VRV

Maximum flexibility, minimum concern; As it should be.

A update

2025
NEW

Remain at the forefront of **the HVAC market** with Daikin VRV

Offering flexible, easy to install heat pumps, supporting decarbonisation

R-744

CO_2 VRV

Our CO_2 VRV (page 514)

- Using HFC free refrigerant CO_2 (R-744)
- With a low GWP of 1, making it one of the most sustainable refrigerants
- Enabling you to tackle projects requesting so called natural refrigerants

R-32

VRV 5

Our leading VRV 5 portfolio (page 480)

- Unparallelled range, offering an R-32 system for every VRV application
- Top sustainability over the entire lifecycle
- Enabling you to decarbonise any building in an easy way, already today

R-410A

VRV IV+

VRV

VRV

Commercial air-to-air heat pumps

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VRV 5, our leading portfolio to decarbonise buildings now VRV 5 480

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Benefits of VRV systems

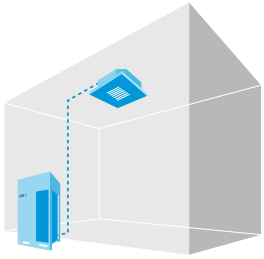
VRV systems offer buildings maximum design flexibility, low running costs and high comfort thanks to the advantages of direct expansion (DX) systems:

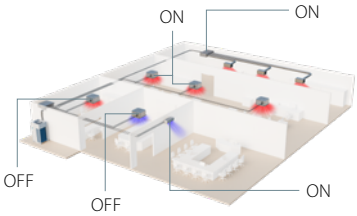
More responsive

- **Immediate reaction** to changing conditions helps avoid overheating
- **Highly efficient:** Only 2 energy transfer steps are needed (from air to refrigerant, and from refrigerant to air)[1]

Quick and easy to install:

- **All-in-one box solution** without any requirement for field supplied equipment (e.g. gauges, pumps and valves)
- **Limited space requirements:** All components are integrated, and refrigerant piping is compact



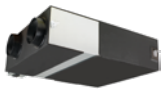


Precise climate zone control:

- Only provide heating or cooling **where needed**
- **High comfort levels:** Individual control and simultaneous cooling and heating for perfect personal environment

Integrated building solution

- Including smart cloud controls, ventilation, …
- Fresh air solution with energy recovery, air purification, humidification and air discharge temperature control
- Smart central control and energy optimisation via the cloud

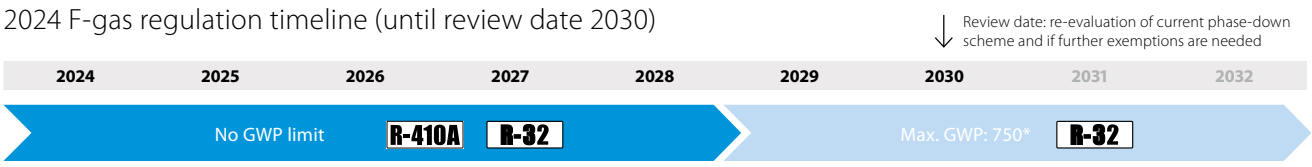


DAIKIN CLOUD PLUS

Ahead of the F-gas regulation

- All VRV 5 investments made are **fully future-proof** and the best answer to decarbonise buildings today!

2024 F-gas regulation timeline (until review date 2030)



* With safety exemptions
Confirmed timings considering available quota

Servicing of existing equipment remains possible for the entire lifetime of the products

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 evolved 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

Fresh air heat recovery ventilation for high quality environments

Controls for maximum operating efficiency

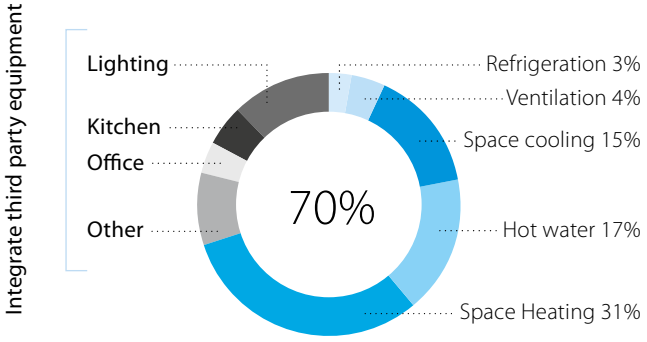
Air curtains for optimum air separation

Efficient production of hot water

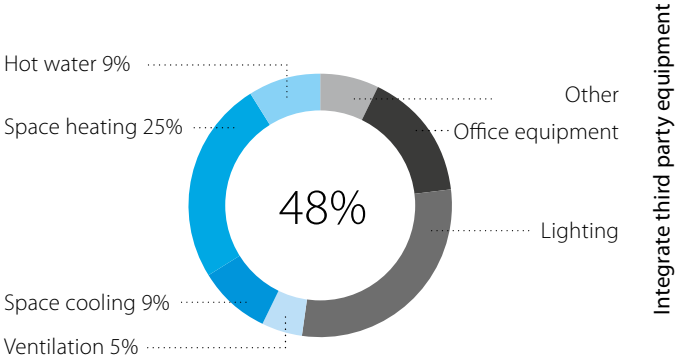
Underfloor heating/ cooling for efficient space heating/cooling

Cooling for server rooms, telecom shelters

Average hotel energy consumption



Average office energy consumption



9 reasons why VRV is unique in the market

1 Leader in decarbonisation

- VRV 5: Leading R-32 portfolio, offering the lowest carbon footprint today
- CO_2 VRV: The low GWP solution using R-744 (CO_2) refrigerant **NEW**
- L∞P by Daikin: Avoiding over 400,000 kg of virgin refrigerant being produced every year

2 Efficiency

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

3 Comfort

- Provide high indoor air quality though seamless integration of VAM and AHU's (For R-32 and R-410A) **NEW**
- Variable Refrigerant Temperature preventing cold draughts thanks to high outblow temperatures
- True continuous heating preventing indoor temperature fluctuations / variations during defrost
- Presence and floor sensors direct the air flow away from persons, while ensuring an even temperature distribution
- UV Streamer kit purifies the air of pollutants such as viruses, bacteria, fine dust (PM1), odours, allergens, etc **NEW**

4 Reliability

- Refrigerant cooled PCB provides constant cooling, independent of outdoor air conditions
- Most extensive testing before new units leave the factory
- Widest sales network with all spare parts available in Europe
- Preventive maintenance via Daikin Cloud Plus
- Auto cleaning filters to further enhance reliability thanks to clean air-filters
- Dedicated technical cooling setting

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, seamlessly integrated in the ceiling

6 Controls

- Daikin Cloud Plus for online control, energy monitoring, comparison of multisite, diagnostic and optimisation of equipment and predictive maintenance
- Voice control via Amazon Alexa and Google Assistant through 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

7 Installation

- Automatic refrigerant charge and refrigerant containment check
- Plug & play Daikin Air Handling Unit connection
- 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
- Limited space requirements for piping
- Selection software with floor plan integration, integrated with latest legal standards

Our WebXpress software with visual floorplan

7-segment display

8 Inventor of VRV with over 40 years of leadership

- 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 A solution for every application

- 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. LEED® is the preeminent program for the design, construction, maintenance and operations of high-performance green buildings. LEED® and its related logo, is a trademark owned by the U.S. Green Building Council® and is used with permission.

Decarbonisation made easy

Top sustainability

Market-leading seasonal efficiency

- SCOP up to 200.5%
- SEER up to 324.5%
- Tested with real life indoor units

Full transparency of total life cycle impact

- The available EPD certification outlines the environmental impact of VRV 5 over its lifetime
- Ideal for green building certification

Reduced direct CO_2 impact by 71% compared to R-410A systems

- 68% lower Global Warming Potential
- 15% less refrigerant charge
- Single component refrigerant
- Reduced frequency of F-gas tightness inspections

For detailed information on the specifications of a particular range, please consult the product pages in this catalog.

A VRV 5 system for every VRV application

- Unparallelled outdoor unit range
- 4 different ranges
- Capacity from 12.1 up to 87.5 kW

12.1kW ↔ 78.5kW

14.2kW ↔ 87.5kW

NEW

VRV 5 S-series

VRV 5 Heat Recovery

VRV 5 Heat Pump

Versatile

Wide operation range

- Down to -20°C in heating
- Up to +52°C in cooling

Wide piping flexibility to tackle any VRV application

- 165m longest length
- 90m height difference
- 1,000m total length
- Compatible with Tightfit, fireless copper pipe connector

5 low sound steps

- Sound pressure down to 39 dB(A)
- Increased installation space flexibility
- Easier project design
- Meet local noise regulation requirements out-of-the-box

Continuous heating during defrost

- Ideal for monovalent heating
- Available on all multi combination models

Unique Shîrudo Technology provides full peace of mind out of the box

- No need for complex calculations to select safety measures
- No additional installation and commissioning work
- No visual impact of additional sensors etc.
- No additional work and considerations in case of layout changes
- No periodic safety checks

Check out the Shîrudo Technology video!

What is included in Shîrudo Technology?

- **Complete peace of mind** as all refrigerant control measures are factory-integrated, ensuring compliance to the IEC60335-2-40 product standard, 3rd party certified by a Notified Body

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

- Full **validation** of your project via our Xpress software

Widest R-32 portfolio

Match any application

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

- Meet any comfort and aesthetical demand
- 11 unit models in 96 variations
- Capacities from 1.1 kW in cooling, up to 31.5 kW in heating
- Factory integrated safety measures for complete peace of mind

Easily integrates fresh air units

- Plug & play ventilation solutions from 150 up to 140,000 m^3/h
- For indoor (in-ceiling or floor) and outdoor installation
- Wide choice of filtration options to optimise IAQ
- Offers different energy recovery, air purification, humidification and air discharge temperature control options

Connectable to all Daikin smart controls

Daikin Cloud Plus

- Smart centralised control & energy optimisation
- Predictive maintenance indicates when maintenance or replacements are needed
- Remote site access enables to optimise and monitor the system without the need for an on-site visit

Onecta app

- Intuitive control, no matter where you are

Excellent support

Wide network of experts with specialised advice

Maximise your BREAAM/LEED score with expert support from design to execution

Our WebXpress software with visual floorplan interface makes design easy and ensures compliance with product standards

Daikin Europe Research and Development Center - 11,000m² Testing facilities & 10,200m² office space.

