 2			RXYLQ10T		RXYLQ12T			RXYLQ14T	
	Outdoor unit module 3			RXYLQ10T	RXYLQ12T			RXYLQ14T		
Capacity range			HP	30	32	34	36	38	40	42
Cooling capacity	Prated,c		kW	84.0	89.5	95.0	100.5	107.0	113.5	120.0
Heating capacity	Prated,h		kW	84.0	89.5	95.0	100.5	107.0	113.5	120.0
	Max.	6°CWB	kW	94.5	100.5	106.5	112.5	120.0	127.5	135.0
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		
SEER				6.4	6.6	6.7	6.9		6.8	
SCOP				3.7	3.6		3.5			
Maximum number of connectable indoor units				64(1)						
Indoor index connection	Min.			525	560	595	630	665	700	735
	Nom.			750	800	850	900	950	1,000	1,050
	Max.			975	1,040	1,105	1,170	1,235	1,300	1,365
Piping connections	Liquid	OD	mm	19.1						
	Gas	OD	mm	34.9			41.3			
	Total piping length	System Actual	m	500						
Current - 50Hz	Maximum fuse amps (MFA)		A	80				90		

Outdoor unit module			RXMLQ	8T
Dimensions	Unit	HeightxWidthxDepth	mm	1,685x1,240x765
Weight	Unit		kg	302
Fan	External static pressure	Max.	Pa	78
Sound power level	Cooling	Nom.	dBA	75.0
Sound pressure level	Cooling	Nom.	dBA	55.0
Operation range	Cooling	Min.~Max.	°CDB	-5~43
	Heating	Min.~Max.	°CWB	-25~16
Refrigerant	Type/GWP			R-410A/2,087.5
	Charge		kg/TCO2Eq	11.8/24.6
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415
Current - 50Hz	Maximum fuse amps (MFA)		A	20

(1)Actual number of connectable indoor units depends on the indoor unit type (VRV indoor, Hydrobox, RA indoor, etc.) and the connection ratio restriction for the system (70% <= CR <= 130%) | Contains fluorinated greenhouse gases
* EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland

Replacement technology

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

These benefits will convince your customer:

Drastically improve your efficiency, comfort and reliability

No disturbance of daily operations

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

Lower installation costs

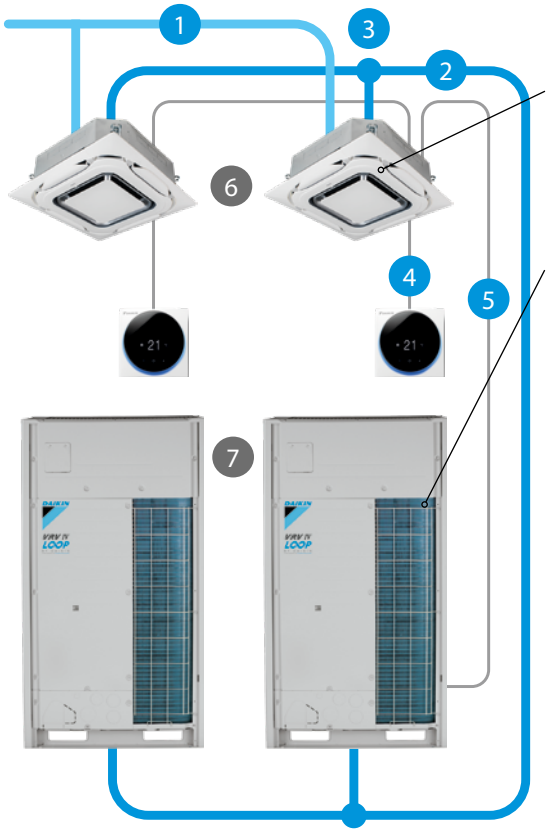
› Shorter installation time
› Use of existing piping and wiring
› Reuse of materials

Lower investment and reduced running costs

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

Higher property value

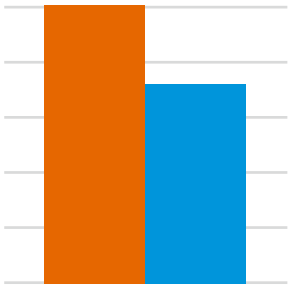
› Higher property value
› Improved facilities
• Subsidies
• Certifications (BREEAM, LEED and WELL)



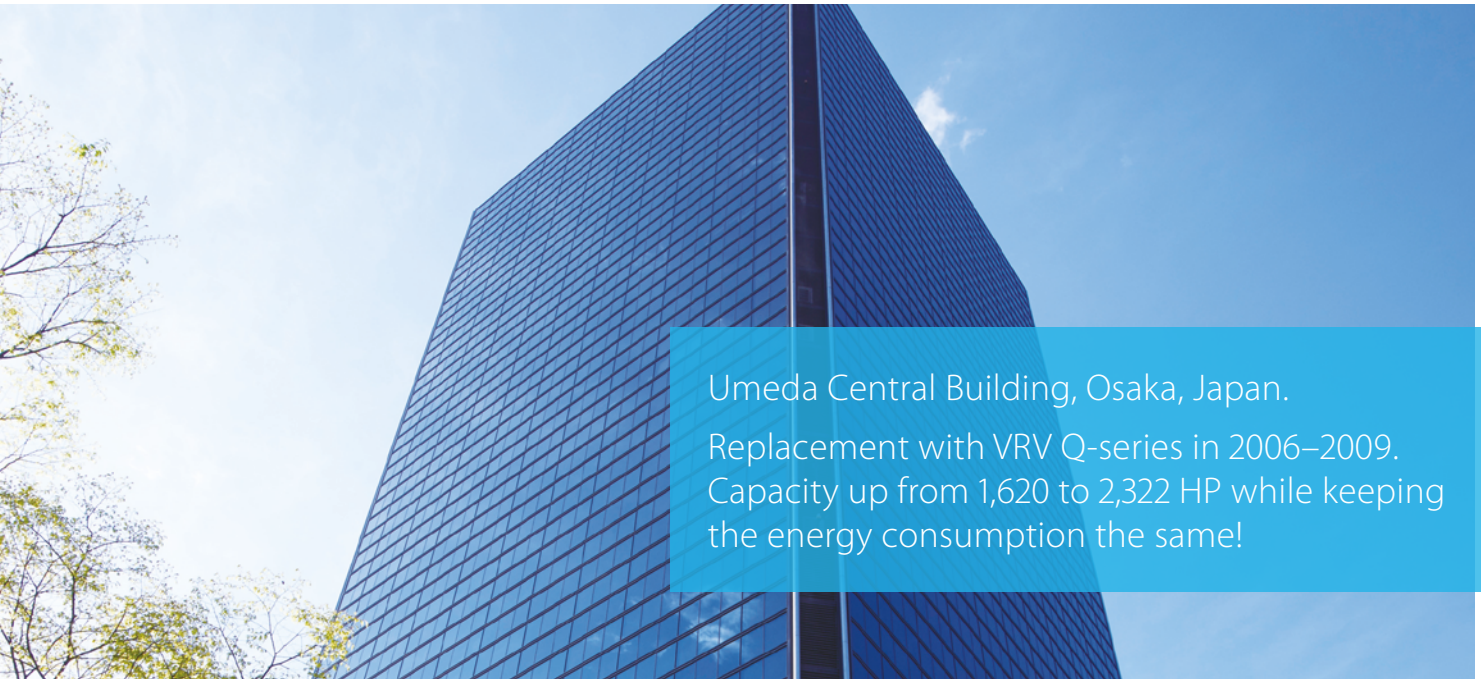
The Daikin upgrade solution:

Replace indoor units (optional)
› Depending on model type and condition the indoor units can be kept.

Replace outdoor units



31 % less energy used



Umeda Central Building, Osaka, Japan.

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

VRV-Q benefits to increase your profit:

Watch our online seminar on replacement VRV now!

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.

	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 contract (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)

RQCEQ712-848P3

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	12.7	15.9			19.1	
	Gas OD	mm	22.2	28.6				34.9	
	Total piping length System Actual	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.	dBA	79	83	87
	Heating	According to ENER LOT21	dBA	79	84	
Sound pressure level	Cooling	Nom.	dBA	-		
Operation range	Cooling	Min.~Max.	°CDB	-5~43		
	Heating	Min.~Max.	°CWB	-20~15.5		
Refrigerant	Type/GWP			R-410A/2,087.5		
	Charge		kg/TCO2Eq	10.3/21.5	10.6/22.1	11.2/23.4
Power supply	Phase/Frequency/Voltage		Hz/V	3~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)		A	15	20	22.5

Contains fluorinated greenhouse gases

VRV IV Q+ series

Replacement VRV, heat pump

LOOP BY DAIKIN

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	RQYQ140P	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						
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	1,680x635x765	1,685x930x765			1,685x1,240x765			
Weight	Unit		kg	175	198			275		308	
Fan	Air flow rate	Cooling Nom.	m^3/min	95	-						
Sound power level	Cooling	Nom.	dBA	79	78.0	79.1	83.4	80.9	85.6	83.8	87.9
	Heating	Prated,h - According to ENER LOT21	dBA	--79	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	-5~43	-5.0~43.0						
	Heating	Min.~Max.	°CWB	-20~15.5	-20.0~15.5						
Refrigerant	Type/GWP			R-410A/2,087.5							
	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	9.52			12.7			15.9	
	Gas	OD	mm	15.9	19.1	22.2	28.6				
	Total piping length	System Actual	m	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	102.4	111.9	118.0
Heating capacity	Prated,h		kW	61.5	67.4	73.5	78.5	83.9	90.0	95.4	101.0	106.4	111.9	118.0
	Max.	6°CWB	kW	69.0	75.0	82.5	87.5	94.0	100.0	106.5	113.0	119.5	125.5	131.5
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	9 x FXFQ50AVEB + 9 x FXFQ63AVEB	12 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		4.2
Maximum number of connectable indoor units				64										
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
	Nom.			-										
	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	15.9		19.1								
	Gas	OD	mm	28.6	34.9						41.3			
	Total piping length	System Actual	m	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, … (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

Most compact casing in the market!

8 to 14 HP | 16 to 28 HP | 30 to 42 HP

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

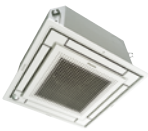
Unique zero heat dissipation principle

› 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

Variable Refrigerant Temperature

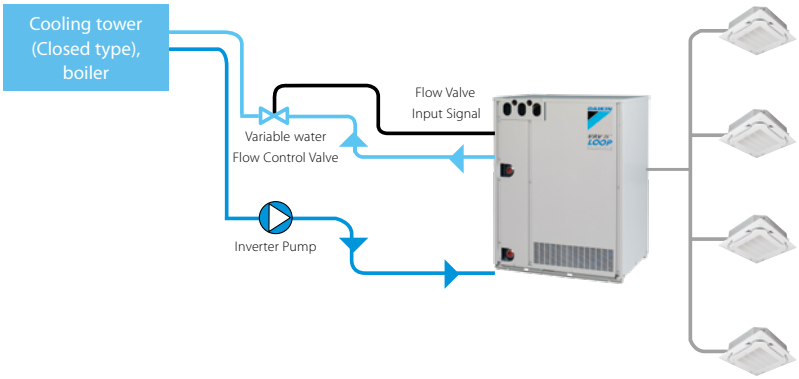
VRV IV W+ series

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

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

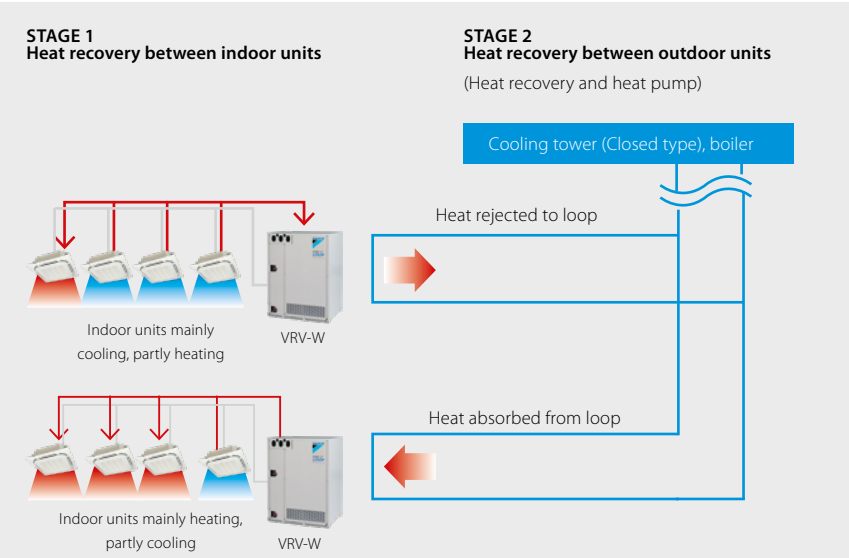
BS 4 Q14 A

BS 6, 8 Q14 A

BS 10, 12 Q14 A

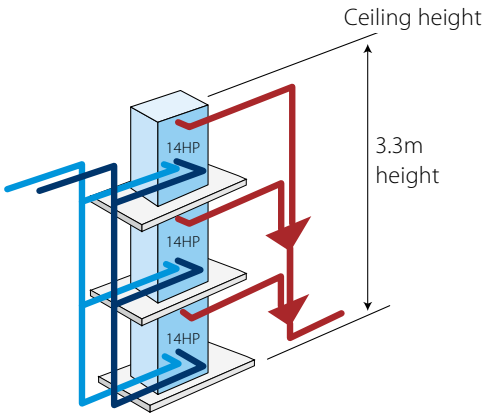
BS 16 Q14 A

2-stage heat recovery



Stacked configuration

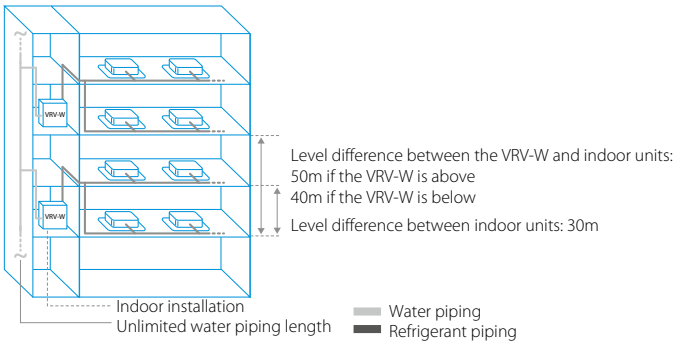
Water piping
Refrigerant piping



VRV IV water cooled+ series

Ideal for high rise buildings, using water as heat source

- Environmental conscious solution: reduced CO_2 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 flexiblity
- 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