VRV 5 R-32 BLUEVOLUTION

Capacity class (kW)

	Model		Product name		4	5	6	8	10	12	13	14	16	18	20	22	24	26	28	VRV indoor units	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	NEW **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 Shirudo Technology ▪ The perfect personal comfort thanks to simultaneous cooling and heating	REYA-A9					●	●	●		●	●	●	●					○	○	○	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 Shirudo 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 Shirudo technology	RXYSA-AV1/AY1/A	1~	●	●	●													○	○	○	NEW ○	NEW ○	▪ Standard total system connection ratio limit: 50 ~ 130%
				3~	●	●	●	NEW ●	NEW ●	NEW ●															

● Single unit, ○ Multi combination

Decarbonisation in practice

Learn how Daikin experts assist customers to reach their sustainability and comfort targets, while staying in budget

"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 **optimise the air flows** of the full installation to maximise system performance and user experience
- Daikin's VRV 5 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

"Daikin offers 24/7 monitoring with predictive maintenance for *complete peace-of-mind*. Issues are solved before they occur, maximising 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 exterior intact
- Provide total peace of mind

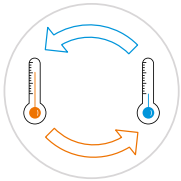
Daikin solution:

- 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

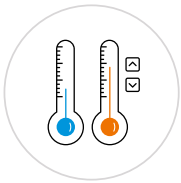
VRV 5 Heat Recovery

Top efficiency and comfort solution

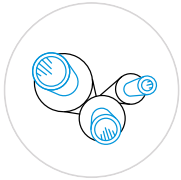
- Reduced CO_2 equivalent thanks to the use of lower GWP R-32 refrigerant and lower refrigerant charge
- Single component refrigerant, easy to re-use and recycle
- Greatest sustainability over the entire lifecycle, thanks to market leading real-life seasonal efficiency
- "Free" heat through efficient 3-pipe heat recovery, transferring heat from areas requiring cooling to areas requiring heating and vice versa
- Tackle any room application, 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
- Continuous heating during defrost for multi models
- Maximum 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, 7 segment display and full inverter compressors, 4-side heat exchanger, refrigerant cooled PCB, new DC fan motor



"Free" heating through heat recovery



Simultaneous cooling & heating for maximum comfort



3-pipe technology: up to 15% more efficient compared to 2-pipe system

Compatible to IEC60335-2-40 Ed.7, allowing even more flexible system design!

Environmental product declaration available

REYA-A9

Single Unit systems			REYA	8A9	10A9	12A9	14A9	16A9	18A9	20A9
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/TCO$_2$Eq	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

REYA8-12A9

Completely redesigned BSSV boxes for faster installation and easier servicing

Multi Unit systems			REYA	10A9	13A9	16A9	18A9	20A9	22A9	24A9	26A9	28A9
System	Outdoor unit module 1			REMA5A9		REYA8A9			REYA10A9	REYA8A9	REYA12A9	
	Outdoor unit module 2			REMA5A9	REYA8A9		REYA10A9	REYA12A9		REYA16A9	REYA14A9	REYA16A9
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			

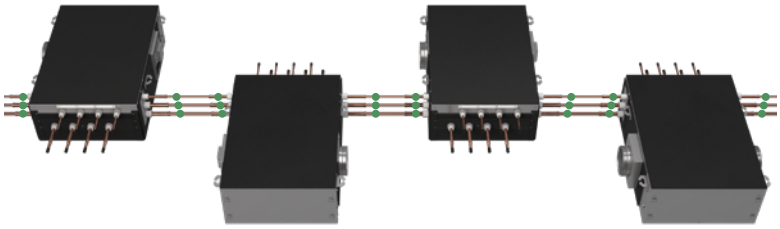
Outdoor unit module			REMA	5A9
Dimensions	Unit	HeightxWidthxDepth	mm	1,685x930x765
Weight	Unit		kg	213
Fan	External static pressure	Max.	Pa	78
Sound power level	Cooling	Nom.	dBA	78.3
Sound pressure level	Cooling	Nom.	dBA	56.3
Operation range	Cooling	Min.~Max.	°CDB	-5~46
	Heating	Min.~Max.	°CWB	-20~16
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

Cooling capacity: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m | Heating capacity: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m | Actual number of connectable indoor units depends on the indoor unit type and the connection ratio restriction for the system (50% ≤ CR ≤ 130%) | Contains fluorinated greenhouse gases

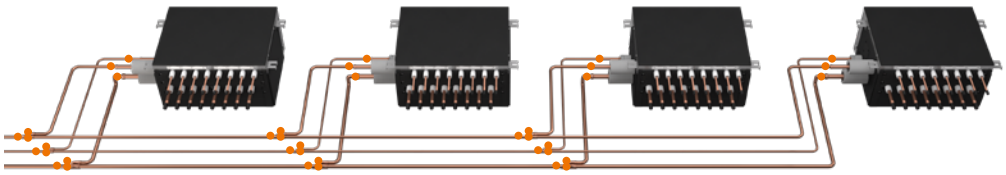
Multi branch selector (BSSV) - for VRV 5 Heat Recovery

Completely redesigned for faster installation and easier servicing

Easy installation thanks to fewer brazing points

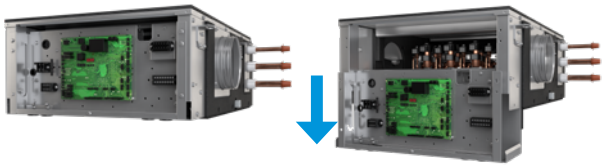


VRV 5: only 24 brazings point and no joint kits



VRV IV+: 39 brazing points and 3 joint kits

Easy servicing in false ceillings thanks to sliding down PCB



- Unique range of multi BS boxes allowing efficient 3-pipe heat recovery
- NEW No limitation on room size, thanks to Shîrudo Technology (1)
- Continued operation in case of a leak: only the specific branch is closed, maintaining full operation of the system
- 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
- 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

BS6A14AV1B9

Compatible to IEC60335-2-40 Ed.7, allowing even more flexible system design and reducing the box weight!

BS-A14AV1B9

Branch selector				BS	4A14AV1B9	6A14AV1B9	8A14AV1B9	10A14AV1B9	12A14AV1B9
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	39	55	64	81	87
Casing	Material				Galvanised steel plate				
Piping connections	Outdoor unit or Refrigerant Flow Through	Liquid	Type		Brazing connection				
			OD	mm	9.52/12.7/15.9				
		Gas	Type		Brazing connection				
			OD	mm	15.9/19.1/22.2/28.6				
		Discharge gas	Type		Brazing connection				
			OD	mm	12.7/15.9/19.1/22.2				
	Indoor unit	Liquid	Type		Brazing connection				
			OD	mm	6.35/9.52				
		Gas	Type		Brazing connection				
			OD	mm	9.52/12.7/15.9				
	Drain				VP20 (I.D. 20/O.D. 26)				
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				
System safety requirements	Duct connection diameter on unit			mm	160.0				
	Duct 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.

VRV 5 Heat Pump

Daikin's solution for comfort & low energy consumption

- 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
- Continuous heating during defrost for multi models
- 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, 7 segment display and full inverter compressors, 4-side heat exchanger, refrigerant cooled PCB

Wide piping flexibility to tackle any VRV application

5 low sound steps

Flexibility to take care of every room

Environmental product declaration available

RXYA-A

Single Unit systems			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.	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			%	287.3	279.3	278.7	302.2	276.6	271.6	257.6
ηs,h			%	161.5	170.2	176.4	168.3	167.5	172.5	162.7
SEER				7.26	7.06	7.04	7.63	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 (1)						
Indoor index connection	Min.			100	125	150	175	200	225	250
	Nom.			-						
	Max.			260	325	390	455	520	585	650
Dimensions	Unit	HeightxWidthxDepth	mm	1,685 x930 x765			1,685 x1,240 x765			
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
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		12.70				
	Gas	OD	mm	19.1		22.2		28.6		
	Total piping length	System Actual	m	1,000 (6)						
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)		A	20	25	32		40		50

RXYA8-12A

Multi Unit systems			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	28.0	36.4	44.8	50.4	55.9
Heating capacity	Prated,h		kW	28.0	36.4	44.8	50.4	55.9
	Max.	6°CWB	kW	32.0	41.0	50.0	56.5	62.5
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
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 (1)				
Indoor index connection	Min.			125	163	200	225	250
	Nom.			-				
	Max.			325	423	520	585	650
Sound power level	Cooling	Nom.	dBA	81.3			81.6	83.9
	Heating	Nom.	dBA	82.4			83.1	84.8
Sound pressure level	Cooling	Nom.	dBA	59.3			60.2	62.1
Piping connections	Liquid	OD	mm	9.50	12.70			
	Gas	OD	mm	19.1	22.2	28.6		
	Equalizing	OD	mm	19.1				
	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	40			50	

Outdoor unit module			RYMA	5A
Dimensions	Unit	HeightxWidthxDepth	mm	1,685 x930 x765
Weight	Unit		kg	214
Fan	External static pressure	Max.	Pa	78
Sound power level	Cooling	Nom.	dBA	78.3
Sound pressure level	Cooling	Nom.	dBA	56.3
Operation range	Cooling	Min.~Max.	°CDB	-5 ~46
	Heating	Min.~Max.	°CWB	-20 ~16
Refrigerant	Type/GWP			R-32/675.0
	Charge		kg/tCO2Eq	9.00/6.08
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415
Current - 50Hz	Maximum fuse amps (MFA)		A	20

(1)The actual number of units depends on the connection ratio (CR) and the restrictions for the system. | Cooling capacity: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m | Heating capacity: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m | Contains fluorinated greenhouse gases'.

VRV 5 R-32 BLUEVOLUTION

VRV 5 S-series

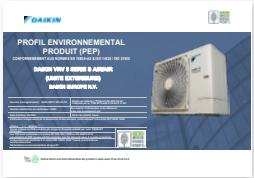
Lower CO_2 equivalent and market-leading flexibility

- 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

5 low sound steps

Flexibility to take care of every room



Environmental product declaration available

RXYSA-AV1 RXYSA-AY1 RXYSA-A

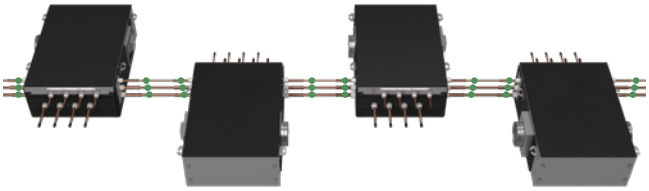
Outdoor unit			RXYSA	4AV1	5AV1	6AV1	4AY1	5AY1	6AY1	NEW 8A	NEW 10A	NEW 12A
Capacity range			HP	4	5	6	4	5	6	8	10	12
Cooling capacity	Prated,c		kW	12.1	14.0	15.5	12.1	14.0	15.5	22.4	28.0	33.5
Heating capacity	Prated, h		kW	12.1	14.0	15.5	12.1	14.0	15.5	22.4	28.0	33.5
	Max.		kW	14.2	16.0	18.0	14.2	16.0	18.0	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	4x FXSA50A2VEB	4x FXSA63A2VEB	6x FXSA50A2VEB
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		4.6
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		182.6
Dimensions	HxWxD		mm	869x1,100x460						1,430x940x320	1,615x940x460	
Weight			kg	102						144	180	
Sound power level	Cooling		dB(A)	67.0	68.1	69.0	67.0	68.1	69.0	73.2	74.0	76.1
	Heating		dB(A)	69.0	70.0	71.0	69.0	70.0	71.0	73.5	74.0	76.0
Sound pressure level	Cooling		dB(A)	49.0	51.0		49.0	51.0		58.1	57.0	60.0
Operation range	Cooling	Min °C	°CDB	-5 ~ 46						-5 ~ 52		
	Heating	Max °C	°CWB	-20 ~ 16						-20 ~ 15.5		
Refrigerant	Type/GWP			R-32/675.0						R-32/675.0		
	Charge	tCO2eq/kg	kg	3.40/2.30						5.2/3.51	7/4.73	7.1/4.79
Piping connections	Liquid OD		mm	9.52						9.5		12.7
	Gas OD		mm	15.9						19.1		22.2
	H/P/LP gas OD		mm									
	Tot. pip. length	Sys. actual	m	300						300		
Power supply	Phase/Freq./ Voltage		Hz/V	1~/50/220-240			3N~/50/380-415			3N~/50/380-415		
Current - 50Hz	Max. fuse amps (MFA)		A	32			16			25		32

Cooling capacity: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m | Heating capacity: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m

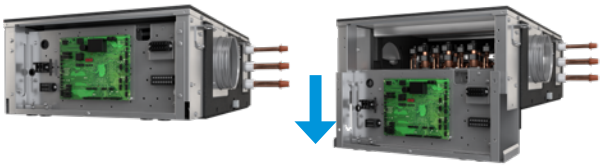
Optional Shut off valve box (SV)

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

- For the vast majority of applications no SV box is needed to tackle the IEC requirements.
- In case of very small rooms an optional SV box ensures compliance to IEC60335-2-40 for any room.
- Continued operation in case of a leak: only the specific branch is closed, maintaining full operation of the system
- Fast installation thanks to Refrigerant Flow through reducing the number of brazing points and joint kits

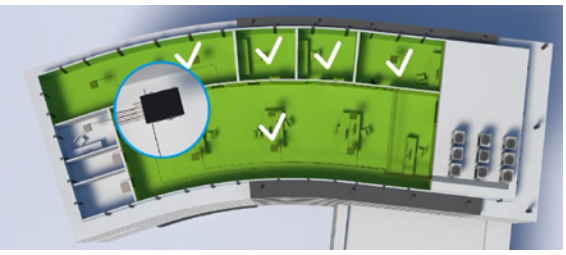


- Easy servicing in false ceilings thanks to sliding down PCB



- Limited ceiling void required
- Connect up to 250 class unit (28kW) to 1-port SV box or by combining 2 ports on multi SV box

SV4A14A



SV-A

Combination table

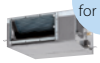
	RXYSA8-10-12A	RXYA-A
SV1A25A	•	•
SV4A14A	•	•
SV6A14A	•	•
SV8A14A	•	•

Shut off valve box					SV1A25A	SV*A14A		
Maximum number of connectable indoor units					5	20	30	40
Maximum number of connectable indoor units per branch					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		
Dimensions	Unit	HeightxWidthxDepth		mm	291x600x845		291x1,000x845	
Piping connections	Outdoor unit or Refrigerant Flow Through	Liquid	Type		Brazing connection			
			OD	mm	9.52, 12.7, 15.9			
		Gas	Type		Brazing connection			
			OD	mm	15.9, 19.1, 22.2, 28.6			
	Indoor unit	Liquid	Type		Brazing connection			
			OD	mm	6.35, 9.52			
		Gas	Type		Brazing connection			
			OD	mm	9.52, 12.7, 15.9			
	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					Polyethylene foam			
System safety requirements	Duct connection diameter on unit			mm	160.0			
	Duct connection positions				Left/Right			
Power supply	Phase				1~			
	Frequency			Hz	50			
	Voltage			V	220-440			
	Maximum fuse amps (MFA)			A	6			

Contains fluorinated greenhouse gases

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 maximise comfort ▪ Flexibility to suit every room layout ▪ Lowest installation height in the market! ▪ Widest choice ever in decoration panel designs and colors ROUND FLOW	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 maximise 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 		•	•	•	•	•	•	•		•	•	•	•		
	Concealed ceiling unit with high ESP	**ESP up to 250 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	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					•		•	•			•				
	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 ▪ Intelligent sensors save energy and maximise comfort ▪ Flexibility to suit every room layout	FXUA-A							•		•		•				
Floor standing	NEW 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	FXNA-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

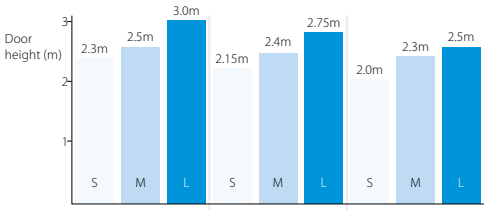
UV Streamer kit

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 NEW

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	CYA-S/M/L-DK-R		**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



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

VRV 5 indoor unit benefit overview

			Ceiling mounted cassette units			Concealed ceiling units			Wall mounted unit	Ceiling suspended units		Floor standing units
			FXFA-A	FXZA-A	NEW FXKA-A	FXDA-A	FXSA-A	FXMA-A	FXAA-A	FXHA-A	FXUA-A	NEW FXNA-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. After 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 neighbourhood.	●	●		●	●		●			
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), odours, 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)	○ (2) Optional pre filter and high efficiency filter available (200-250)	● (2)	● (2)	● (2)	● (1)
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 + auto	3	3 + auto	3 (50-125) 3 + auto (200-250)	3 + auto	3	3 + auto	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)	● (3)	● (3)
Remote control & timer	Centralised control	Starts, stops and regulates several air conditioners from one central point.	○	○	○	○	○	○	○	○	○	○
Other functions	Auto-restart	The unit restarts automatically at the original settings after power failure.	●	●	●	●	●	●	●	●	●	●
Other functions	Self-diagnosis	Simplifies maintenance by indicating system faults or operating anomalies.	●	●	●	●	●	●	●	●	●	●
Other functions	Drain pump kit	Facilitates condensation draining from the indoor unit.	●	●	●	●	●	●	○	○	●	
Other functions	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)	○ (4)	○ (4)	

● standard ○ optional

(1) Must be combined with Madoka wired remote controller.
(2) Pre filter
(3) BRC1H52W7/S7/K7 is a required option
(4) In combination with REYA/RXYA/RXYSA8-12 outdoor units (for more information contact your sales representative).

Round flow cassette

4-way blow ceiling suspended unit

Slim concealed ceiling unit

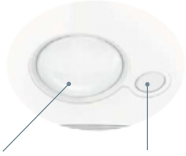
Concealed ceiling unit with high ESP

Fully flat cassette

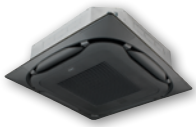
Concealed floor standing unit

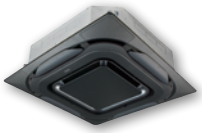
Complete indoor comfort, including pure air

The round flow cassette

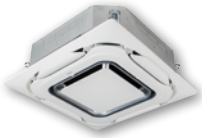


- Maximum comfort thanks to **360° air discharge and intelligent sensors**
- **Widest ever choice in panels** to match any interior


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**
  - Purifies the air of pollutants such as viruses, bacteria, fine dust PM1, odours, 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%

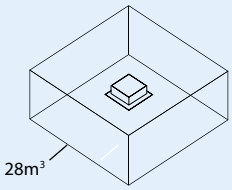
of viruses removed in 30 minutes, thanks to Daikin's unique

Catch & Clean approach

Tested at Intertek
Results based on tests performed in the laboratories of Intertek, in a 28m^3 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



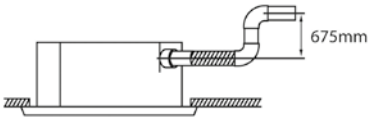
intertek
DAIKIN INDUSTRIES CZECH REPUBLIC s.r.o.
EFFICACY TEST REPORT

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
- UV streamer kit, purifies the air of pollutants such as viruses, bacteria, fine dust (PM1.0), odours, 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

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				BRC1H52W7/S7/K7								

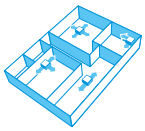
Contains fluorinated greenhouse gases

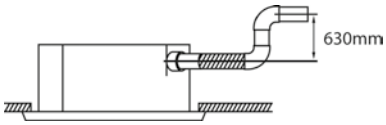
BLUEVOLUTION

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





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				BRC1H52W7/S7/K7					

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

Ceiling mounted corner cassette

1-way blow unit for corner installation

- Optimised design for R-32 refrigerant
- Compact dimensions enable installation in narrow ceiling voids (only 200mm high)
- NEW New modern decoration panel
- NEW The air is comfortably spread up- and downwards thanks to 5 different discharge angles that can be programmed via the remote control
- Optional fresh air intake
- Standard drain pump increases flexibility and installation speed

New design!

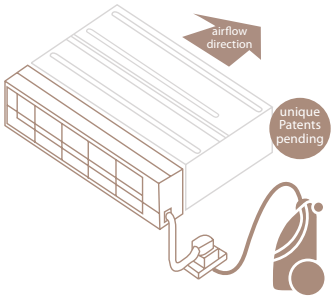
FXKA-A

Indoor Unit			FXKA	20	25	32	40	50	63
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	5	6.3	8
Power input - 50Hz	Cooling	At high fan speed	kW	0.024	0.024	0.033	0.038	0.055	0.118
	Heating	At high fan speed	kW	0.024	0.024	0.033	0.038	0.055	0.118
Dimensions	Unit	HeightxWidthxDepth	mm	200x840x470			200x1,240x470		
Weight	Unit		kg	17	17	18	23	23	23
Casing	Material			Galvanised steel plate					
Decoration panel	Model			BYK32G			BYK63G		
	Dimensions	HeightxWidthxDepth	mm	80x950x550			80x1,350x550		
	Weight		kg						
Fan	Airflow rate	Cooling At high / medium / low fan speed	m^3/min	7.1/6/5		8.5/7.3/6	12.9/11/9.1	15.5/13.2/11	21.5/17/14.1
Air filter	Type			Resin net					
Sound power level	Cooling	At high / medium / low fan speed	dBA	46.0/43.5/41.0		50.5/48.5/46.5	52.5/50.0/48.0	57.0/52.5/50.0	61.5/57.0/52.5
	Heating	At high / medium / low fan speed		50.0/46.0/41.5		52.5/49.5/47.0	53.0/50.5/48.0	58.0/53.0/50.5	63.5/58.0/53.0
Sound pressure level	Cooling	At high / medium / low fan speed	dBA	32.0/27.5/22.5		37.0/34.0/31.5	38.5/34.5/31.5	42.0/38.0/34.5	48.5/43.5/38.5
	Heating	At high / medium / low fan speed	dBA	36.0/31.0/25.5		39.0/35.5/32.5	39.5/36.0/32.5	44.0/39.5/36.0	49.0/44.0/39.5
Refrigerant	Type/GWP			R-32/675					
Piping connections	Liquid	OD	mm	6.35					
	Gas	OD	mm	9.52				12.7	
	Drain			VP25 (O.D. 32/I.D. 25)					
Power supply			Hz/V	1~/50/60/220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)		A	6					

Contains fluorinated greenhouse gases

Auto cleaning filter for concealed ceiling units

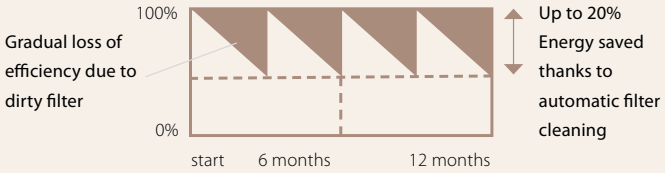
The unique automatic cleaning filter achieves higher efficiency and comfort with lower maintenance costs