LOOP BY DAIKIN

For units made and sold in Europe*

Connectable stylish indoor units

		20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS	60 CLASS	71 CLASS
Daikin Emura - Wall mounted unit	FTXJ-AW/AS/AB	•	•	•		•		
Stylish - Wall mounted unit	FTXA-CW/B/S	•	•	•	•	•		
Perfera wall mounted	FTXM-A	•	•	•	•	•	•	•
Perfera floor standing	FVXM-A9	•	•	•		•		

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

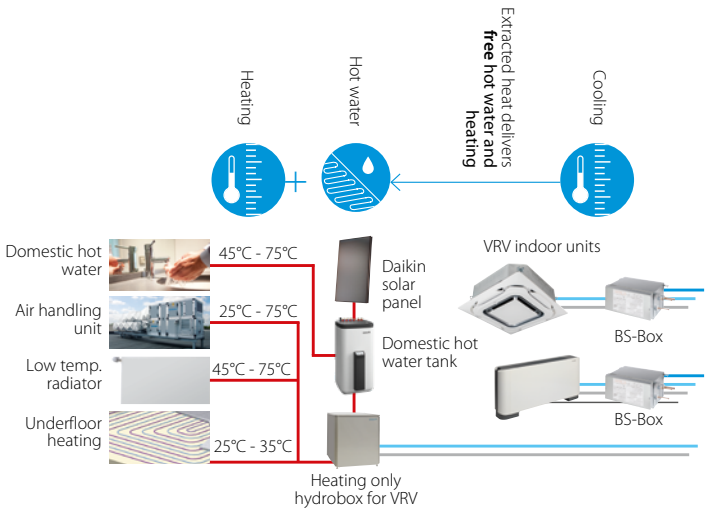
More details and final information can be found by scanning or clicking the QR codes.

RWEYQ-T9

Outdoor unit				RWEYQ	8T9	10T9	12T9	14T9
Capacity range				HP	8	10	12	14
Cooling capacity	Prated,c			kW	22.4	28.0	33.5	40.0
Heating capacity	Prated,h			kW	25.0	31.5	37.5	45.0
	Max.	6°CWB		kW	25.0	31.5	37.5	45.0
Recommended combination					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	980x767x560			
Weight	Unit			kg	195		197	
Sound power level	Cooling	Nom.		dBA	65.0	71.0	72.0	74.0
Sound pressure level	Cooling	Nom.		dBA	48.0	50.0	56.0	58.0
Operation range	Inlet water temperature	Cooling	Min.~Max.	°CDB	10~45			
		Heating	Min.~Max.	°CWB	10~45			
	Temperature around casing	Min.~Max.		°CDB	0~40			
	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		12.7	
	Gas	OD		mm	19.1	22.2	28.6	
	HP/LP gas	OD		mm	15.9/19.1	19.1/22.2	19.1/28.6	22.2/28.6
	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	

Variable Refrigerant Temperature

Stage 1 heat recovery between indoor units



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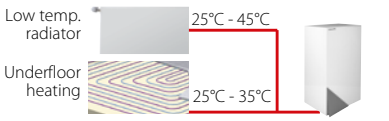
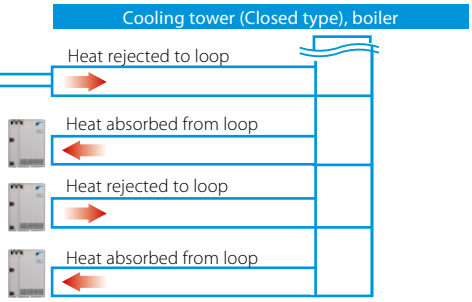


Liquid pipe
Gas pipe
Discharge gas pipe
Hot water

Stage 2 heat recovery between outdoor units



* Above system configuration are for illustration purpose only.

Outdoor unit system		RWEYQ	16T9	18T9	20T9	22T9	24T9	26T9	28T9
System	Outdoor unit module 1		RWEYQ8T		RWEYQ10T		RWEYQ12T		RWEYQ14T
	Outdoor unit module 2		RWEYQ8T	RWEYQ10T		RWEYQ12T		RWEYQ14T	
Capacity range		HP	16	18	20	22	24	26	28
Cooling capacity	Prated,c	kW	44.8	50.4	56.0	61.5	67.0	73.5	80.0
Heating capacity	Prated,h	kW	50.0	56.5	62.5	69.0	75.0	82.5	90.0
	Max. 6°CWB	kW	50.0	56.5	62.5	69.0	75.0	82.5	90.0
Recommended combination			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 length System Actual	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		RWEYQ12T			RWEYQ14T	
	Outdoor unit module 3		RWEYQ10T	RWEYQ12T			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						
	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 length System Actual	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 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

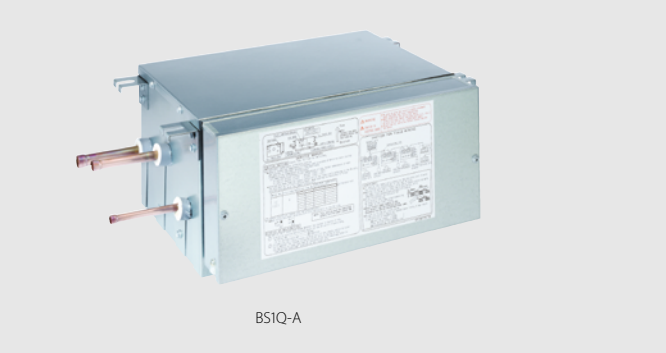
* EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland

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-T, RQCEQ-P3 and RWEYQ-T8 heat recovery units



BS1Q-A

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

BS1Q-A

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

Contains fluorinated greenhouse gases

BS-Q14AV1B

Multi branch selector for VRV IV heat recovery

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

BS10Q14AV1B

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

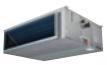
BS-Q14AV1B

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

Contains fluorinated greenhouse gases

Products overview VRV IV

Capacity class (kW)

Type	Model		Product name	15	20	25	32	40	50	63	71	80	100	125	140	200	250
Ceiling mounted cassette	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 ROUND FLOW	FXFQ-B		●	●	●	●	●	●		●	●	●			
	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	FXZQ-A	●	●	●	●	●	●								
	2-way blow ceiling mounted cassette	Thin, lightweight design installs easily in narrow ceiling spaces › 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	FXCQ-A		●	●	●	●	●	●		●		●			
	Ceiling mounted corner cassette	1-way blow unit for corner installation › Compact dimensions enable installation in narrow ceiling voids › Flexible installation thanks to different air discharge options	FXKQ-MA			●	●	●		●							
Concealed ceiling	Slim concealed ceiling unit	Slim design for flexible installation › Compact dimensions enable installation in narrow ceiling voids › Medium external static pressure up to 44Pa › Only grilles are visible › Small capacity unit developted for small of well-insulated rooms › Reduced energy consumption thanks to DC fan motor	FXDQ-A3	●	●	●	●	●	●	●							
	Concealed ceiling unit with medium ESP	Slimmest yet most powerfull medium static pressure unit on the market! › Slimmest unit in class, only 245mm › Low operating sound level › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths › Automatic air flow adjustment function measures the air volume and static pressure and adjusts it towards the nominal air flow, guaranteeing comfort	FXSQ-A	●	●	●	●	●	●	●		●	●	●	●		
	Concealed ceiling unit with high ESP	ESP up to 200, ideal for large sized spaces › 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	FXMQ-P7						●	●		●	●	●			
	Concealed ceiling unit with high ESP	ESP up to 250, ideal for extra large sized spaces › Only grilles are visible › Large capacity unit: up to 31.5 kW heating capacity	FXMQ-A 													●	●
Wall mounted	Wall mounted unit	For rooms with no false ceilings nor free floor space › Flat, stylish front panel is more easy to clean › Small capacity unit developted 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	FXAQ-A	●	●	●	●	●	●	●							
Ceiling suspended	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 › Reduced energy consumption thanks to DC fan motor	FXHQ-A				●			●			●				
	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 › Reduced energy consumption thanks to DC fan motor	FXUQ-A							●		●				
Floor standing	Floor standing unit	For perimeter zone air conditioning › 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	FXLQ-P		●	●	●	●	●	●							
	Concealed floor standing unit	Ideal for installation in offices, hotels and residential applications › 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	FXNQ-A		●	●	●	●	●	●							
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

UV Streamer kit

New 1-way blow cassette design New 20 and 50 class Available summer '24

Auto cleaning filter option

Multi zoning option

Multi zoning option

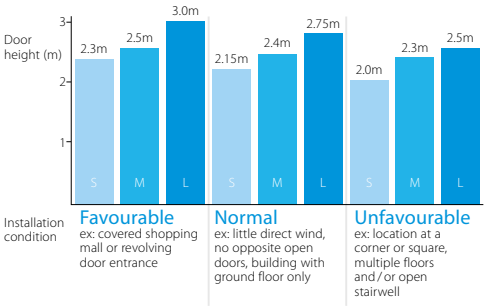
(1) Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m
(2) Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: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

Hydrobox range

Type	Product name		Model	80	125	200	Leaving water temperature range
Low temperature hydrobox	HXY-A8		For high efficiency space heating and cooling › Ideal for hot or cold water in underfloor, air handling units, low temperature radiators … › Hot/cold water from 5° to 45°C › Large operation range (down to -20°C and up to 43°C) › Fully integrated water-side components save time on system design › Space saving contemporary wall hung design	●	●		5 °C - 45 °C
High temperature hydrobox	HXHD-A8		For efficient hot water production and space heating › Ideal for hot water in bathrooms, sinks and for underfloor heating, radiators, air handling units, … › Hot water from 25 to 80°C › "Free" heating and hot water through heat recovery › 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		●	●	25 °C - 80 °C

Biddle air curtains

Type	Product name		Model
Free-hanging	CYA-S/M/L-DK-F		Easy wall mounted installation › Connectable to ERQ and VRV units › Unified range for R-32 and R-410A refrigerant › Payback period of less then 1.5 years compared to installing an electric air curtain
Cassette	CYA-S/M/L-DK-C		Mounted into a false ceiling leaving only the decoration panel visible › Connectable to ERQ and VRV units › Unified range for R-32 and R-410A refrigerant › Payback period of less then 1.5 years compared to installing an electric air curtain
Recessed	HXHD-A8		Neatly concealed in the ceiling › Connectable to ERQ and VRV units › Unified range for R-32 and R-410A refrigerant › Payback period of less then 1.5 years compared to installing an electric air curtain



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) 15	20	25	35	42	50	60	71	Connectable outdoor unit: RYYQ-U	RXYQ-U	RXYSCQ-TV1[2] RXYSQ-TV9[2] RXYSQ-TY9/TY1[2]	RWEYQ-T9[3]	RXYLQ-T
Ceiling mounted cassette	Round flow cassette (incl. auto-cleaning function[1]) ROUND FLOW	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 reddot award 2014 winner	FTXA-CW/ CB/CS			●	●	●		●			✓	✓	✓	✓	✓
	Stylish Wall mounted unit	FTXA-CW/S/B			●	●	●	●	●			✓	✓	✓	✓	✓
	Perfera Wall mounted unit	CTXM-A / FTXM-A		● RXYS(C)Q only	●	●	●	●	●	●	●	✓	✓	✓	✓	✓
Ceiling suspended	Ceiling suspended unit	FHA-A(9)					●		●	●	●			✓		
Floor standing	Perfera Floor standing unit	FVXM-A9			●	●	●		●			✓	✓	✓	✓	✓
	Concealed floor standing unit	FNA-A9				●	●		●	●				✓		