Reduce running costs

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

Efficiency profile change for duct indoor unit during operation



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		

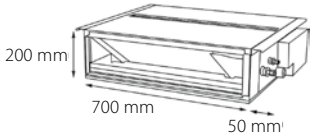
BLUEVOLUTION

Slim concealed ceiling unit

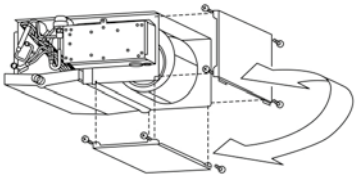
Slim design for flexible installation

- 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

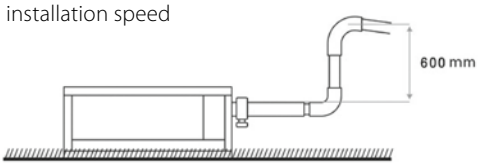
Serie A (15, 20, 25, 32)

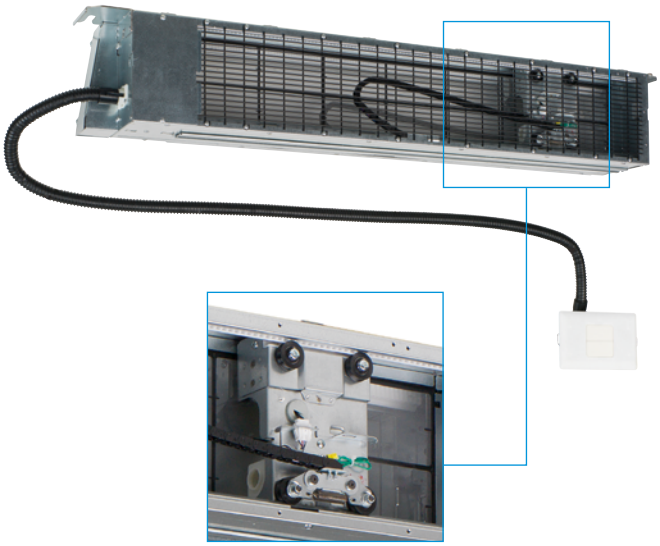


- Medium external static pressure up to 44Pa facilitates unit use with flexible ducts of varying lengths
- Discretely concealed in the wall: only the suction and discharge grilles are visible
- Optional auto cleaning filter option ensures maximum efficiency, comfort and reliability by regular filter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

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				BRC1H52W7/S7/K7							

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

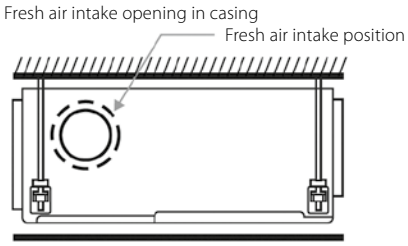
BLUEVOLUTION

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

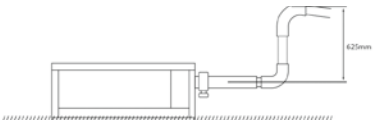
- Optimised design for R-32 refrigerant
- Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge

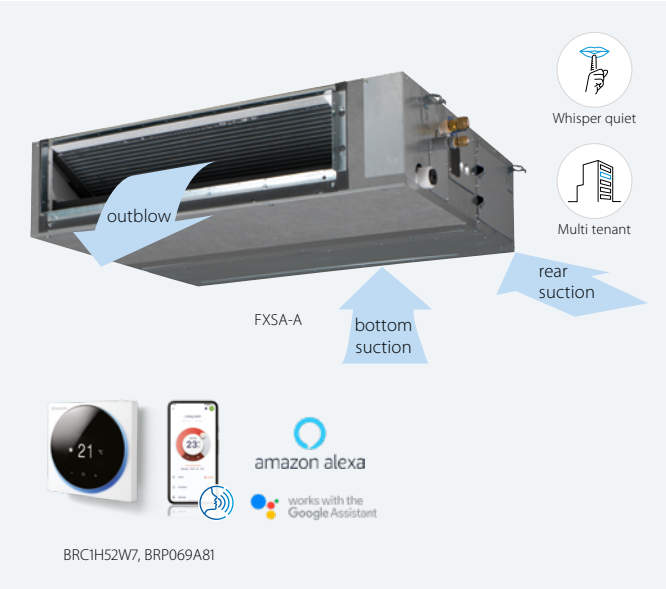
- Quiet operation: down to 25dBA sound pressure level
- Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Discretely concealed in the wall: only the suction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



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

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



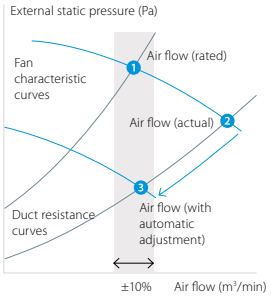


Automatic Airflow Adjustment function

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



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				BRC1H52W7/S7/K7										

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

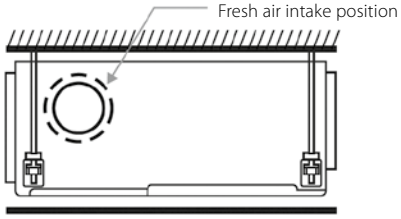
BLUEVOLUTION

Concealed ceiling unit with high ESP

Ideal for large sized spaces ESP up to 250 Pa

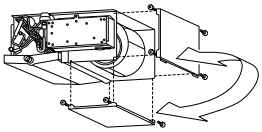
- Optimised design for R-32 refrigerant
- High external static pressure up to 250Pa facilitates extensive duct and grille network
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Discretely concealed in the wall: only the suction and discharge grilles 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

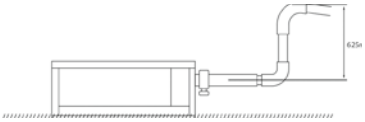


* Brings in up to 10% of fresh air into the room

- 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)



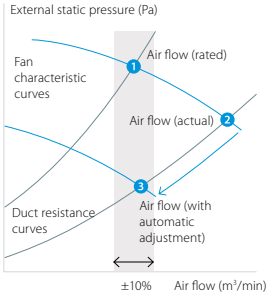
- Large capacity unit: up to 31.5 kW heating capacity

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



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	m³/min	18.0/16.5/15.0	19.5/17.5/16.0	25.0/22.5/20.0	32.0/27.0/23.0	36.0/30.0/26.0	62/48/41	74/64/52
		Heating At high / medium / low fan speed	m³/min	18.0/16.5/15.0	19.5/17.5/16.0	25.0/22.5/20.0	32.0/27.0/23.0	36.0/30.0/26.0	62/48/41	74/64/52
	External static pressure - 50Hz	Factory set / High / Low	Pa	100/200/-					150/250/50	
Air filter	Type			Resin net					-	
Sound power level	Cooling	At high / medium / low fan speed	dBA	61.0/60.0/58.0	64.0/61.0/59.0	67.0/64.0/62.0	65.0/61.0/56.0	70.0/66.0/62.0	75/74/72	76/75/73
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			BRC1H52W7/S7/K7						

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!

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				BRC1H52W7/S7/K7						

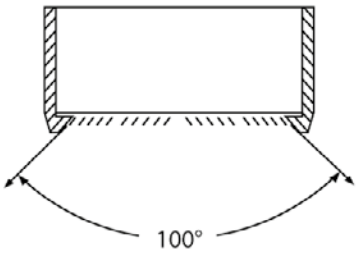
(1) Must be combined with Madoka wired remote controller | Contains fluorinated greenhouse gases

BLUEVOLUTION

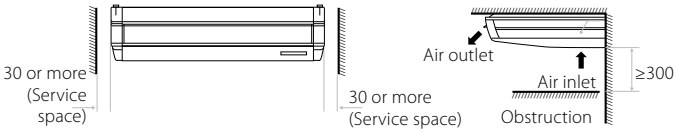
Ceiling suspended unit

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

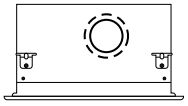


- Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- Can easily be installed in both new and refurbishment projects
- Can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space



- 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.

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				BRC1H52W7/S7/K7			

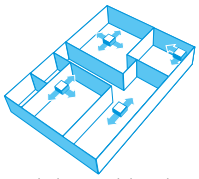
Contains fluorinated greenhouse gases

BLUEVOLUTION

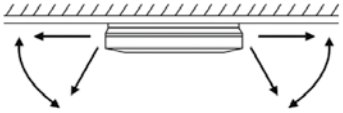
4-way blow ceiling suspended unit

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

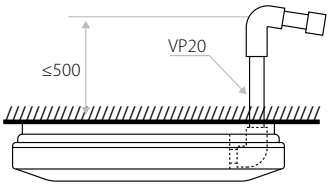
- Optimised design for R-32 refrigerant
- Even rooms with ceilings up to 3.5m can be heated up or cooled down very easily without capacity loss
- Can easily be installed in both new and refurbishment projects
- Two optional intelligent sensors improve energy efficiency and comfort
- Individual flap control: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

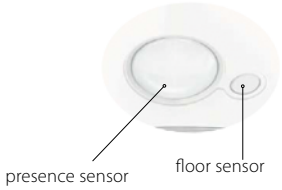


- Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating.
- Optimum comfort guaranteed with automatic air flow adjustment to the required load
- 5 different discharge angles between 0 and 60° can be programmed via the remote control



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





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				BRC1H52W7/S7/K7		

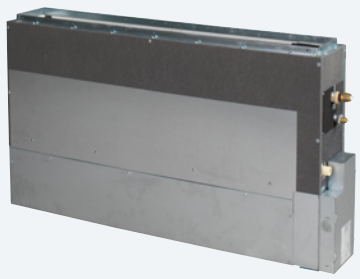
Contains fluorinated greenhouse gases

Concealed floor standing unit

Designed to be concealed in walls

- Optimised design for R-32 refrigerant
- 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



FXNA-A

BRC1H52W7, BRP069C51

Most versatile R-32 VRF floor standing unit in the market

Typically, R-32 floor standing models have more stringent room size requirements than wall mounted or ceiling installed units to comply with the IEC60335-2-40 product standard.

However, with Daikin, this is no longer a limitation. By uniquely integrating the integral circulation airflow principle into our advanced Shîrudo technology, our floor standing models offer the same installation flexibility as wall mounted and cassette units.

FXNA-A

Indoor Unit				FXNA-A	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	0.051			0.069	0.087	0.108
	Heating	At high fan speed		kW	0.051			0.069	0.087	0.108
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	7.4/6.4/5.4	8.4/7.4/6.4		10.2/9/7.9	12.9/11.5/10.6	16.4/14.4/12.9
		Heating	At high / medium / low fan speed	m^3/min	7.4/6.4/5.4	8.4/7.4/6.4		10.2/9/7.9	12.9/11.5/10.6	16.4/14.4/12.9
	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	49	51	52.5	51.5	55.5	54.5
Sound pressure level	Cooling	At high / medium / low fan speed		dBA	28/26.5/25	30/28.5/27	31.5/30/28.5	31/29/27	35/33/31	34.5/32.5/30.5
	Heating	At high / medium / low fan speed		dBA	29.5/28/26.5	31/29.5/28	33/31.5/30	32/30/28	36/34/32	35.5/33.5/31.5
Refrigerant	Type/GWP				R-32/675					
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				BRC1H52W7/S7/K7					

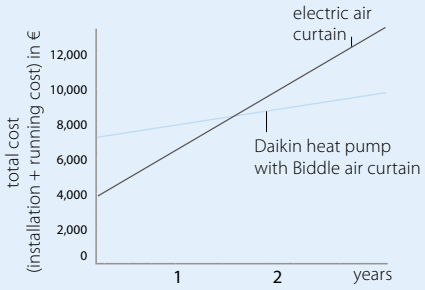
Contains fluorinated greenhouse gases

Biddle air curtains

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

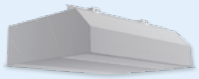
Benefits of Biddle air curtains

- 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



3 different models to choose from:

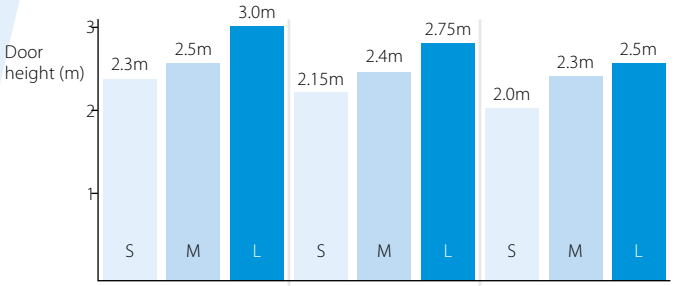
Free-hanging model (F):
easy wall mounted installation



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

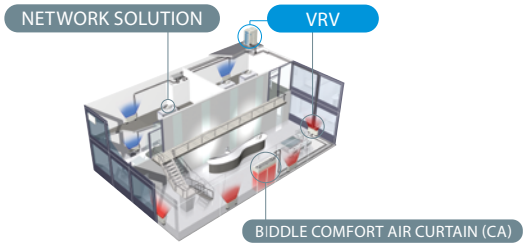
CYA S 150 DK 80 F S N

- 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

Biddle air curtain

- 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

New
R-32 range



CYA

				Small				Medium			
				CYAS100DK80*	CYAS150DK80*	CYAS200DK100*	CYAS250DK140*	CYAM100DK80*	CYAM150DK80*	CYAM200DK100*	CYAM250DK140*
Heating capacity	Speed 3		kW	6.94	8.6	10.9	15.2	8.65	10.5	12.5	18.6
Power input	Fan only	Nom.	kW	0.14	0.21	0.28	0.36	0.27	0.40	0.53	0.67
	Heating	Nom.	kW	0.14	0.21	0.28	0.36	0.27	0.40	0.53	0.67
Delta T	Speed 3		K	17.7	14.6	13.9	15.5	16	12.9	12.7	13.8
Casing	Colour			B: RAL9016 / S: RAL9006				B: RAL9016 / S: RAL9006			
Dimensions	Unit	Height F/C/R	mm	270/270/270				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				590/821/561			
Required ceiling void >	mm		mm	420				420			
Door height	Max.		m	2.3				2.5			
Door width	Max.		m	1	1.5	2	2.5	1	1.5	2	2.5
Weight	Unit		kg	56/59/61	66/83/88	83/102/108	107/129/137	57/68/66	73/88/93	94/111/117	108/136/144
Fan		Speed 3	m^3/h	1,164	1,746	2,328	2,910	1,605	2,408	2,910	4,013
Sound pressure level	Heating	Speed 3	dBA	47	49	50	51	50	51	53	54
Refrigerant	GWP			675/2,087.5				675/2,087.5			
	Type			R32/R410A				R32/R410A			
Piping connections	Liquid	OD	mm	6.35		9.52		6.35		9.52	
	Gas	OD	mm	12.7		15.9		12.7		15.9	
Air filter	Type			Vacuum cleanable filter G1							
Power supply	Frequency		Hz	50Hz				50Hz			
	Voltage		V	230V				230V			
	Maximum fuse amps (MFA)		A	16				16			

				Large			
				CYAL100DK125*	CYAL150DK200*	CYAL200DK250*	CYAL250DK250*
Heating capacity	Speed 3		kW	14.4	21.5	27.6	29.7
Power input	Fan only	Nom.	kW	0.48	0.72	0.96	1.20
	Heating	Nom.	kW	0.48	0.72	0.96	1.20
Delta T	Speed 3		K	13.8	13.7	13.2	11.4
Casing	Colour			B: RAL9016 / S: 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		mm	520			
Door height	Max.		m	3			
Door width	Max.		m	1	1.5	2	2.5
Weight	Unit		kg	76/81/83	100/118/141	126/151/155	157/190/196
Fan		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	GWP			675/2,087.5			
	Type			R32/R410A			
Piping connections	Liquid	OD	mm	9,522			
	Gas	OD	mm	15.9	19.1	19.1	
Air filter	Type			Vacuum cleanable filter G1			
Power supply	Frequency		Hz	50Hz			
	Voltage		V	230V			
Current	Maximum fuse amps (MFA)		A	16			

CO_2 VRV

The low GWP solution

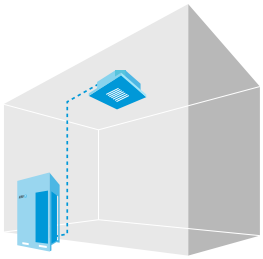
- Portfolio 516
- RXYN-B | CO_2 VRV heat pump NEW 517
- FXFN-B | CO_2 VRV Round Flow cassette NEW 518
- FXSN-B | CO_2 VRV Concealed ceiling unit NEW 519

Benefits of CO_2

- Natural refrigerant
- Low GWP value of 1, making it one of the most sustainable refrigerants
- Classified as non-flammable (A1), simplifying system design

Benefits of CO_2 VRV

- Enabling you to tackle projects requesting natural refrigerants
- Maximise your BREEAM / LEED refrigerant score, thanks to the low GWP of 1
- Incorporates all typical VRV benefits
  - Quick and easy to design and install
  - Precise zone control with quick response to changing load
  - Connectable to Daikin's latest controllers such as Daikin Cloud Plus



CO_2 VRV installation example for supermarket

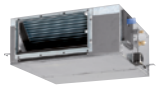
CO_2 VRV outdoor unit overview

Capacity class (HP)

	Model			10
	Cooling Capacity			28.0
	Heating Capacity			31.5
Air-cooled heat pump	NEW CO_2 VRV ▪ The low GWP solution - Natural refrigerant - Low GWP of 1 - Non-flammable (A1) refrigerant	RXYN-B		•

CO_2 VRV indoor unit overview

Capacity class

Type	Model		Product name	40	50	63	80
Ceiling mounted cassette	NEW Round flow cassette	**360° air discharge for optimum efficiency and comfort** ▪ Auto cleaning function ensures high efficiency ▪ Intelligent sensors save energy and maximise comfort ▪ Flexibility to suit every room layout ▪ Lowest installation height in the market! ▪ Widest choice ever in decoration panel designs and colors	FXFN-B		•	•	•	•
Concealed ceiling	NEW 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	FXSN-B		•	•	•	•
Cooling capacity (kW)[1]				4.5	5.6	7.1	9.0
Heating capacity (kW)[2]				5.0	6.3	8.0	10.0

UV Streamer kit

(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

CO2 VRV R-744

CO_2 VRV

The low GWP solution

- Using the natural refrigerant CO_2 (R-744)
- With a low GWP of 1, CO_2 is one of the most sustainable refrigerants
- Non-flammable (A1) refrigerant, simplifying system design
- Incorporates all typical VRV benefits: quick and easy to design and install, precise zone control with quick response to changing load

RXYN10B

RXYN-B

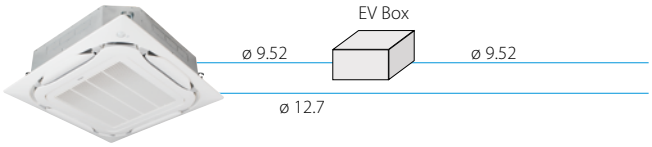
Outdoor unit			RXYN-B	10B
Capacity range			HP	10
Cooling capacity	Prated,c		kW	28.0
Heating capacity	Prated, h		kW	28.0
	Max.		kW	31.5
Recommended combination				4x FXFN63B
ηs,c			%	189.2
ηs,h			%	137.1
SEER				4.8
SCOP				3.5
Maximum number of connectable indoor units				8
Indoor index connection		Min.		125
		Max.		325
Dimensions	HxWxD		mm	1,680x1,930x765
Weight			kg	564
Sound power level	Cooling		dB(A)	83.5
	Heating		dB(A)	83.5
Sound pressure level	Cooling		dB(A)	61
Operation range	Cooling	Min °C	°CDB	-5~43
	Heating	Max °C	°CWB	-20~15.5
Refrigerant	Type/GWP			R744/1
	Charge	tCO2eq/kg	kg	0
Piping connections	Liquid OD		mm	9.52
	Gas OD		mm	15.9
	Tot. pip. length	Sys. actual	m	300
Power supply	Phase/Freq./ Voltage		Hz/V	3N~/50/380~415
Current - 50Hz	Max. fuse amps (MFA)		A	40

NEW FXFN-B

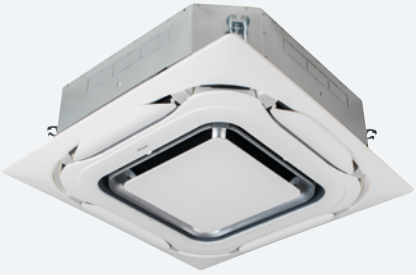
Round flow cassette

360° air discharge for optimum efficiency and comfort

- Optimised design for CO_2 refrigerant (R-744)
- Optional automatic filter cleaning panel results in higher efficiency & comfort and lower maintenance costs
- Two optional intelligent sensors improve energy efficiency and comfort
- Widest choice ever in decoration panels: designer panels in white (RAL9010) and black (RAL9005) and standard panels in white (RAL9010) with grey louvers or full white
- Bigger flaps and unique swing pattern improve equal air distribution
- Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- Lowest installation height in the market: 214mm for class 20-63
- UV streamer kit, purifies the air of pollutants such as viruses, bacteria, fine dust (PM1.0), odours, allergens, etc ensuring a healthy and hygenic indoor environment
- Optional fresh air intake
- Standard drain pump with 675mm lift increases flexibility and installation speed



CO_2 Cassette



FXFN-B

BRC1H52W7

Auto cleaning filter

Floor and presence sensor

Whisper quiet

Individual flap control

White panel

White auto cleaning panel

Black panel

Black design panel

FXFN-B

Indoor Unit			FXFN	40B	50B	63B	80B
Cooling capacity	Total capacity	At high fan speed	kW	4.5	5.6	7.1	9
Heating capacity	Total capacity	At high fan speed	kW	5	6.3	8	10
Power input - 50Hz	Cooling	At high fan speed	kW	0.019	0.036	0.067	0.118
	Heating	At high fan speed	kW	0.019	0.036	0.067	0.118
Dimensions	Unit	HeightxWidthxDepth	mm	246x840x840			288x840x840
Weight	Unit		kg	26			29
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 fan speed	m^3/min	15.5	21	26.8	35.5
		Heating - at high fan speed	m^3/min	15.5	21	26.8	35.5
Air filter	Type			Resinnet			
Sound power level	Cooling	At high fan speed	dBA	53	57	62	66
Sound pressure level	Cooling	At high fan speed	dBA	35	39	44	48
	Heating	At high fan speed	dBA	36	40	45	49
Refrigerant	Type/GWP			R-744 / 1			
Piping connections	Liquid	OD	mm	9.52			
	Gas	OD	mm	12.7			
	Drain			VP20 (I.D. 20/O.D. 26), drain height 675 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			BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB			
	Wired remote control			BRC1H52W7/S7/K7			