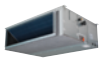
UV Streamer kit

Auto cleaning filter option

1 To connect stylish indoor units a BPMKS unit is needed
2 A mix of RA indoor units and VRV indoor units is not allowed.
3 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 neightbourhood
	Auto cooling-heating changeover	Automatically selects cooling or heating mode to achieve the set temperature
Air treatment	UV Streamer kit	Purifies the air of pollutants such as viruses, bacteria, fine dust (PM1.0), oudeurs, allergens, etc ensuring a healthy and hygienic indoor environment
	Air filter	Removes airborne dust particles to ensure a steady supply of clean air
Humidity control	Dry programme	Allows humidity levels to be reduced without variations in room temperature
Air flow	Ceiling soiling prevention	Prevents air from blowing out too long in horizontal position, to prevent ceiling stains
	Vertical auto swing	Possibility to select automatic vertical moving of the air discharge flaps for efficient air and temperature distribution throughout the room
	Fan speed steps	Allows to select up to the given number of fan speed
	Individual flap control	Individual flap control via the wired remote controller enables you to easily fix the position of each flap individually, to suit any new room configuration. Optional closure kits are available as well
	Weekly timer	Can be set to start heating or cooling anytime on a daily or weekly basis
	Infrared remote control	Starts, stops and regulates the air conditioner from a distance
	Wired remote control	Starts, stops and regulates the air conditioner
	Centralised control	Starts, stops and regulates several air conditioners from one central point
	Multi zoning	Allows up to 6 individual climate zones with one indoor unit
Other functions	Auto-restart	The unit restarts automatically at the original settings after power failure
	Self-diagnosis	Simplifies maintenance by indicating system faults or operating anomalies
	Drain pump kit	Facilitates condensation draining from the indoor unit
	Multi tenant	The indoor unit's main power supply can be turned off when leaving the hotel or office building

Ceiling mounted cassette units				Concealed ceiling units				Wall mounted unit	Ceiling suspended units		Floor standing units	
FXFQ-B	**FXZQ-A**	**FXCQ-A**	**FXKQ-MA**	**FXDQ-A3**	**FXSQ-A**	**FXMQ-P7**	**FXMQ-A**	**FXAQ-A**	**FXHQ-A**	**FXUQ-A**	**FXNQ-A**	**FXLQ-P**
												
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● (2) (Optional high efficiency filter ePM10 60%)	● (1)	● (1)	● (1)	● (1)	● (1)	● (1)	● (1) Optional pre filter and high efficiency filter available	● (1)	● (1)	● (1)	● (1)	● (1)
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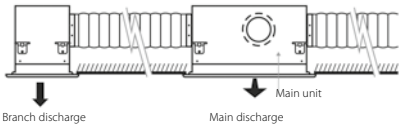
● standard, ○ optional

(1) Pre filter

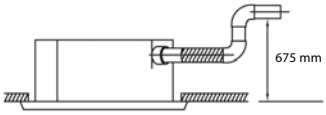
Round flow cassette

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
- NEW UV streamer kit, purifies the air of pollutants such as viruses, bacteria, fine dust (PM1.0), oudeurs, allergens, etc ensuring a healthy and hygenic indoor environment
- Optional fresh air intake
- Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms

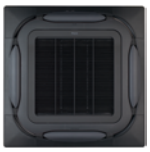


- Standard drain pump with 675mm lift increases flexibility and installation speed



White panel

White auto cleaning panel


Black panel

Black design panel

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

FXFQ-B

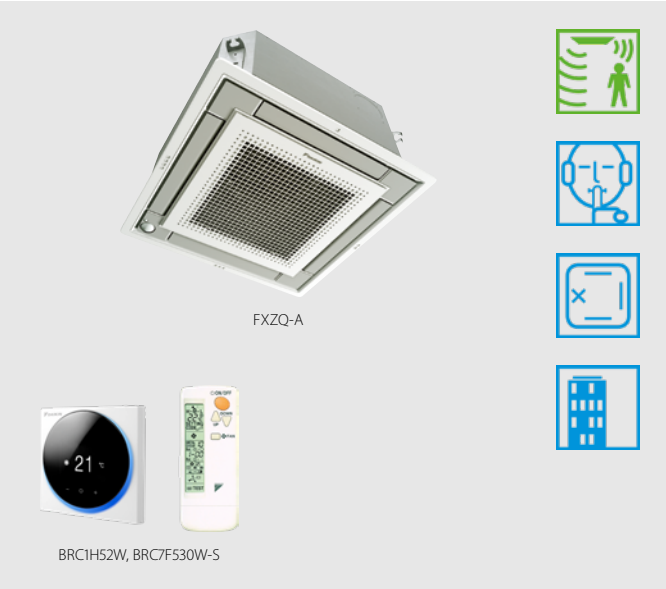
Indoor Unit			FXFQ	20B	25B	32B	40B	50B	63B	80B	100B	125B
Cooling capacity	Total capacity	At high fan speed	kW	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00
Heating capacity	Total capacity	At high fan speed	kW	2.50	3.20	4.00	5.00	6.30	8.00	10.00	12.50	16.00
Power input - 50Hz	Cooling	At high fan speed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

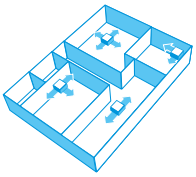
Contains fluorinated greenhouse gases

Fully flat cassette

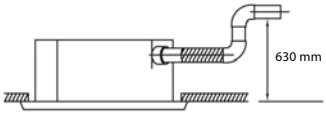
Unique design in the market that integrates fully flat into the ceiling

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





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



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

FXZQ-A

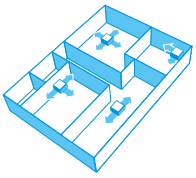
Indoor Unit				FXZQ	15A	20A	25A	32A	40A	50A
Cooling capacity	Total capacity	At high fan speed		kW	1.70	2.20	2.80	3.60	4.50	5.60
Heating capacity	Total capacity	At high fan speed		kW	1.90	2.50	3.20	4.00	5.00	6.30
Power input - 50Hz	Cooling	At high fan speed		kW	0.018		0.020	0.019	0.029	0.048
	Heating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

Contains fluorinated greenhouse gases

2-way blow ceiling mounted cassette

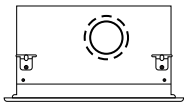
Thin, lightweight design installs easily in narrow corridors

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



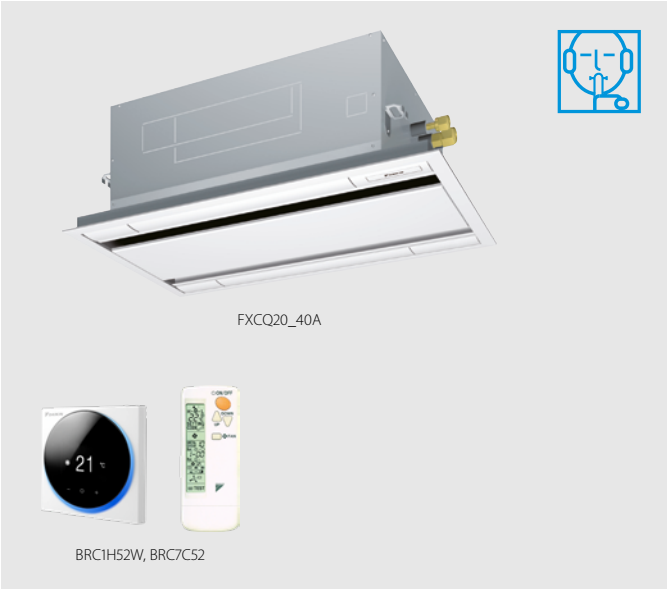
› Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible
› Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required

Fresh air intake opening in casing

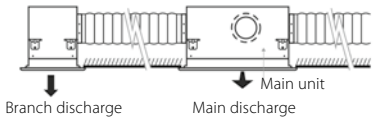


* Brings in up to 10% of fresh air into the room

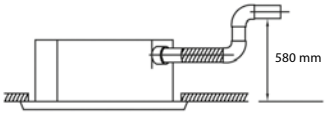
› Optimum comfort guaranteed with automatic air flow adjustment to the required load
› Maintenance operations can be performed by removing the front panel



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



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



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

FXCQ-A

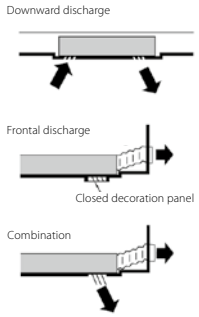
Indoor Unit			FXCQ	20A	25A	32A	40A	50A	63A	80A	125A
Cooling capacity	Total capacity	At high fan speed	kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	14.0
Heating capacity	Total capacity	At high fan speed	kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	16.0
Power input - 50Hz	Cooling	At high fan speed	kW	0.031	0.039		0.041	0.059	0.063	0.090	0.149
	Heating	At high fan speed	kW	0.028	0.035		0.037	0.056	0.060	0.086	0.146
Dimensions	Unit	HeightxWidthxDepth	mm	305x775x620				305x990x620		305x1,445x620	
Weight	Unit		kg	19				22	25	33	38
Casing	Material			Galvanised steel plate							
Decoration panel	Model			BYBCQ40HW1				BYBCQ63HW1		BYBCQ125HW1	
	Colour			Fresh white (6.5Y 9.5/0.5)							
	Dimensions	HeightxWidthxDepth	mm	55x1,070x700				55x1,285x700		55x1,740x700	
	Weight		kg	10				11		13	
Fan	Air flow rate - 50Hz	Cooling At high / medium / low fan speed	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
Air filter	Type			Resin net with mold resistance							
Sound power level	Cooling	At high / medium / low fan speed	dBA	48/46/44	50/47/45	50/48/46	52/49/47	53/51/47	55/53/48	58/54/49	62/58/54
Sound pressure level	Cooling	At high / medium / low fan speed	dBA	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
	Heating	At high / medium / low fan speed	dBA	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

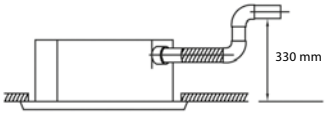
Ceiling mounted corner cassette

1-way blow unit for corner installation

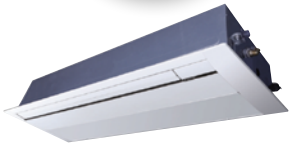
- Compact dimensions, can easily be mounted in a narrow ceiling void (only 220mm ceiling space required, 195 with panel spacer, available as accessory)
- Optimum air flow conditions are created by either downward air discharge or frontal air discharge (via optional grille) or a combination of both



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



New model with new outlook expected in 2024!



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	At high fan speed	kW	2.8	3.6	4.5	7.10
Heating capacity	Total capacity	At high fan speed	kW	3.2	4.0	5.0	8.00
Power input - 50Hz	Cooling	At high fan speed	kW	0.066		0.076	0.105
	Heating	At high fan speed	kW	0.046		0.056	0.085
Dimensions	Unit	HeightxWidthxDepth	mm	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 rate - 50Hz	Cooling At high fan speed/ At low fan speed	m^3/min	11/9		13/10	18/15
Air filter	Type			Resin net with mold resistance			
Sound power level	Cooling	At high fan speed/ At low fan speed	dBA	54/49		56/50	58/53
Sound pressure level	Cooling	At high fan speed/ At low fan speed	dBA	38.0/33.0		40.0/34.0	42.0/37.0
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~/50/60/220-240/220			
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

Easy selection via our NEW software!

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

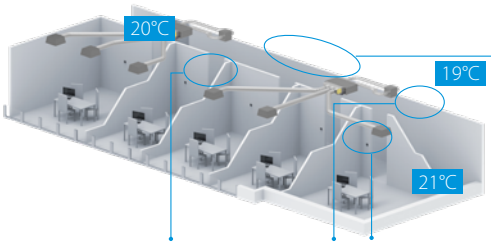
Increased comfort

› 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

Individual zone thermostats

Bluezero - 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

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)	Ø (mm)	SkyAir FDXM-F9 25	35	50	60	FBA-A(9) 35	50	60	71	100	125	140	ADEA-A 71	100	125	VRV IV+ FXDQ-A3 15	20	25	32	40	50	63	FXSQ-A 15	20	25	32	40	50	63	80	100	125	140
Standard plenum	2	AZE(Z/R)6DAIST07XS2	300 x 930 x 454	200																						•	•	•	•							
		AZE(Z/R)6DAIST07S2							•	•																				•	•					
	3	AZE(Z/R)6DAIST07XS3																								•	•	•	•							
		AZE(Z/R)6DAIST07S3							•	•																				•	•					
	4	AZE(Z/R)6DAIST07S4	300 x 1,140 x 454						•	•																				•	•					
		AZE(Z/R)6DAIST07M4									•	•				•																•	•			
	5	AZE(Z/R)6DAIST07M5	300 x 1,425 x 454								•	•				•																•	•			
		AZE(Z/R)6DAIST07L5											•	•	•		•	•																•	•	
	6	AZE(Z/R)6DAIST07M6	300 x 1,638 x 454								•	•				•																•	•			
		AZE(Z/R)6DAIST07L6											•	•	•		•	•																•	•	
	7	AZE(Z/R)6DAIST07L7	515 x 1,425 x 454										•	•	•		•	•																•	•	
		AZE(Z/R)6DAIST07XL7																																		•
	8	AZE(Z/R)6DAIST07L8											•	•	•		•	•																•	•	
		AZE(Z/R)6DAIST07XL8																																		•
Medium plenum	2	AZEZ6DAIBS07XS2	250 x 930 x 454	200																						•	•	•	•							
		AZEZ6DAIBS07S2							•	•																				•	•					
	3	AZEZ6DAIBS07XS3																								•	•	•	•							
		AZEZ6DAIBS07S3							•	•																				•	•					
		AZEZ6DAIBS07M3									•	•				•																•	•			
	4	AZEZ6DAIBS07S4	250 x 1,140 x 454						•	•																				•	•					
		AZEZ6DAIBS07M4									•	•				•																•	•			
		AZEZ6DAIBS07L4											•	•	•		•	•																•	•	
	5	AZEZ6DAIBS07S5	250 x 1,425 x 454						•	•																				•	•					
		AZEZ6DAIBS07M5									•	•				•																•	•			
		AZEZ6DAIBS07L5											•	•	•		•	•																•	•	
		AZEZ6DAIBS07XL5																																		•
	6	AZEZ6DAIBS07M6	250 x 1,638 x 454								•	•				•																•	•			
		AZEZ6DAIBS07L6											•	•	•		•	•																•	•	
		AZEZ6DAIBS07XL6																																		•
Slim plenum	2	AZE(Z/R)6DAISL01S2	210 x 720 x 444	200	•	•													•	•	•	•														
	3	AZE(Z/R)6DAISL01S3			•	•													•	•	•	•														
	4	AZE(Z/R)6DAISL01M4	210 x 930 x 444																					•	•											
	5	AZE(Z/R)6DAISL01L5	210 x 1,140 x 444				•	•																		•										