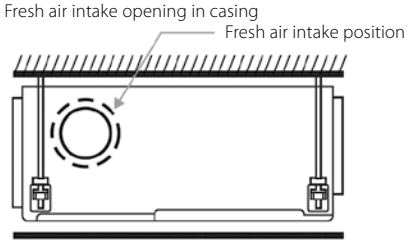
Specifications			BEV2N-A	BEV2N112A7V1B
Power supply				1~, 50/60Hz, 220~240/220V
Dimension		Height	mm	207
		Wide	mm	388
		Depth	mm	326
Mass		Unit	kg	12 (Tentative)
Refrigerant Type				R744 (CO_2)
Piping connections	Liquid	Type		Brazing
		OD	mm	ø 9.52

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

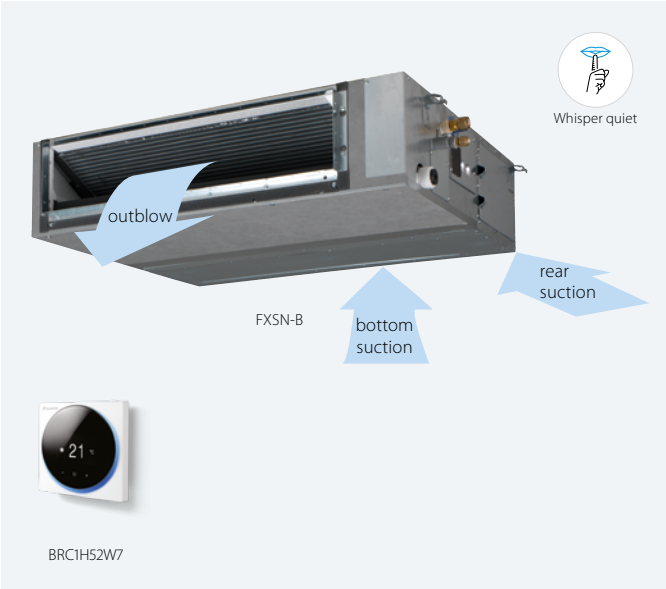
- Optimised design for CO_2 refrigerant (R-744)
- Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge

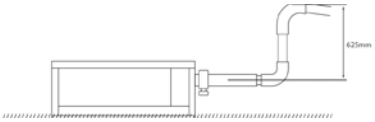
- Quiet operation: down to 25dBA sound pressure level
- Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Discretely concealed in the wall: only the suction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



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

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



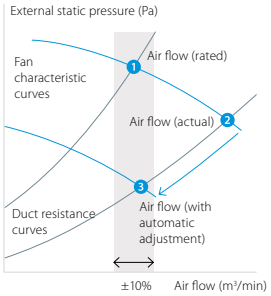


Automatic Airflow Adjustment function

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



FXSN-B

Indoor Unit			FXSN	40B	50B	63B	80B
Cooling capacity	Total capacity	At high fan speed	kW	4.5	5.6	7.1	9
Heating capacity	Total capacity	At high fan speed	kW	5	6.3	8	10
Power input - 50Hz	Cooling	At high fan speed	kW	0.128	0.165	0.148	0.279
	Heating	At high fan speed	kW	0.128	0.179	0.16	0.313
Dimensions	Unit	HeightxWidthxDepth	mm	245x1,000x800		245x1,400x800	
Weight	Unit		kg	40		50	
Casing	Material			Galvanised steel plate			
Fan	Air flow rate - 50Hz	Cooling - at high fan speed	m^3/min	23	25	29.4	37.6
		Heating - at high fan speed	m^3/min	23	27	31.9	41.8
	External static pressure - 50Hz	Factory set / High	Pa	30/120			40/120
Air filter	Type			Resin net			
Sound power level	Cooling	At high fan speed	dBA	61	63	61	66
Sound pressure level	Cooling	At high fan speed	dBA	39	41	39	44
	Heating	At high fan speed	dBA	41	44	44	48
Refrigerant	Type/GWP			R-32/675.0			
Piping connections	Liquid	OD	mm	9.52			
	Gas	OD	mm	12.7			
	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			BRC1H52W7/S7/K7			

VRV IV LOOP BY DAIKIN

- Replacement technology 522
- Water-cooled series 526
- Cold climate series 530
- Invisible series 532
- Domestic Hot Water Series 534
- Aesthetics series 540
- VRV IV indoor units 541

Supporting a circular economy of refrigerants

LOOP BY DAIKIN

Towards a circular economy of refrigerants

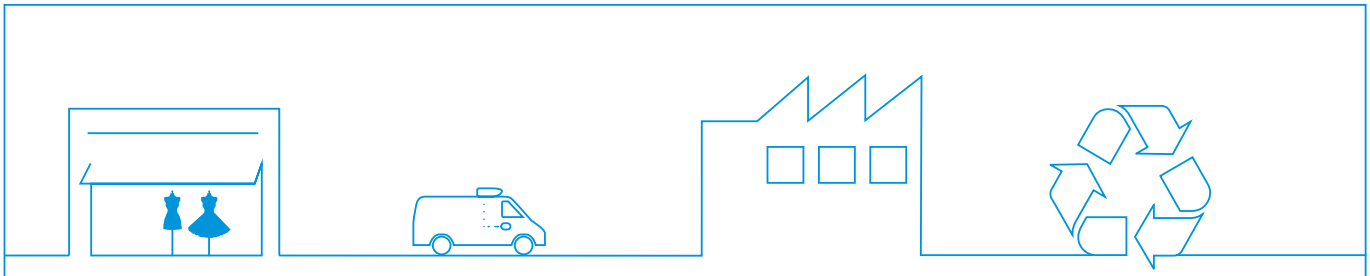
With L∞P by Daikin we want to step away from producing more waste. Instead we will reuse what is already available, in a qualitative way.

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

For units produced and sold in Europe

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

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



Recover

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

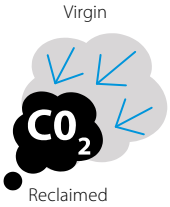
Reclaim

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

Replacement technology

Replace existing systems in the most cost-effective way

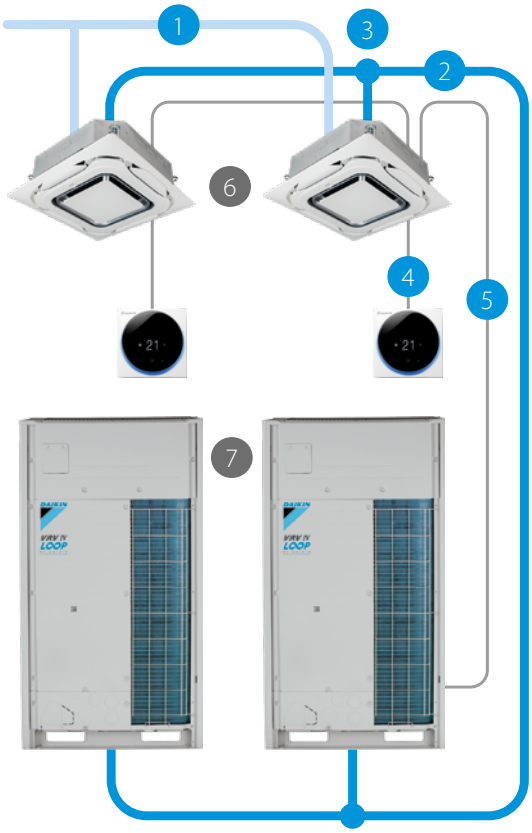
These benefits will convince your customer: Drastically improve efficiency, comfort and reliability

No disturbance of daily operations
- Reuse of existing pipework results in fast installation
- Plan phases for minimal disruption
- 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)

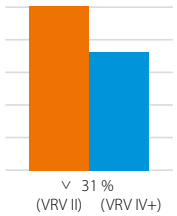


Daikin's solution

1. Reuse drain pipes
2. Reuse refrigerant pipes
3. Reuse refrigerant branch pipes
4. Reuse remote control wiring
5. Reuse indoor-outdoor wiring

Only replace:

6. Indoor units
7. 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: Optimise your business

Watch our online seminar on replacement VRV now!

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

With VRV Q-series you can also replace non-Daikin systems with exactly the same benefits. Trouble-free and with Daikin expertise.

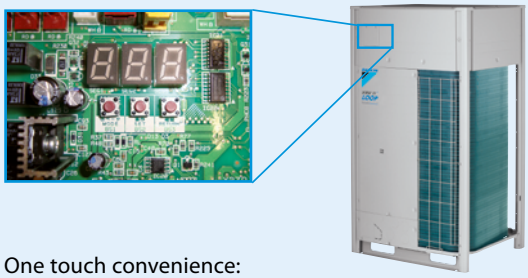
	VRV-Q, keeping indoor units	VRV-Q, replacing indoor units	Completely new installation with VRV 5
Remove outdoor unit	21 %	21 %	21 %
Install new outdoor unit	14 %	14 %	14 %
Clean cooling circuit and leak test	14 %	14 %	14 %
Remove indoor units	–	8 %	8 %
Remove refrigerant pipes and other tasks	–	–	8 %
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 existing 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
- 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

RQCEQ712-848P3

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

RXYQQ8-12U

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	BVEB	4 x FXFQ63BVEB	6 x FXFQ50BVEB	1 x FXFQ50BVEB + 5 x FXFQ63BVEB	4 x FXFQ63BVEB + 2 x FXFQ80BVEB	3 x FXFQ50BVEB + 5 x FXFQ63BVEB	2 x FXFQ50BVEB + 6 x FXFQ63BVEB
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 FXFQ50BVEB + 4 x FXFQ63BVEB	4 x FXFQ50BVEB + 4 x FXFQ63BVEB + 2 x FXFQ80BVEB	7 x FXFQ50BVEB + 5 x FXFQ63BVEB	6 x FXFQ50BVEB + 4 x FXFQ63BVEB + 2 x FXFQ80BVEB	9 x FXFQ50BVEB + 5 x FXFQ63BVEB	8 x FXFQ63BVEB + 4 x FXFQ80BVEB	3 x FXFQ50BVEB + 9 x FXFQ63BVEB + 2 x FXFQ80BVEB	2 x FXFQ50BVEB + 10 x FXFQ63BVEB + 2 x FXFQ80BVEB	6 x FXFQ50BVEB + 10 x FXFQ63BVEB	9 x FXFQ50BVEB + 9 x FXFQ63BVEB	12 x FXFQ63BVEB + 4 x FXFQ80BVEB
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		

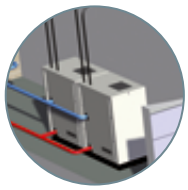
(1) Actual number of connectable indoor units depends on the indoor unit type (VRV indoor, Hydrobox, RA indoor, etc.) and the connection ratio restriction for the system (50% <= CR <= 130%) | Cooling capacity: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m | Heating capacity: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m | Contains fluorinated greenhouse gases