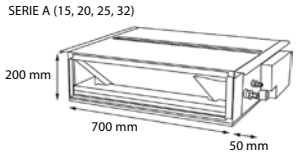
(1) Z models are reversible; R models are heating only
(2) Medium Ceiling Void reversible units can be blocked to heating only via AZX6MCS module

For more information on options refer to page 932

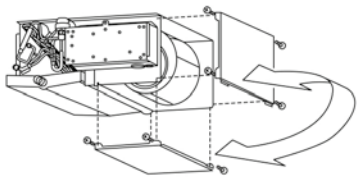
Slim concealed ceiling unit

Slim design for flexible installation

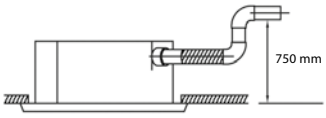
› Compact dimensions, can easily be mounted in a ceiling void of only 240mm

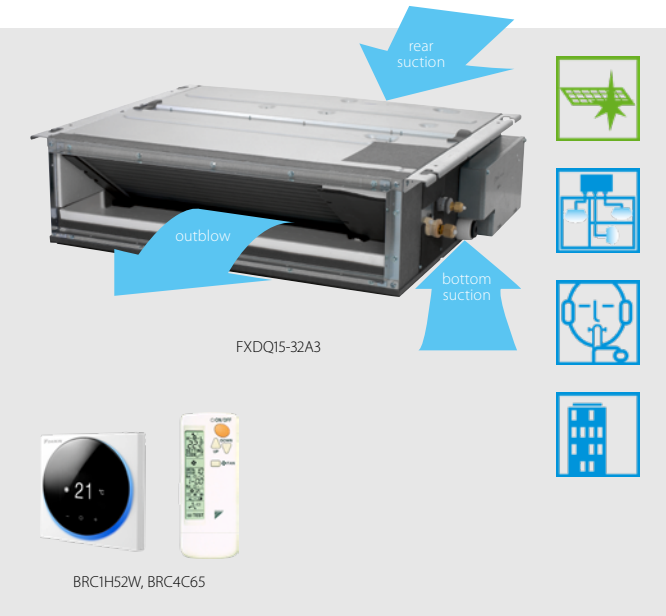


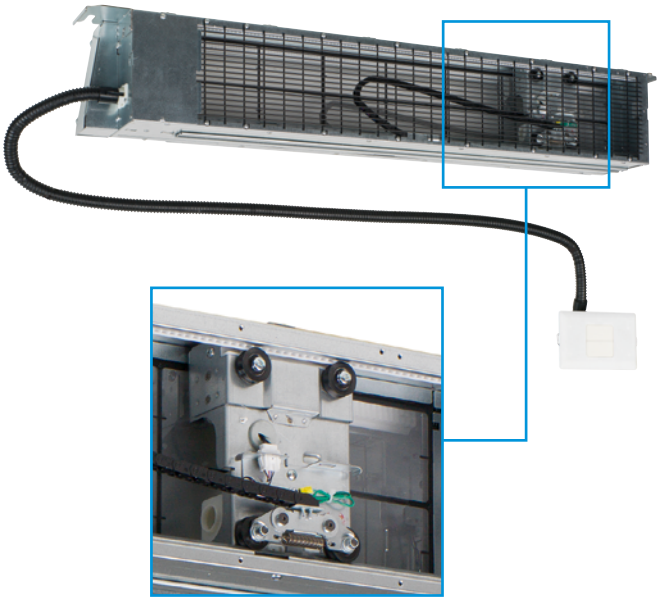
› Medium external static pressure up to 44Pa facilitates unit use with flexible ducts of varying lengths
› Discretely concealed in the wall: only the suction and discharge grilles are visible
› 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices,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



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







Auto cleaning filter option

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

FXDQ-A3

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

Contains fluorinated greenhouse gases

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

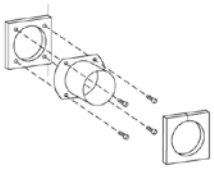
› Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge

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

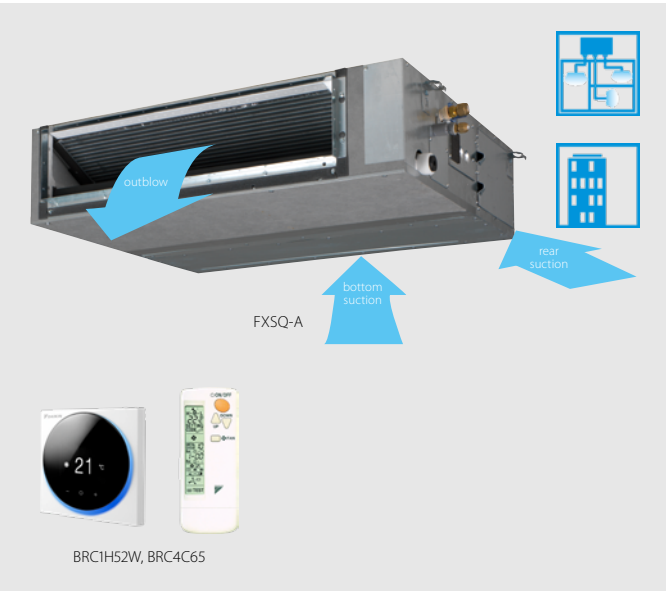
Fresh air intake opening in casing

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

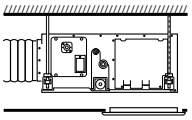
Optional fresh air intake kit



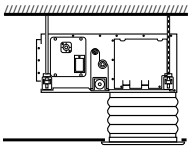
* Allow larger quantities of fresh air to be brought in



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

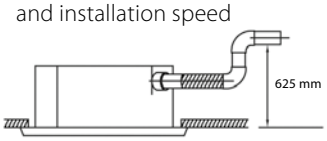


For free use into a false ceiling



For connecting onto a suction canvas (not supplied by Daikin)

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

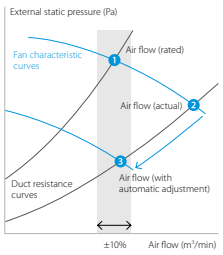


Automatic Airflow Adjustment function

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.

FXSQ-A

Indoor Unit				FXSQ	15A	20A	25A	32A	40A	50A	63A	80A	100A	125A	140A
Cooling capacity	Total capacity	At high fan speed		kW	1.70	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	16.00
Heating capacity	Total capacity	At high fan speed		kW	1.90	2.50	3.20	4.00	5.00	6.30	8.00	10.0	12.5	16.0	18.0
Power input - 50Hz	Cooling	At high fan speed		kW	0.041			0.045	0.087	0.089	0.101	0.135	0.173	0.237	0.247
	Heating	At high fan speed		kW	0.041			0.045	0.087	0.089	0.101	0.135	0.173	0.237	0.247
Dimensions	Unit	HeightxWidthxDepth		mm	245x550x800				245x700x800		245x1,000x800		245x1,400x800		245x1,550x800
Weight	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	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
		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	
Sound pressure level	Cooling	At high / medium / low fan speed		dBA	29.5/28.0/25.0	30.0/28.0/25.0		26.0/29.0/26.0	35.0/32.0/29.0		33.0/30.0/27.0	35.0/32.0/29.0	36.0/34.0/31.0	39.0/36.0/33.0	41.5/38.0/34.0
	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-410A/2,087.5										
Piping connections	Liquid	OD		mm	6.35						9.52				
	Gas	OD		mm	12.7						15.9				
	Drain				VP20 (I.D. 20/O.D. 26), drain height 625 mm										
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220										
Current - 50Hz	Maximum fuse amps (MFA)			A	16										
Control systems	Infrared remote control				BRC4C65										
	Wired remote control				BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52										

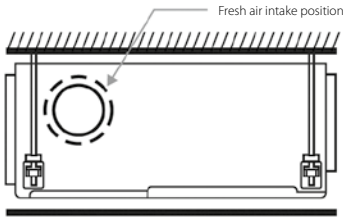
Contains fluorinated greenhouse gases

Concealed ceiling unit with high ESP

Ideal for large sized spaces: ESP up to 250 Pa

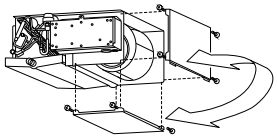
- High external static pressure up to 250Pa facilitates extensive duct and grille network
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Discretely concealed in the wall: only the suction and discharge grilles are visible
- Fresh air intake integrated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

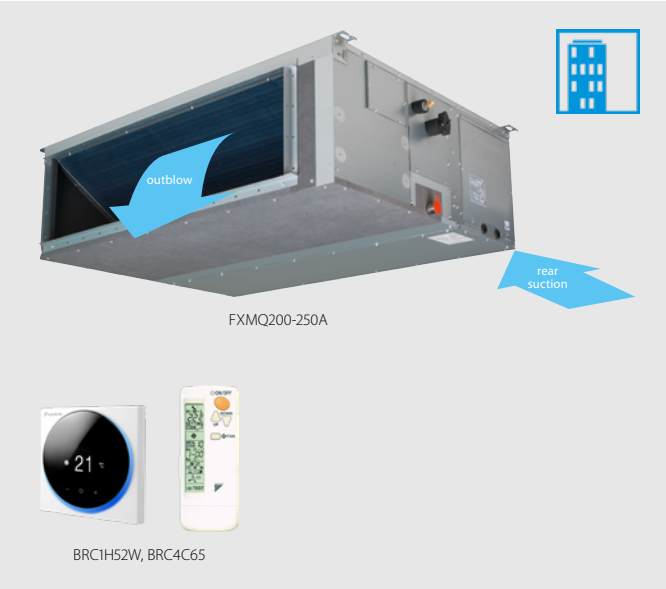
Fresh air intake opening in casing



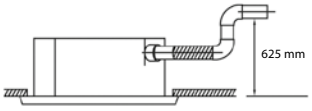
* Brings in up to 10% of fresh air into the room

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





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



- Large capacity unit: up to 31.5 kW heating capacity

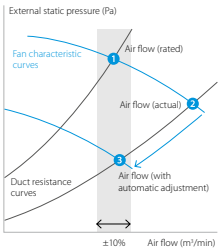
Automatic Airflow Adjustment function

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

Why?

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

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



More details and final information can be found by scanning or clicking the QR codes. FXMQ-P7 FXMQ-A

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

Contains fluorinated greenhouse gases

Wall mounted unit

For rooms with no false ceilings nor free floor space

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

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

FXAQ-A

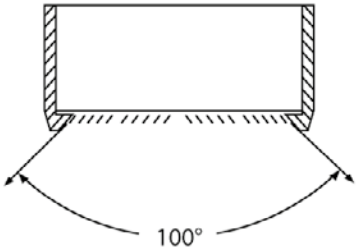
Indoor Unit			FXAQ	15A	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	At high fan speed	kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Total capacity	At high fan speed	kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	At high fan speed	kW	0.02		0.03		0.02	0.03	0.05
	Heating	At high fan speed	kW	0.03			0.04	0.02	0.04	0.06
Dimensions	Unit	HeightxWidthxDepth	mm	290x795x266				290x1,050x269		
Weight	Unit		kg	12				15		
Fan	Air flow rate - 50Hz	Cooling At high fan speed/ At low fan speed	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
Air filter	Type			Washable resin net						
Sound power level	Cooling	At high fan speed	dBA	51.0	52.0	53.0	55.0		58.0	63.0
Sound pressure level	Cooling	At high fan speed/ At low fan speed	dBA	32.0/28.5	33.0/28.5	35.0/28.5	37.5/28.5	37.0/33.5	41.0/35.5	46.5/38.5
	Heating	At high fan speed/ At low fan speed	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
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			VP13 (I.D. 15/O.D. 18)						
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240						
Current - 50Hz	Maximum fuse amps (MFA)		A	16						
Control systems	Infrared remote control			BRC7EA628 / BRC7EA629						
	Wired remote control			BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52						

Contains fluorinated greenhouse gases

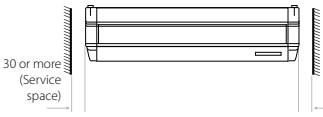
Ceiling suspended unit

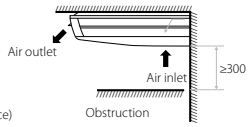
For wide rooms with no false ceilings nor free floor space

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



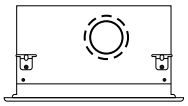
› Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
› Two optional intelligent sensors improve energy efficiency and comfort
› Can easily be installed in both new and refurbishment projects
› Can easily be mounted in corners and narrow spaces, as it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