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

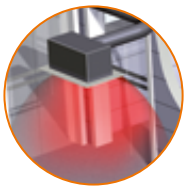
Water-cooled series

Water-to-air heat pump for geothermal and high-rise applications

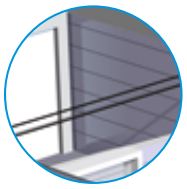
Components:



Outdoor unit



Indoor unit



Refrigerant piping

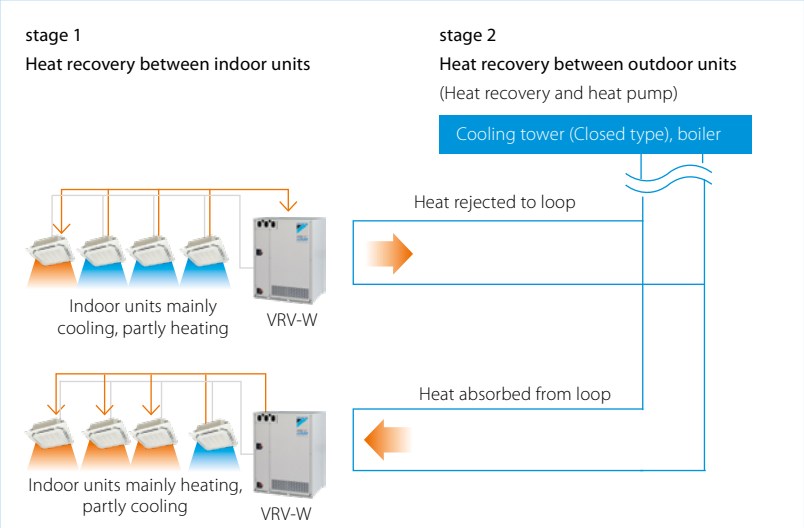
(Geothermal) water loop

Geothermal application

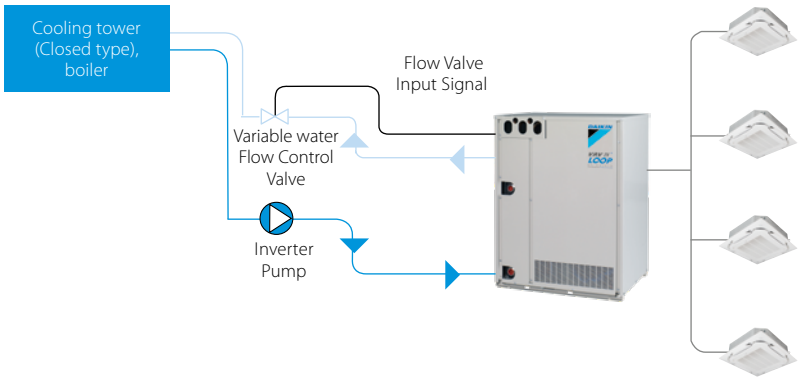
High efficiency

- Superior efficiency, even in the most extreme outside conditions, thanks to geothermal operation
- 2-stage heat recovery: first stage between indoor units, second stage between outdoor units thanks to the storage of energy in the water circuit

2-stage heat recovery



- Reduce excessive energy use of the circulation pump thanks to standard control of inverter driven water pump

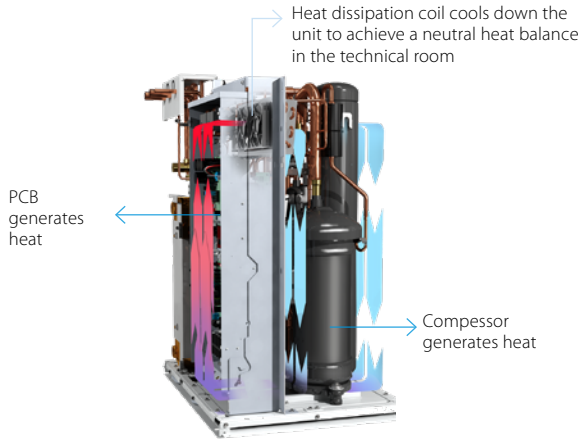


Flexible to design

- No need for ventilation or cooling the technical room thanks to the zero heat dissipation
- 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

Zero heat dissipation principle

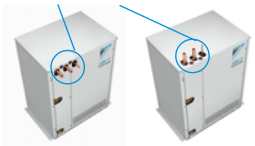
- No need for ventilation or cooling of the technical room
- Enhancing installation flexibility and reliability of parts



Easy to install and service

- Horizontal and vertical piping connection
- Minimum technical room requirements
- Easy to access all components

Horizontal or vertical piping connection



Minimal technical room space required

Easy access to components

Easy front plate removal

step 1 step 2

Rotating switchbox

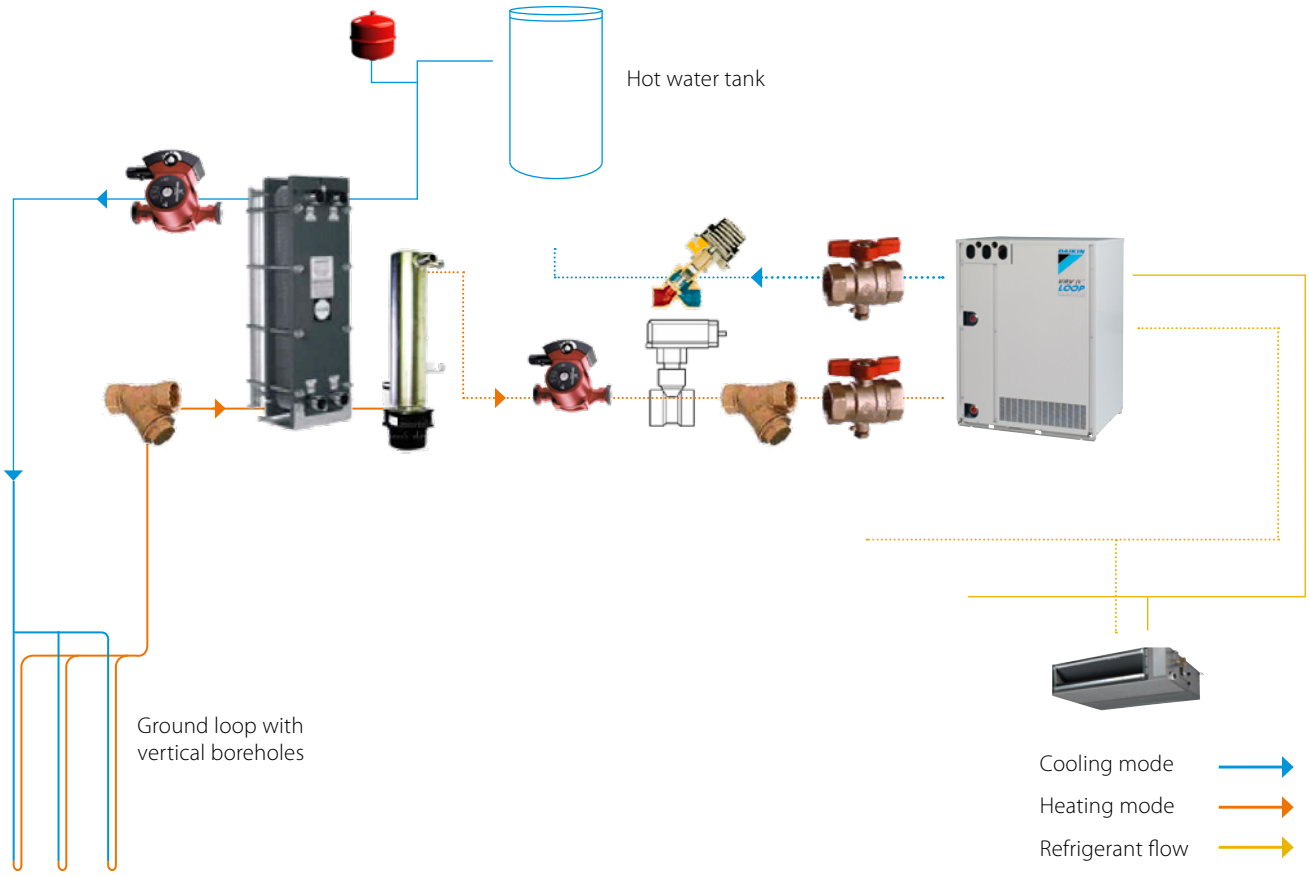
Application example Geothermal operation

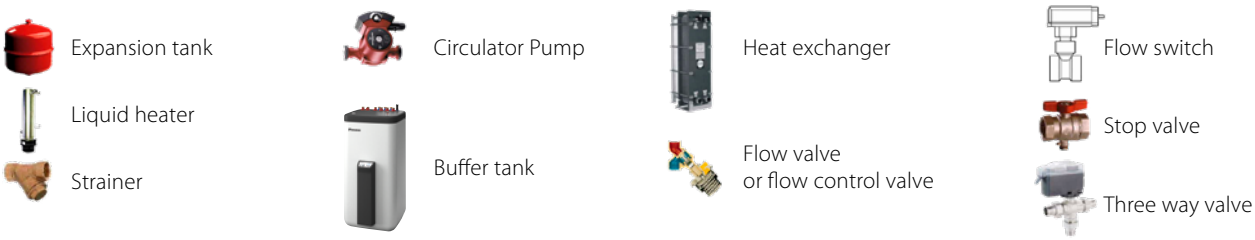
Benefits of this setup

- Very energy efficient
- Ground loop can be in service for a very long time, so future equipment upgrades/replacements are easy
- Vertical boreholes provide more stable water temperature (= Constant high efficiency) and do not occupy a lot of ground space.

When to use?