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

Fresh air intake opening in casing



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

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

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

FXHQ-A

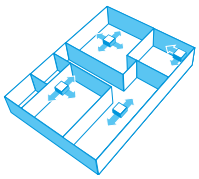
Indoor Unit			FXHQ	32A	63A	100A
Cooling capacity	Total capacity	At high fan speed	kW	3.6	7.1	11.2
Heating capacity	Total capacity	At high fan speed	kW	4.0	8.0	12.5
Power input - 50Hz	Cooling	At high fan speed	kW	0.107	0.111	0.237
	Heating	At high fan speed	kW	0.107	0.111	0.237
Dimensions	Unit	HeightxWidthxDepth	mm	235x960x690	235x1,270x690	235x1,590x690
Weight	Unit		kg	27	35	42
Casing	Material			Resin, sheet metal		
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		
Sound power level	Cooling	At high / medium / low fan speed	dBA	54.0/52.0/49.0	55.0/53.0/52.0	62.0/55.0/52.0
Sound pressure level	Cooling	At high / medium / low fan speed	dBA	36.0/34.0/31.0	37.0/35.0/34.0	44.0/37.0/34.0
	Heating	At high / medium / low fan speed	dBA	36.0/34.0/31.0	37.0/35.0/34.0	44.0/37.0/34.0
Refrigerant	Type/GWP			R-410A/2,087.5		
Piping connections	Liquid	OD	mm	6.35	9.52	
	Gas	OD	mm	12.7	15.9	
	Drain			VP20		
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220		
Current - 50Hz	Maximum fuse amps (MFA)		A	16		
Control systems	Infrared remote control			BRC7GA53-9 / BRC7GA56		
	Wired remote control			BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52		

Contains fluorinated greenhouse gases

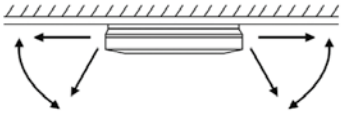
4-way blow ceiling suspended unit

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

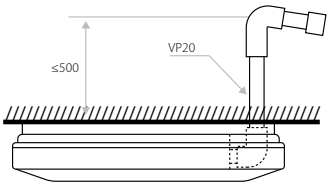
- Even rooms with ceilings up to 3.5m can be heated up or cooled down very easily without capacity loss
- Can easily be installed in both new and refurbishment projects
- Individual flap control: flexibility to suit every room layout without changing the location of the unit!

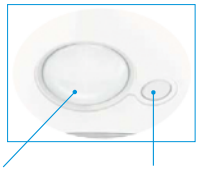


- Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible
- Optimum comfort guaranteed with automatic air flow adjustment to the required load
- 5 different discharge angles between 0 and 60°can be programmed via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



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





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

FXUQ-A

Indoor Unit			FXUQ	71A	100A
Cooling capacity	Total capacity	At high fan speed	kW	8.0	11.2
Heating capacity	Total capacity	At high fan speed	kW	9.0	12.5
Power input - 50Hz	Cooling	At high fan speed	kW	0.090	0.200
	Heating	At high fan speed	kW	0.073	0.179
Dimensions	Unit	HeightxWidthxDepth	mm	198x950x950	
Weight	Unit		kg	26	27
Casing	Material			Resin	
Fan	Air flow rate - 50Hz	Cooling At high / medium / low fan speed	m^3/min	22.5/19.5/16.0	31.0/26.0/21.0
		Heating At high / medium / low fan speed	m^3/min	22.5/19.5/16.0	31.0/26.0/21.0
Air filter	Type			Resin net with mold resistance	
Sound power level	Cooling	At high / medium / low fan speed	dBA	58/56/54	65/62/58
Sound pressure level	Cooling	At high / medium / low fan speed	dBA	40.0/38.0/36.0	47.0/44.0/40.0
	Heating	At high / medium / low fan speed	dBA	40.0/38.0/36.0	47.0/44.0/40.0
Refrigerant	Type/GWP			R-410A/2,087.5	
Piping connections	Liquid	OD	mm	9.52	
	Gas	OD	mm	15.9	
	Drain			I.D. 20/O.D. 26	
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220-230	
Current - 50Hz	Maximum fuse amps (MFA)		A	16	
Control systems	Infrared remote control			BRC7CB58 / BRC7CB59	
	Wired remote control			BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52	

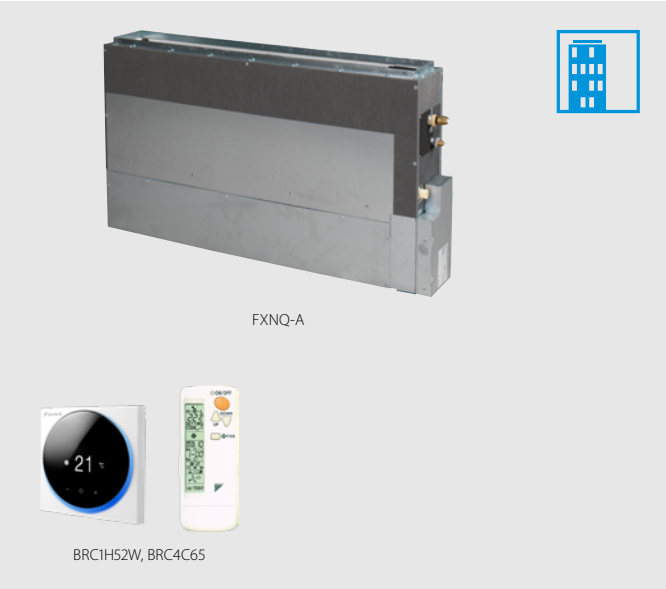
Contains fluorinated greenhouse gases

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

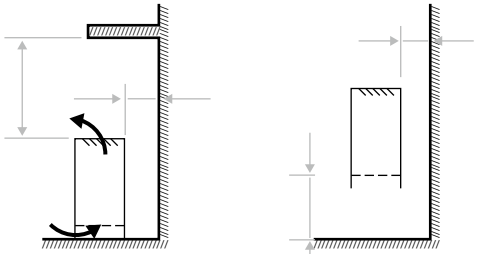
Indoor Unit			FXNQ	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	At high fan speed	kW	2.20	2.80	3.60	4.50	5.60	7.10
Heating capacity	Total capacity	At high fan speed	kW	2.50	3.20	4.00	5.00	6.30	8.00
Power input - 50Hz	Cooling	At high fan speed	kW	0.071			0.078	0.099	0.110
	Heating	At high fan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

Contains fluorinated greenhouse gases

Floor standing unit

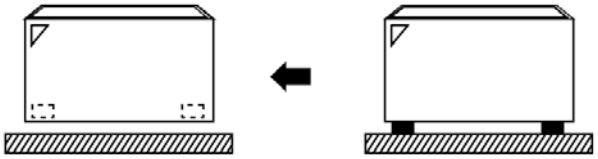
For perimeter zone air conditioning

- 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



Floor standing Wall mounted

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



- Wired remote control can easily be integrated in the unit

FXLQ20-25P

BRC1H52W, BRC4C65

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

FXLQ-P

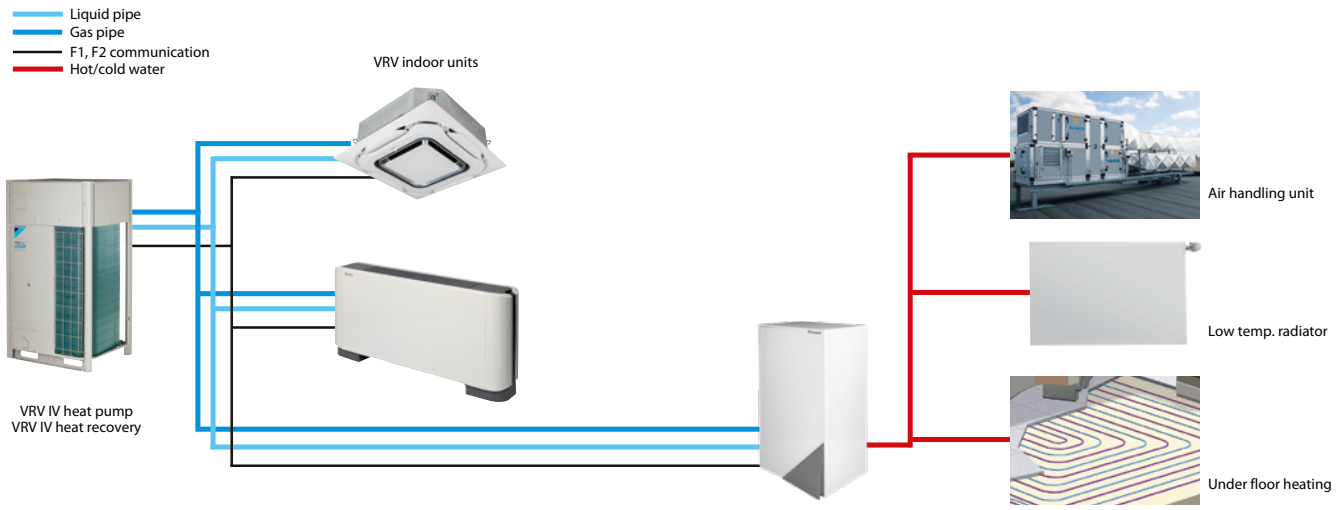
Indoor Unit			FXLQ	20P	25P	32P	40P	50P	63P
Cooling capacity	Total capacity	At high fan speed	kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Total capacity	At high fan speed	kW	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	At high fan speed	kW	0.05		0.09		0.11	
	Heating	At high fan speed	kW	0.05		0.09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

Contains fluorinated greenhouse gases

Low temperature hydrobox for VRV

For high efficiency space heating and cooling

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



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

HXY-A8

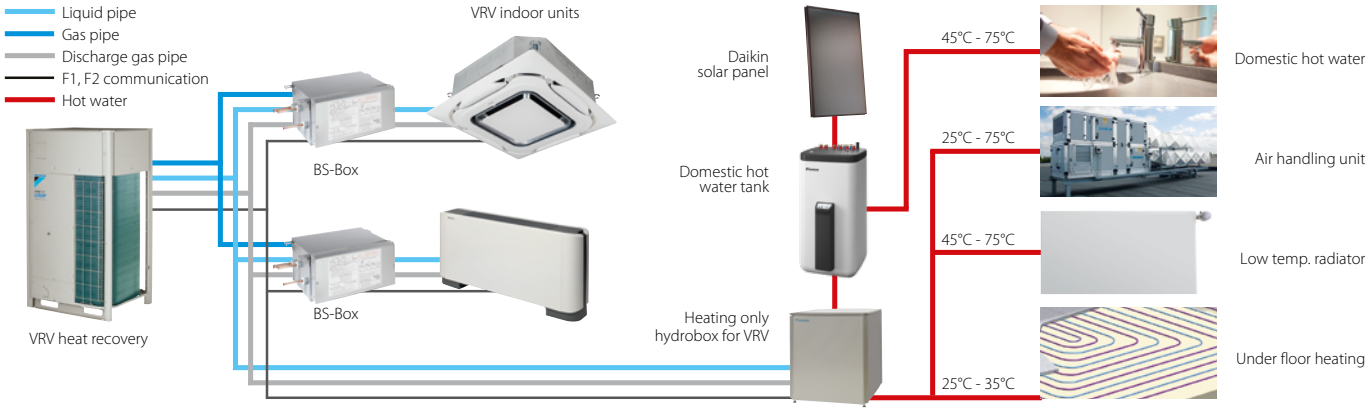
Indoor Unit			HXY	080A8	125A8
Cooling capacity	Nom.		kW	8.0 (1)	12.5 (1)
Heating capacity	Nom.		kW	9.00 (2)	14.00 (2)
Casing	Colour			White	
	Material			Precoated sheet metal	
Dimensions	Unit	HeightxWidthxDepth	mm	890x480x344	
Weight	Unit		kg	44.0	
Operation range	Heating	Ambient Min.~Max.	°C	-20 ~24	
		Water side Min.~Max.	°C	25 ~45	
	Cooling	Ambient Min.~Max.	°CDB	10 ~43	
		Water side Min.~Max.	°C	5 ~20	
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.

HXHD-A8

Indoor Unit			HXHD	125A8	200A8
Heating capacity	Nom.		kW	14.0	22.4
Casing	Colour			Metallic grey	
	Material			Precoated sheet metal	
Dimensions	Unit	HeightxWidthxDepth	mm	705x600x695	
Weight	Unit		kg	92.0	147
Operation range	Heating	Ambient Min.~Max.	°C	-20.0~20(3)/20	
		Water side Min.~Max.	°C	25~80.0	
	Domestic hot water	Ambient Min.~Max.	°CDB	-20.0~43.0	
		Water side Min.~Max.	°C	45~75	
Refrigerant	Type / GWP			R-134a/1,430	
	Charge		kg	2.00	2.60
Sound power level	Nom.		dBA	55.0(1)	60.0(1)
Sound pressure level	Nom.		dBA	42.0(1)/43.0(2)	46.0(1)/46.0(2)
	Night quiet mode	Level 1	dBA	38(1)	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

Daikin Altherma ST Thermal store

Plastic domestic **hot water tank with solar support**

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

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

EKHWP-B EKHWP-PB

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

EKSV-P/EKSH-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 solar collector for domestic hot water production
- Vertical solar collector for domestic hot water production
- High efficiency collectors transfer all the short-wave solar radiation into heat as a result of their highly selective coating
- Easy to install on roof tiles
- Can be used for drain-back and pressurised applications

EKSV21P

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

Accessory				EKSV21P	EKSV26P	EKSH26P
Mounting				Vertical		Horizontal
Dimensions	Unit	HeightxWidthxDepth	mm	2,000x1,006x85	2,000x1,300x85	1,300x2,000x85
Weight	Unit		kg	33	42	
Volume			L	1.30	1.70	2.10
Surface	Outer		m^2	2.01	2.60	
	Aperture		m^2	1,800	2,360	
	Absorber		m^2	1.80	2.36	
Coating				Micro-therm (absorption max. 96%, Emission ca. 5% +/-2%)		
Absorber				Harp-shaped copper pipe register with laser-welded highly selective coated aluminium plate		
Glazing				Single pane safety glass, transmission +/- 92%		
Allowed roof angle	Min. ~ Max.		°	15 ~ 80		
Operating pressure	Max.		bar	6		
Stand still temperature	Max.		°C	192		
Thermal performance	Collector efficiency (ηcol)		%	53		
	Zero loss collector efficiency η0		%	0.71		
	Heat loss coefficient a1		$W/m^2.K$	4,300		
	Temperature dependence of the heat loss coefficient a2		$W/m^2.K^2$	0.006		
	Thermal capacity		kJ/K	4.90	6.50	

EKSRPS4A/EKSRDS2A

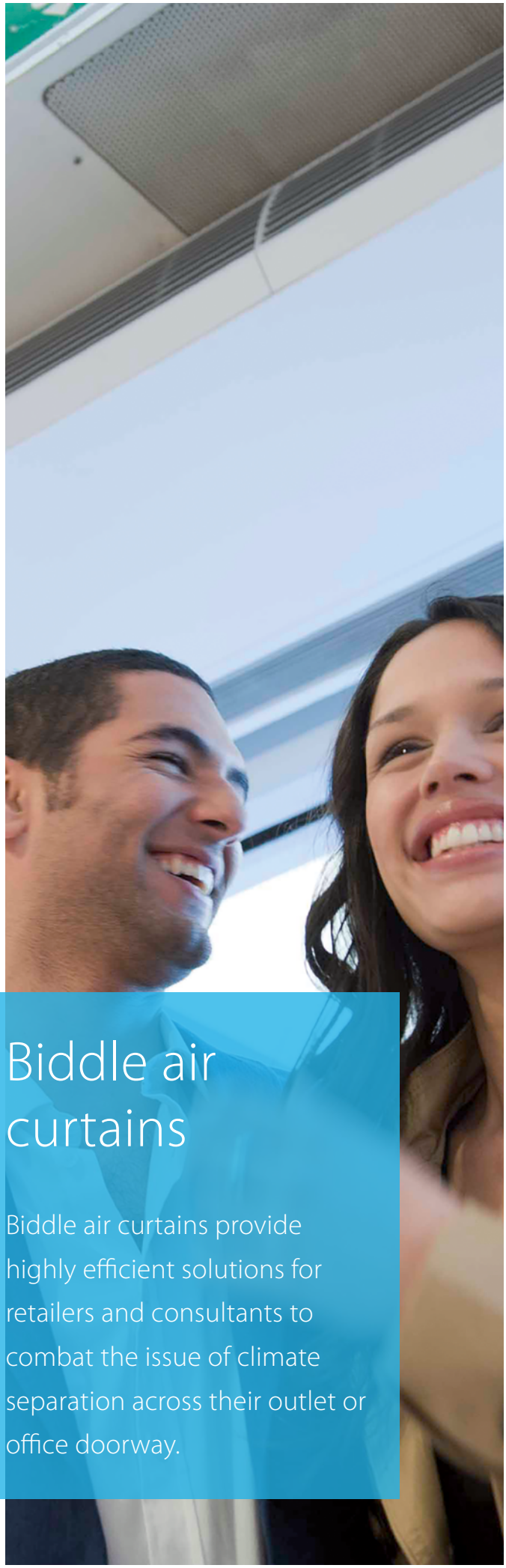
Pump station

- Save energy and reduce CO_2 emissions with a solar system for domestic hot water production
- Pump station connectable to drain-back solar system
- Pump station and control provide the transfer of solar heat to the domestic hot water tank

EKSRPS4A

More details and final information can be found by scanning or clicking the QR codes. EKSRPS4A EKSRDS2A

Accessory				EKSRPS4A	EKSRDS2A
Mounting				On side of tank	On wall
Dimensions	Unit	HeightxWidthxDepth	mm	815x142x230	410x314x154
Weight	Unit		kg	6.40	6
Operation range	Ambient temperature	Min. ~ Max.	°C	5 ~ 40	- ~ 40
Operating pressure	Max.		bar	-	6
Stand still temperature	Max.		°C	85	120
Control	Type			Digital temperature difference controller with plain text display	
	Power consumption		W	2	5
Sensor	Solar panel temperature sensor			Pt1000	
	Storage tank sensor			PTC	-
	Return flow sensor			PTC	-
	Feed temperature and flow sensor			Voltage signal (3.5V DC)	-
Power supply	Phase/Frequency/Voltage		Hz/V	1 ~/50/230	-/50/230
Power supply intake				Indoor unit	
Auxiliary	Solpump		W	37.3	23
	Annual auxiliary electricity consumption Qaux		kWh	92.1	89
	Solstandby		W	2.00	5.00



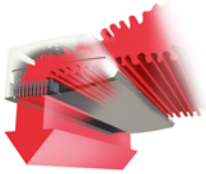
Biddle air curtains

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

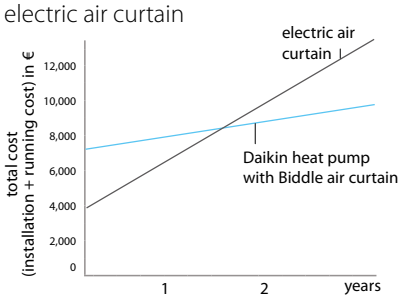
Benefits of Biddle air curtains

› Connectable to ERQ and VRV units
› Unified range for R-32 and R-410A refrigerant

› Patented rectifier technology achieves an air separation level of up to 85%, significantly reducing heat losses



› payback period of less then 1.5 years compared to installing an electric air curtain



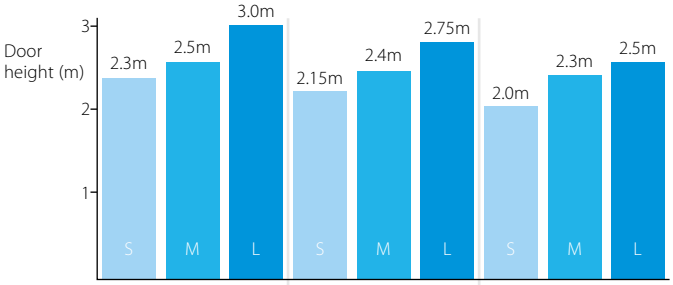
3 different models to choose from:

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

Select your Biddle air curtain range



Installation condition	Favourable	Normal	Unfavourable
	ex: covered shopping mall or revolving door entrance	ex: little direct wind, no opposite open doors, building with ground floor only	ex: location at a corner or square, multiple floors and / or open stairwell

Biddle air curtain nomenclature

CYA S 150 DK 80 F S N

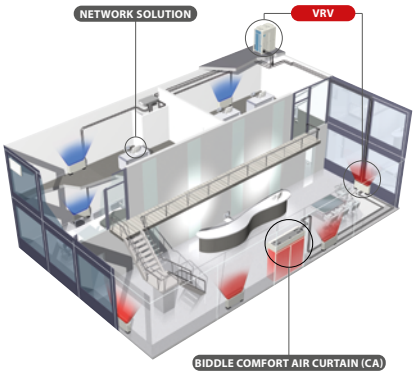
- N — No Biddle controller
- S — Color: B = White (RAL 9016); S = Grey (RAL 9006)
- F — Installation type: F = Free hanging; C = Cassette; R = Recessed
- 80 — Capacity class (kW)
- DK — Daikin direct expansion
- 150 — Door width (cm)
- S — Range: S = Small; M = Medium; L = Large
- CYA — Biddle air curtain for ERQ and VRV; Unified model for R-32 and R-410A

NEW CYA-S/M/L-DK-F/C/R

Biddle air curtain

New R-32 range

- Connectable to ERQ and VRV DX outdoor units
- Unified model for R-32 and R-410A refrigerant
- 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 then 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. CYA

				Small				Medium			
				CYAS100DK80 *BC/*SC	CYAS150DK80 *BC/*SC	CYAS200DK100 *BC/*SC	CYAS250DK140 *BC/*SC	CYAM100DK80 *BC/*SC	CYAM150DK80 *BC/*SC	CYAM200DK100 *BC/*SC	CYAM250DK140 *BC/*SC
Heating capacity	Speed 3		kW	7.40	9.0	11.6	16.2	9.2	11.0	13.4	19.9
Power input	Fan only	Nom.	kW	0.23	0.35	0.46	0.58	0.37	0.56	0.75	0.94
	Heating	Nom.	kW	0.23	0.35	0.46	0.58	0.37	0.56	0.75	0.94
Delta T	Speed 3		K	19	15		16	17	14	13	15
Casing	Colour			BN: RAL9010 / SN: RAL9006							
Dimensions	Unit	Height F/C/R	mm	270/270/270							
		Width F/C/R	mm	1,000/1,000/1,048	1,500/1,500/1,548	2,000/2,000/2,048	2,500/2,500/2,548	1,000/1,000/1,048	1,500/1,500/1,548	2,000/2,000/2,048	2,500/2,500/2,548
		Depth F/C/R	mm	590/821/561							
Required ceiling void >			mm	420							
Door height	Max.		m	2.3(1)/2.15(2)/2.0(3)	2.3(1)/2.15(2)/2.0(3)	2.3(1)/2.15(2)/2.0(3)	2.3(1)/2.15(2)/2.0(3)	2.5(1)/2.4(2)/2.3(3)	2.5(1)/2.4(2)/2.3(3)	2.5(1)/2.4(2)/2.3(3)	2.5(1)/2.4(2)/2.3(3)
Door width	Max.		m	1.0	1.5	2.0	2.5	1.0	1.5	2.0	2.5
Weight	Unit		kg	56	66	83	107	57	73	94	108
Fan-Air flow rate	Heating	Speed 3	m^3/h	1,164	1,746	2,328	2,910	1,605	2,408	3,210	4,013
Sound pressure level	Heating	Speed 3	dBA	47	49	50	51	50	51	53	54
Refrigerant	Type / GWP			R-32 / 675 R-410A / 2,087.5							
Piping connections	Liquid/OD/Gas/OD		mm	9.52/15.9			9.52/19.1	9.52/15.9			9.52/19.1
Required accessories (should be ordered separately)				Daikin wired remote control (BRC1H51(9)W/S/K / BRC1E53A/B/C / BRC1D52)							
Power supply	Voltage		V	230							

				Large			
				CYAL100DK125*BC/*SC	CYAL150DK200*BC/*SC	CYAL200DK250*BC/*SC	CYAL250DK250*BC/*SC
Heating capacity	Speed 3		kW	15.6	23.3	29.4	31.1
Power input	Fan only	Nom.	kW	0.75	1.13	1.50	1.88
	Heating	Nom.	kW	0.75	1.13	1.50	1.88
Delta T	Speed 3		K	15		14	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	dBA	53	54	56	57
Refrigerant	Type / GWP			R-32 / 675 R-410A / 2,087.5			
Piping connections	Liquid/OD/Gas/OD		mm	9.52/15.9	9.52/19.1	9.52/22.2	
Required accessories (should be ordered separately)				Daikin wired remote control (BRC1H51(9)W/S/K / BRC1E53A/B/C / BRC1D52)			
Power supply	Voltage		V	230			

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

*Note: blue cells contain preliminary data

Options & accessories - VRV outdoor

		R-32		R-32	
		VRV 5 heat recovery		VRV 5 heat pump	
		REYA8-20 REMA5	2 module systems	RXYA 8~20 RYMA5	2-module systems
Kits	**Multi-module connection kit (obligatory)** - Connects multiple modules into a single refrigerant system		2 modules: BHFQ23P907A		2 modules: BHFA22P1007
Kits	**Extended level difference kit** - Allows outdoor unit to be more than 50m above indoor units	Special order unit			
Kits	**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.				
Kits	**Bottom plate heater** - To keep drain holes ice-free in extreme weather conditions (one per outdoor unit needed)	5/8-12: EKBPH012TA 14-20: EKBPH020TA	1 kit per system	5/8-12: EKBPH012TA 14-20: EKBPH020TA	1 kit per system
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 mouting plate is required (2). 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.			● (3)	
Adapters	Cool/heat selector PCB (required to connect KRC19-26)			EKBRP2A81	
Others	**EKCHSC** - Cool/heat selector cable				
Others	**EKPCCAB4** VRV configurator				
Others	**DTA109A51** DIII-net expander adapter	● (2) (4)		● (2) (4)	
Others	**BPMKS967A2/A3** Branch provider (for connection of 2/3 RA indoor units)				
Others	**EKDK04** Drain plug kit				
Others	**EKLN140A** Sound enclosure				

		VRV IV S-series			
		RXYSCQ-TV1	RXYSQ4-6TV9	RXYSQ4-6TY9	RXYSQ8-12TY1
Kits	**Multi-module connection kit (obligatory)** - Connects multiple modules into a single refrigerant system				
Kits	**Extended level difference kit** - Allows outdoor unit to be more than 50m above indoor units				
Kits	**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.				
Kits	**Bottom plate heater** - To keep drain holes ice-free in extreme weather conditions (one per outdoor unit needed)				
Adapters	**External control adapter for outdoor unit** - Allows to activate Low Noise Operation and three levels of demand control, limiting power consumption via external dry contacts. Connects to the F1/F2 communication line and requires power supply from an indoor unit, BSVQ box, or VRV-WIII outdoor unit.	DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. See Options & Accessories of indoor units			
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.		● (3)	● (3)	
Adapters	Cool/heat selector PCB (Required to connect KRC19-26)		EBRP2B		
Others	**EKCHSC** Cool/heat selector cable (Required to connect KRC19-26)			●	
Others	**EKPCCAB4** VRV configurator	●	●	●	●
Others	**DTA109A51** DIII-net expander adapter				
Others	**BPMKS967A2/A3** Branch provider (for connection of 2/3 RA indoor units)	●	●	●	●
Others	**EKDK04** Drain plug kit		●	●	

(1) For installations with special requirements towards fire regulations, the insulation material can be replaced using kits EKHBFQ1 and EKHBFQ2.
The kits contain insulation material that complies with EN13501-1:B-S3,dO and BS476-7 (class 1)
(2) Requires mounting plate EKSB26B2* for 14~20HP
(3) Requires installation box KJB111A
(4) Only possible to install 1 adapter PCB

R-32

VRV S-series		VRV IV+ heat recovery		VRV IV+ heat pump		VRV IV C+series	
RXYSA4-6AV1/AY1	RXYSA8-12AAY1	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: BHFQ23P907A 3 modules: BHFQ23P1357		2 modules: BHFQ22P1007 3 modules: BHFQ22P1517		2 modules: BHFQ22P1007 3 modules: BHFQ22P1517
EKBPH250D		5/8-12: EKBPH012T7A 14-20: EKBPH020T7A		8-12: EKBPH012T7A 14-20: EKBPH020T7A			
DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. 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 mouting plate is required (2). See Options & Accessories of indoor units					
● (3)	Standard on unit			● (3)	1 kit per system (3)	● (3)	1 kit per system (3)
Standard on unit	Standard on unit			BRP2A81	1 kit per system	BRP2A81	1 kit per system
●				●		●	
				●		●	
●							

VRV IV i-series SB.RKXYQ			
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			
		● (3)	● (3)
			BRP2A81
		●	
		●	●

		VRV III-Q Heat Pump Replacement VRV	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
Kits	**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		
Kits	**Bottom plate heater** - To keep drain holes ice-free in extreme weather conditions (one per outdoor unit needed)		8-12: EKBPH012T7A 14-20: EKBPH020T7A	
Adapters	**External control adapter for outdoor unit** - Allows to activate Low Noise Operation and three levels of demand control, limiting power consumption via external dry contacts. Connects to the F1/F2 communication line and requires power supply from an indoor unit*, BSVQ box, or VRV-WIII outdoor unit.	DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. For 14-20 HP the demand PCB mouting plate is required (2). 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.	● (3)	● (3)	1 kit per system
Adapters	**BRP2A81** Cool/heat selector PCB (required to connect KRC19-26 to VRV IV outdoor)		●	1 kit per system
Others	**EKPCCAB4** VRV configurator		●	
Others	**DTA109A51** Dlll-net expander adapter			

(1) For installations with special requirements towards fire regulations, the insulation material can be replaced using kits EKHBFQ1 and EKHBFQ2.
The kits contain insulation material that complies with EN13501-1:B-S3,dO and BS476-7 (class 1)
(2) Requires mounting plate EKSB26B2* for 14~20HP
(3) Requires installation box KJB111A
(4) Only possible to install 1 adapter PCB

Refnets & branch selector boxes

		Refnet Joints			
		Capacity index	Capacity index	Capacity index	Capacity index
		< 200	200 ≤ x < 290	290 ≤ x < 640	> 640
Refnets	Imperial-size connections for heat recovery pump (2-pipe)	For all R-410A VRV: KHRQ22M20T For all R-410A+R-32 VRV: KHRQ22M20TA	KHRQ22M29T9	For all R-410A VRV: KHRQ22M64T For all R-32 VRV: KHRA22M65T	KHRQ22M75T
Refnets	Imperial-size connections for heat recovery pump (2-pipe) (1)	KHRQ23M20T	KHRQ23M29T	KHRQ23M64T	KHRQ23M75T
Options for Branch selector boxes (BS box) (only for connection with VRV heat recovery system)	Closed pipe kit				
Options for Branch selector boxes (BS box) (only for connection with VRV heat recovery system)	Joint kit				
Options for Branch selector boxes (BS box) (only for connection with VRV heat recovery system)	Quiet kit				
Options for Branch selector boxes (BS box) (only for connection with VRV heat recovery system)	Duct connection: To connect extraction of BSSV boxes in serial				
Options for Branch selector boxes (BS box) (only for connection with VRV heat recovery system)	Drain pump kit				

(1) For metric size connections, contact your local sales responsible
(2) not applicable for SV1A25A

VRV III-Q Heat Recovery Replacement VRV		VRV-W IV Water-cooled VRV		
			Heat Pump application	Heat Recovery application
RQEQ 140~212	2/3/4-module systems	RWEYQ8-14	2/3-module systems	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) (3)	1 kit per system	
		● (for H/P only)	1 kit per system	
		●	●	●
		●	●	●

			R-32	R-32	R-410A	
Refnet Headers			VRV 5 Heat Recovery Branch Selector (BSSV) boxes	VRV 5 Heat Pump optional Shut off valve (SV) boxes	VRV IV Heat Recovery Branch Selector (BS) boxes	
Capacity index	Capacity index	Capacity index	Multi port	Single & multi port	1-port	Multi port
< 290	290 ≤ x < 640	> 640	BS-A14AV1B	SV-A	BS1Q-A	BS-Q14AV1B
KHRQ22M29H	For all R-410A VRV: KHRQ22M64H For all R-32 VRV: KHRA22M65H	KHRQ22M75H				
KHRQ23M29H	KHRQ23M64H	KHRQ23M75H				
				Accessories in the box		KHFP26A100C
			EKBSJK	EKBSJK (2)		KHRP26A250T
					EKBSVQLNP	4 port: KDDN26A4 6-8 port: KDDN26A8 10-12 port: KDDN26A12 16 port: KDDN26A16
			EKBSDCK	EKBSDCK		
			K-KDU303KVE	K-KDU303KVE		

Options & accessories - VRV indoor R-32 BLUEVOLUTION

			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)	BYFQ60C4W1W (white panel) (19) BYFQ60C4W1S (grey panel) (19) BYFQ60B3W1 (standard panel) (20)
		Panel spacer for reducing required installation height		KDBQ44B60 (Standard panel)
		Sealing kit for 3- or 2-directional air discharge	KDBHQ56B140 (7)	BDBHQ44C60 (white & grey panel)
		Sensor kit	BRYQ140B (white panels) BRYQ140BB (black panels) BRYQ140C (white designer panel) BRYQ140CB (black designer panel)	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	**EKMBPP1** - Modbus interface for monitoring and control (check compatibility)	●	●
		RTD-10 - Modbus interface for infrastructure cooling	●	●
		RTD-20 - Modbus interface for retail	●	●
		RTD-HO - Modbus interface for hotel	●	●
		KLIC-DI_V2 - KNX Interface	●	●
	for central control	**DCM601B51** - intelligent Touch Manager	●	●
		DGE601A51 - Edge adapter for connection to Daikin Cloud Plus	●	●
		DGE602A51 - Edge lite adapter for connection to Daikin Cloud Plus	●	●
		EKMBDXB - Modbus interface	●	●
		DCM010A51 - Daikin PMS interface	●	●
		DMS502A51 - BACnet Interface	●	●
		DMS504B51 - LonWorks Interface	●	●
Filters		Auto cleaning filter	see decoration panel	
		UV Streamer kit (purifies the air of pollutants such as virusses, bacteria, fine dust, oudeurs, allergens, etc ensuring a healthy indoor environment) — UV Streamer kit	BAEF125AWB (22)	
		UV Streamer kit (purifies the air of pollutants such as virusses, bacteria, fine dust, oudeurs, allergens, etc ensuring a healthy indoor environment) — Replacement filter	BAF55A125	
		High efficiency filter	ePM10 60% BAF552AA160 (23) (BAF552AA160-5: box of 5 filters) (BAF552AA160-10 (box of 10 filter)	
		Replacement long life filter, non-woven type	KAF5511D160	KAF441C60
		Pre-filter		
		Filter chamber		
Wiring and sensors		**KRCS** - External wired temperature sensor	KRCS01-5B	KRCS01-6B
		K.RSS - External wireless temperature sensor	SB.K.RSS_RFC (EKEWTSC-2 + K.RSS)	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)
Adapters		Adapter with 2 output signals (Compressor / Error, Fan output)	KRP1BA58 (2)(7)	ERP02A50 (2)
		Adapter with 4 output signals (Compressor / Error, Fan, Aux. heater, Humidifier output)	EKRP1C12 (2)(7)	EKRP1C14 (2)
		Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-140Ω (for dedicated indoor)	KRP4A53 (2)(7)	KRP4A53 (2)
		Adapter for external central monitoring/control (controls 1 entire system)		KRP2A52
		Adapter for keycard and/or window contact connection (2)(11)	BRP7A53	BRP7A53 (2)
		Adapter for multi-tenant applications (24VAC PCB power supply interface)	DTA114A61	DTA114A61
		External control adapter for outdoor unit (installation on indoor unit)		
		Installation box / Mounting plate for adapter PCBs (For units where there is no space in the switchbox)	KRP1H98A (7) KRP1BC101	KRP1BC101
		Wiring kit for Remote ON/OFF or Forced OFF	Standard	Standard
		Relay PCB for output signal of refrigerant sensor	ERP01A51 (2)	ERP01A50 (2)
Others		Drain pump kit	Standard	Standard
		Multi zoning kit (for detailed model code overview refer to multizoning argue card in this catalogue)		
		Fresh air intake kit (direct installation type)	KDDP55C160-1 + KDDP55D160-2 (7)(8)	KDDQ44XA60
		Air discharge adapter for round duct		
		L-type piping kit		
		Insulation kit for high humidity		

(1) pump station is necessary for this option
(2) Installation box is necessary for these adapters
(3) The BYCQ140EW has white insulation. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140EW decoration panel in environments exposed to concentrations of dirt*
(4) Not recommended because of the limitation of the functions
(5) To be able to control the BYCQ140EGF(B) the controller BRC1E or BRC1H* is needed
(6) The BYCQ140EGF(B) is not compatible with Multi and Split Non-Inverter Outdoor units
(7) Option not available in combination with BYCQ140EGF(B)
(8) Both parts of the fresh air intake are needed for each unit
(9) Cannot be combined with sensor kit
(10) Independently controllable flaps function not available
(11) Only possible in combination with BRC1H* / BRC1E*
(12) When fixing box is required, use KJB212A, KJB311A or KJB411A depending on the size of the controller

Concealed ceiling units (duct units)			Ceiling suspended units		Wall mounted units
Slim	Medium ESP	High ESP	1-way blow	4-way blow	
FXDA-A	FXSA-A	FXMA-A	FXHA-A	FXUA-A	FXAA-A
				KDBHP49B140 + KDBTP49B140	
				BRE49B2F	
BRC4C65	BRC4C65	BRC4C65	BRC7GA53-9	BRC7C58	BRC7EA630
●	●	●	●	●	●
● (mandatory)	● (mandatory)	● (mandatory)	● (mandatory)	● (mandatory)	● (mandatory)
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●		●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
15-32: BAE20A62 40-50: BAE20A82 63: BAE20A102					
		Replacement filters for 200~250: BAFM503A250 (65%) (21) BAFH504A250 (90%) (21)			
		200~250: BAFL502A250 (21)	32: KAF501B56 50~63: KAF501B80 71~100: KAF501B160	KAFP551K160	
		200~250: BAFL501A250 (21)			
		200~250: BDD500B250			
KRCS01-6B	KRCS01-6B	KRCS01-6B	KRCS01-6B	KRCS01-6B	KRCS01-6B
SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	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 (2)		EKRP1C14 (2)	ERP02A50 (2)
KRP4A54-9 (2)	KRP4A52(2)	50~125: KRP4A52 200~250: KRP4A51	KRP4A52 (2)	KRP4A53 (2)	KRP4A51 (2)
KRP2A53 (2)	KRP2A51(2)	KRP2A51	KRP2A62		KRP2A61(2)
BRP7A54	BRP7A51	BRP7A51	BRP7A52 (2)	BRP7A53	BRP7A51 (2)
DTA114A61	DTA114A61	DTA114A61	DTA114A61-9	DTA114A61-9	DTA114A61
DTA104A53	DTA104A61 (2)	DTA104A61 (2)	DTA104A61	DTA104A61	DTA104A51(2) / DTA104A61(2)
KRP1BC101	KRP1BC101	KRP1BC101	KRP1D93A/KRP4B93	KRP1B97 / KRP1C97	KRP4A93
	Standard	Standard	standard	standard	Standard
ERP01A51 (2)	ERP01A50 (2)	ERP01A50	ERP01A51 (2)	ERP01A51 (2)	ERP01A51 (2)
Standard	Standard	200~250: BDU510B250VM	32-50-63: KDU50R63 100: KDU50R160		K-KDU572KVE
	15~32: KDAP25A36A 40~50: KDAP25A56A 63~80: KDAP25A71A 100~125: KDAP25A140A 140: -	50~80: KDAJ25K71 100~125: KDAJ25K140 200~250: -			
			32: KHFP5M35 50~63: KHFP5N63 71~100: KHFP5N160		
KDT25N32 / KDT25N50 / KDT25N63					

(13) Option KEK26-1A (Noise filter) is required when installing DCS301B51
(14) Wire harnass EKEWTSC is necessary
(15) The active airflow circulation function is not available for this controller.
(16) Up to 2 adaptor PCBs can be installed per installation box
(17) Only one installation box can be installed per indoor unit
(18) VRV R-32 indoor units cannot be connected to this controller
(19) The BYFQ60C4* R-32 panels can be connected to R-410A indoor units with wire harness EKRS22
(20) Wire harness EKRS23 is necessary
(21) Filter chamber needed
(22) Only possible in combination with BYCQ140E and BYCQ140EW. Cannot be combined with other filters, chambers, fresh air intake kits or air discharge outlet sealing member kit
(23) Only possible in combination with BYCQ140E/EW/EB. Cannot be combined with other filters, chambers, fresh air intake kits or discharge outlet sealing member kit

Options & accessories - VRV indoor & hot water R-410A LOOP BY DAIKIN

		Ceiling mounted cassette units			
		Round flow (800x800)	4-way (600x600)	2-way blow	Corner (1-way blow)
		FXFQ-B	FXZQ-A	FXCQ-A	FXKQ-MA
Panels	Decoration panel (obligatory for cassette units, optional for others, rear panel for FXLQ)	Standard panels: BYCQ140E (white) / BYCQ140EW (full white)(3) / BYCQ140EB (black) Auto cleaning (5)(6): BYCQ140EGF (white) / BYCQ140EGFB (black) Designer panels: BYCQ140EP (white) / BYCQ140EPB (black)	BYFQ60C2W1W (white panel) BYFQ60C2W1S (grey panel) BYFQ60B3W1 (standard panel)	20~40: BYBCQ40H 50~63: BYBCQ63H 80~125: BYBCQ125H	25~40: BYK45F 63: BYK71F
	Panel spacer for reducing required installation height		KDBQ44B60 (Standard panel)		25~40: KPBJ52F56 63: KPBJ52F80
	Sealing kit for 3- or 2-directional air discharge	KDBHQ56B140 (7)	BDBHQ44C60 (white & grey panel)		
	Sensor kit	BRYQ140B (white panels) BRYQ140BB (black panels) BRYQ140C (white designer panel) BRYQ140CB (black designer panel)	BRYQ60A2W (white) BRYQ60A2S (grey)		
Individual control systems	Infrared remote control including receiver	BRC7FA532F (white panels) (7)(15) BRC7FA532FB (black panels) (7)(15) BRC7FB532F (white designer panel) (7)(15) BRC7FB532FB (black designer panel) (7)(15)	BRC7F530W (9) (10) (white panel) BRC7F530S (9) (10) (grey panel) BRC7EB530W (9) (10) (standard panel)	BRC7C52	BRC4C61
	BRP069C51 - Onecta app				
	Madoka **BRC1H52W** (White) / **BRC1H52S** (Silver) / **BRC1H52K** (Black) User-friendly wired remote controller with premium design	●	●	●	●
	BRC1E53A/B/C - Wired remote control with full-text interface and back-light	● (18)	● (18)	●	●
	BRC1D52 (4) - Standard wired remote control with weekly timer	● (15)(18)	● (18)	●	●
Centralised control systems	**DCC601A51** - Intelligent Tablet Controller	●	●	●	●
	DCS601C51 (12) - intelligent Touch Controller	●	●	●	●
	DCS302C51 (12) - Central remote control	●	●	●	●
	DCS301B51 (12) (13) - Unified ON/OFF control	●	●	●	●
Building Management System & Standard protocol interfaces – for individual control	**EKMBPP1** - 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_V2 - KNX Interface	●	●	●	●
Building Management System & Standard protocol interfaces – for central control	**DCM601B51** - intelligent Touch Manager	●	●	●	●
	DGE601A51 - Edge adapter for connection to Daikin Cloud Plus	●	●	●	●
	DGE602A51 - Edge lite adapter for connection to Daikin Cloud Plus	●	●	●	●
	EKMBDXB - Modbus interface	●	●	●	●
	DCM010A51 - Daikin PMS interface	●	●	●	●
	DMS502A51 - BACnet Interface	●	●	●	●
	DMS504B51 - LonWorks Interface	●	●	●	●
Filters	Auto cleaning filter	see decoration panel			
	UV Streamer kit (purifies the air of pollutants such as viruses, bacteria, fine dust, oudeurs, allergens, etc ensuring a healthy indoor environment) – UV Streamer kit	BAEF125AWB (22)			
	UV Streamer kit (purifies the air of pollutants such as viruses, bacteria, fine dust, oudeurs, allergens, etc ensuring a healthy indoor environment) – Replacement filter	BAF55A125			
	High efficiency filter	BAF552AA160 ePM10 60% (26) (BAF552AA160-5: box of 5 filters) (BAF552AA160-10 (box of 10 filter)			
	Replacement long life filter, non-woven type	KAF5511D160	KAF441C60	20~40: KAF531C50 50~63: KAF531C80 80~125: KAF531C160	
	Pre-filter				
	Filter chamber				
Wiring and sensors	**KRCS** - External wired temperature sensor	KRCS01-5B	KRCS01-4	KRCS01-4	KRCS01-1
	K.RSS - External wireless temperature sensor	K.RSS	K.RSS	●	●
Adapters	Adapter with 2 output signals (Compressor / Error, Fan output)	KRP1BA58 (2)(7)	KRP1B57 (2)		
	Adapter with 4 output signals (Compressor / Error, Fan, Aux. heater, Humidifier output)	EKRP1C12 (2)(7)	EKRP1B2 (2)	EKRP1B2 (2)	KRP1B61
	Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-140Ω (for dedicated indoor)	KRP4A53 (2)(7)	KRP4A53 (2)	KRP4A51 (2)	KRP4A51
	Adapter for external central monitoring/control (controls 1 entire system)		KRP2A52	KRP2A51 (2)	KRP2A61
	Adapter for keycard and/or window contact connection (2)(11)	BRP7A53	BRP7A53 (2)	BRP7A51	BRP7A51
	Adapter for multi-tenant applications (24VAC PCB power supply interface)	DTA114A61	DTA114A61	DTA114A61-9	
	External control adapter for outdoor unit (installation on indoor unit)			DTA104A61 (2)	DTA104A61
	Installation box / Mounting plate for adapter PCBs (For units where there is no space in the switchbox)	KRP1H98A (7) KRP1BC101	KRP1BC101	KRP1C96 (16) (17)	
	Wiring kit for Remote ON/OFF or Forced OFF	Standard	Standard	Standard	Standard
	Relay PCB for output signal of refrigerant sensor				
Others	Drain pump kit	Standard	Standard	Standard	Standard
	Multi zoning kit (for detailed model code overview refer to multizoning argue card in this catalogue)				
	Fresh air intake kit (direct installation type)	KDDP55C160-1 + KDDP55D160-2 (7)(8)	KDDQ44XA60		
	Air discharge adapter for round duct				
	L-type piping kit				
	Filter chamber for bottom suction			20~40: KDDFP53B50 50~63: KDDFP53B80 80~125: KDDFP53B160	
	Insulation kit for high humidity				

(1) pump station is necessary for this option
(2) Installation box is necessary for these adapters
(3) The BYCQ140EW has white insulation. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140EW decoration panel in environments exposed to concentrations of dirt"
(4) Not recommended because of the limitation of the functions
(5) To be able to control the BYCQ140EGF(B) the controller BRC1E or BRC1H* is needed
(6) The BYCQ140EGF(B) is not compatible with Multi and Split Non-Inverter Outdoor units
(7) Option not available in combination with BYCQ140EGF(B)
(8) Both parts of the fresh air intake are needed for each unit
(9) Cannot be combined with sensor kit
(10) Independently controllable flaps function not available
(11) Only possible in combination with BRC1H* / BRC1E*
(12) When fixing box is required, use KJB212A, KJB311A or KJB411A depending on the size of the controller
(13) Option KEK26-1A (Noise filter) is required when installing DCS301B51
(14) Wire harnass 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

Concealed ceiling units (duct units)				Ceiling suspended units		Wall mounted units	Floor standing units	
Slim	Medium ESP	High ESP		1-way blow	4-way blow		Concealed	Free-standing
FXDQ-A3	FXSQ-A	FXMQ-P7	FXMQ-A	FXHQ-A	FXUQ-A	FXAQ-A	FXNQ-A	FXLQ-P
								20~25: EKRDP25A5 32~40: EKRDP40A5 50~63: EKRDP63A5
					KDBHP49B140 + KDBTP49B140			
BRC4C65	BRC4C65	BRC4C65	BRC4C65	BRC7GA53-9	BRC7C58	BRC7EA629 / BRC7EA628	BRC4C65	BRC4C65
●	●	●	●	●	●	●	●	●
● (18)	● (18)	●	●	●	●	●	●	●
● (18)	● (18)	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●		●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
15-32: BAE20A62 40-50: BAE20A82 63: BAE20A102								
			Replacement filter BAFM503A250 (65%) (21) BAFH504A250 (90%) (21)					
			BAFL502A250 (21)	32: KAF501B56 63: KAF501B80 100: KAF501B160	KAF5511D160			20~25: KAF361L28 32~40: KAF361L45 50~63: KAF361L71
			BAFL501A250 (21)					
			BDD500B250					
KRCS01-4	KRCS01-4	KRCS01-4	KRCS01-6B	KRCS01-4	KRCS01-4	KRCS01-1	KRSC01-4	KRCS01-1
K.RSS	K.RSS	●	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	●	●	K.RSS + EKEWTSC	●	●
		KRP1C64 (2)	KRP1C65	KRP1B54 (2)				
KRP1B56	EKRP1B2 (2)	EKRP1B2 (2)	EKRP1C14 (2)				KRP1B56	KRP1B61
KRP4A54-9 (2)	KRP4A52 (2)	KRP4A51 (2)	KRP4A51	KRP4A52 (2)	KRP4A53 (2)	KRP4A51 (2)	KRP4A54-9	KRP4A51
KRP2A53 (2)	KRP2A51 (2)	KRP2A51 (2)	KRP2A51	KRP2A62 (2)		KRP2A51 (2)/ KRP2A61(2)	KRP2A53	KRP2A51
BRP7A54	BRP7A51	BRP7A51	BRP7A51	BRP7A52	BRP7A53	BRP7A51 (2)	BRP7A54	BRP7A51
DTA114A61	DTA114A61 (2)	DTA114A61 (2)	DTA114A61	DTA114A61-9	DTA114A61-9	DTA114A61	DTA114A61	EKMTAC
DTA104A53	DTA104A61	DTA104A61 (2)	DTA104A61	DTA104A62-9		DTA104A51 / DTA104A61	DTA104A53	DTA104A61
KRP1BC101	KRP1BC101	KRP4A96		KRP1D93A (19)	KRP1B97	KRP4AA93 (16)(17)	KRP1BC101	
	Standard	Standard	Standard	EKRORO4	EKRORO5	Standard	Standard	Standard
Standard	Standard	Standard	BDU510B250VM	32: KDU50R63 63~100: KDU50R160		K-KDU572KVE		
●	●							
	15~32: KDAP25A36A 40~50: KDAP25A56A 63~80: KDAP25A71A 100~125: KDAP25A140A 140: -	50~80: KDAJ25K71 100~125: KDAJ25K140						
				32: KHFP5N63 63~100: KHFP5N160				
KDT25N32 / KDT25N50 / KDT25N63								

(19) The BYFQ60C4* R-32 panels can be connected to R-410A indoor units with wire harness EKRS22
(20) Wire harness EKRS23 is necessary
(21) Filter chamber needed
(22) Only possible in combination with BYCQ140E and BYCQ140EW. Cannot be combined with other filters, chambers, fresh air intake kits or air discharge outlet sealing member kit
(23) Requires demand PCB
(24) Can only be used in combination with wireless room thermostat
(25) If tank is NOT mounted on top of the HXHD unit, then option EKFMAHTB is needed to install tank as stand alone
(26) Only possible in combination with BYCQ140E/EW/EB. Cannot be combined with other filters, chambers, fresh air intake kits or discharge outlet sealing member kit

Hot water

	HXY080-125A8	HXHD125-200A8
Drain pan	EKHBDPCA2	-
Digital I/O PCB	EKRP1HBAA	EKRP1HBAA
Demand PCB - Required to connect room thermostat	EKRP1AHTA	EKRP1AHTA
Remote user interface (remocon) - Same controller as supplied with cascade unit can be mounted parallel or on other location. If 2 controllers are installed, the installer needs to select 1 master & 1 slave	EKRUAHTB	EKRUAHTB
Back-up heater	EKBUHAA6(W1/V3)	-
Wired room thermostat	EKRTWA (23)	EKRTWA (23)
Wireless room thermostat	EKRTR1 (23)	EKRTR1 (23)
Remote sensor for room thermostat	EKRTETS (24)	EKRTETS (23)
Stainless domestic hot water tank - 200l	-	EKHTS200AC (25)
Stainless domestic hot water tank - 260l	-	EKHTS260AC (25)
PP domestic hot water tank - 300l	-	EKHWP300B
PP domestic hot water tank - 500l	-	EKHWP500B
Solar collector	-	EKSV26P (vertical) EKSH26P (horizontal)
Pump station	-	EKSRPS