- When the soil is suitable for geothermal loops and there is availability of geothermal installation expertise locally
- For the projects with high requirements to energy efficiency, green building certification oriented





For more application examples click here

Variable Refrigerant Temperature

VRV IV W+ series

VRV IV+ water-cooled series

Ideal for high rise buildings, using water as heat source

RWEYQ-T9

For units made and sold in Europe*

Connectable stylish indoor units

RWEYQ-T9

		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	C/FVXM-A9	●	●	●		●		

BPMKS box needed to connect RA indoors to VRV IV+ (RYYQ / RXYQ)
* Units available in August 2024

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	

Outdoor unit system		RWEYQ	16T9	18T9	20T9	22T9	24T9	26T9	28T9	30T9	32T9	34T9	36T9	38T9	40T9	42T9
System	Outdoor unit module 1		RWEYQ8T		RWEYQ10T		RWEYQ12T		RWEYQ14T	RWEYQ10T			RWEYQ12T			RWEYQ14T
	Outdoor unit module 2		RWEYQ8T	RWEYQ10T		RWEYQ12T		RWEYQ14T		RWEYQ10T		RWEYQ12T			RWEYQ14T	
	Outdoor unit module 3		-							RWEYQ10T	RWEYQ12T			RWEYQ14T		
Capacity range		HP	16	18	20	22	24	26	28	30	32	34	36	38	40	42
Cooling capacity	Prated,c	kW	44.8	50.4	56.0	61.5	67.0	73.5	80.0	84.0	89.5	95.0	100.5	107.0	113.5	120.0
Heating capacity	Prated,h	kW	50.0	56.5	62.5	69.0	75.0	82.5	90.0	94.5	100.5	106.5	112.5	120.0	127.5	135.0
	Max. 6°CWB	kW	50.0	56.5	62.5	69.0	75.0	82.5	90.0	94.5	100.5	106.5	112.5	120.0	127.5	135.0
Recommended combination			4 x FXMQ63 P7VEB + 2 x FXMQ80 P7VEB	4 x FXMQ50 P7VEB + 4 x FXMQ63 P7VEB	8 x FXMQ63 P7VEB	6 x FXMQ50 P7VEB + 4 x FXMQ63 P7VEB	12 x FXMQ50 P7VEB	7 x FXMQ50 P7VEB + 5 x FXMQ63 P7VEB	2 x FXMQ50 P7VEB + 10 x FXMQ63 P7VEB	12 x FXMQ63 P7VEB	6 x FXMQ50 P7VEB + 8 x FXMQ63 P7VEB	12 x FXMQ50 P7VEB + 4 x FXMQ63 P7VEB	18 x FXMQ50 P7VEB	13 x FXMQ50 P7VEB + 5 x FXMQ63 P7VEB	8 x FXMQ50 P7VEB + 10 x FXMQ63 P7VEB	3 x FXMQ50 P7VEB + 15 x FXMQ63 P7VEB
ηs,c		%	307.6	308.7	298.1	311.3	342.6	322.5	306.1	308.3	318.2	342.5	352.3	338.8	341.4	332.9
ηs,h		%	459.2	491.1	466.8	447.9	434.5	406.9	387.9	467.2	456.1	447.0	438.5	419.4	404.4	391.2
SEER			7.9		7.7	8.0	8.8	8.3	7.9	7.9	8.2	8.8	9.0	8.7		8.5
SCOP			11.7	12.5	11.9	11.4	11.1	10.4	9.9	11.9	11.6	11.4	11.2	10.7	10.3	10.0
Maximum number of connectable indoor units			64(1)							64(1)						
Indoor index connection	Min.		200.0	225.0	250.0	275.0	300.0	325.0	350.0	375.0	400.0	425.0	450.0	475.0	500.0	525.0
	Max.		600.0	675.0	750.0	825.0	900.0	975.0	1,050.0	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	12.7	15.9				19.1		19.1						
	Gas	OD mm	28.6			34.9				34.9			41.3			
	HP/LP gas	OD mm	22.2/28.6		28.6/28.6		28.6/34.9			28.6/34.9			28.6/41.3	41.3/34.9		
	Total piping length	System Actual m	500							500						
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415							3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)	A	32		35	40		50		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%) | Cooling capacity: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m | Heating capacity: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m | Contains fluorinated greenhouse gases
* EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland

RXYLQ-T

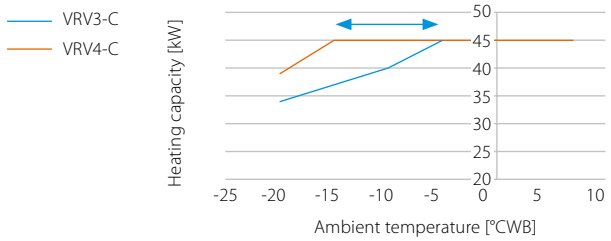
Cold climate series

Efficient heating down to -25°C

Variable Refrigerant Temperature

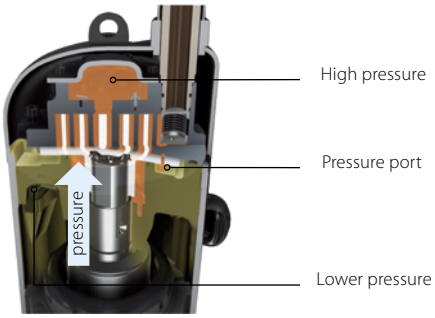
High heating capacity at low ambient temperatures

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



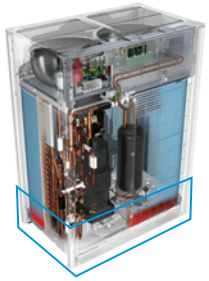
High partial load efficiency

- 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



Variable Refrigerant Temperature

VRV IV C+ series

VRV IV+ heat pump, optimised for heating

Where heating is priority without compromising on efficiency

RXYLQ-T

RXYLQ16-28T

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	C/FVXM-A9	●	●	●		●		

BPMKS box needed to connect RA indoors to VRV IV+ (RYYQ / RXYQ)
* Units available in August 2024

Outdoor unit				RXMLQ8T	RXYLQ10T	RXYLQ12T	RXYLQ14T
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	1,685x1,240x765		
Weight	Unit		kg	302	302		
Fan	External static pressure	Max.	Pa	78			
Sound power level	Cooling	Nom.	dBA	75.0	77.0	81.0	
Sound pressure level	Cooling	Nom.	dBA	55.0	56.0	59.0	
Operation range	Cooling	Min.~Max.	°CDB	-5~43	-5~43		
	Heating	Min.~Max.	°CWB	-25~16	-25~16		
Refrigerant	Type/GWP			R-410A/2,087.5	R-410A/2,087.5		
	Charge		kg/TCO2Eq	11.8/24.6	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	3N~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)		A	20	25	32	

Outdoor unit system		RXYLQ	16T	18T	20T	22T	24T	26T	28T	30T	32T	34T	36T	38T	40T	42T
System	Outdoor unit module 1		RXMLQ8T	RXYLQ10T			RXYLQ12T		RXYLQ14T	RXYLQ10T			RXYLQ12T			RXYLQ14T
	Outdoor unit module 2		RXMLQ8T		RXYLQ10T	RXYLQ12T		RXYLQ14T		RXYLQ10T		RXYLQ12T			RXYLQ14T	
	Outdoor unit module 3		-							RXYLQ10T	RXYLQ12T			RXYLQ14T		
Capacity range		HP	16	18	20	22	24	26	28	30	32	34	36	38	40	42
Cooling capacity	Prated,c	kW	44.8	50.4	56.0	61.5	67.0	73.5	80.0	84.0	89.5	95.0	100.5	107.0	113.5	120.0
Heating capacity	Prated,h	kW	44.8	50.4	56.0	61.5	67.0	73.5	80.0	84.0	89.5	95.0	100.5	107.0	113.5	120.0
	Max. 6°CWB	kW	50.0	56.5	63.0	69.0	75.0	82.5	90.0	94.5	100.5	106.5	112.5	120.0	127.5	135.0
Recommended combination			4 x FXMQ63 P7VEB + 2 x FXMQ80 P7VEB	3 x FXMQ50 P7VEB + 5 x FXMQ63 P7VEB	2 x FXMQ50 P7VEB + 6 x FXMQ63 P7VEB	6 x FXMQ50 P7VEB + 4 x FXMQ63 P7VEB	4 x FXMQ50 P7VEB + 4 x FXMQ63 P7VEB + 2 x FXMQ80 P7VEB	7 x FXMQ50 P7VEB + 5 x FXMQ63 P7VEB	6 x FXMQ50 P7VEB + 4 x FXMQ63 P7VEB + 2 x FXMQ80 P7VEB	9 x FXMQ50 P7VEB + 5 x FXMQ63 P7VEB	8 x FXMQ63 P7VEB + 4 x FXMQ80 P7VEB	3 x FXMQ50 P7VEB + 9 x FXMQ63 P7VEB + 2 x FXMQ80 P7VEB	2 x FXMQ50 P7VEB + 10 x FXMQ63 P7VEB + 2 x FXMQ80 P7VEB	6 x FXMQ50 P7VEB + 10 x FXMQ63 P7VEB	9 x FXMQ50 P7VEB + 9 x FXMQ63 P7VEB	12 x FXMQ63 P7VEB + 4 x FXMQ80 P7VEB
ηs,c		%	261.8	255.7	251.4	263.0	274.4	270.8	270.1	251.4	259.1	266.8	274.4	271.6	270.3	270.1
ηs,h		%	138.0	140.5	144.3	140.3	137.6	137.1		144.3	141.6	139.2	137.6	137.1		
SEER			6.6	6.5	6.4	6.6	6.9	6.8		6.4	6.6	6.7	6.9	6.8		
SCOP			3.5	3.6	3.7	3.6	3.5			3.7	3.6		3.5			
Maximum number of connectable indoor units			64(1)								64(1)					
Indoor index connection	Min.		280	315	350	385	420	455	490	525	560	595	630	665	700	735
	Nom.		400	450	500	550	600	650	700	750	800	850	900	950	1,000	1,050
	Max.		520	585	650	715	780	845	910	975	1,040	1,105	1,170	1,235	1,300	1,365
Piping connections	Liquid OD	mm	12.7	15.9				19.1					19.1			
	Gas OD	mm	28.6				34.9				34.9			41.3		
	Total piping length System Actual	m	500										500			
Current - 50Hz	Maximum fuse amps (MFA)	A	40	45	50	60					80				90	

(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%) | Cooling capacity: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m | Heating capacity: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m | Contains fluorinated greenhouse gases
* EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland

SB.RKXYQ-T(8)

Unique concept with 5 patents

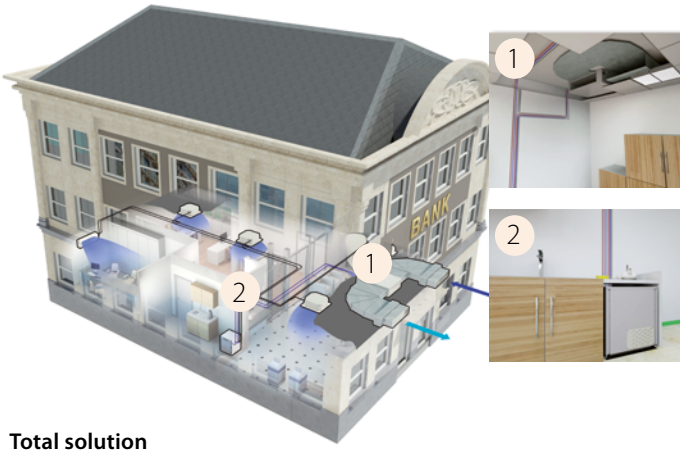
Variable Refrigerant Temperature

Invisible series

Outdoor for indoor installation, when the outdoor unit must be completely invisible

Invisible

Unique outdoor unit in 2 parts



Total solution

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

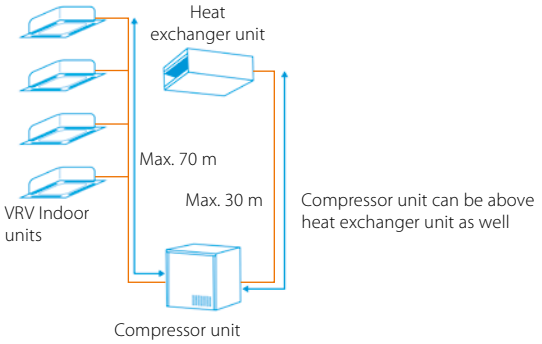
Variable Refrigerant Temperature

VRV IV i-series

VRV IV+ heat pump for indoor installation

The invisible VRV

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



- 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) maximising useable floor space

SB.RKXYQ5T8

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%). | Cooling capacity: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m | Heating capacity: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m

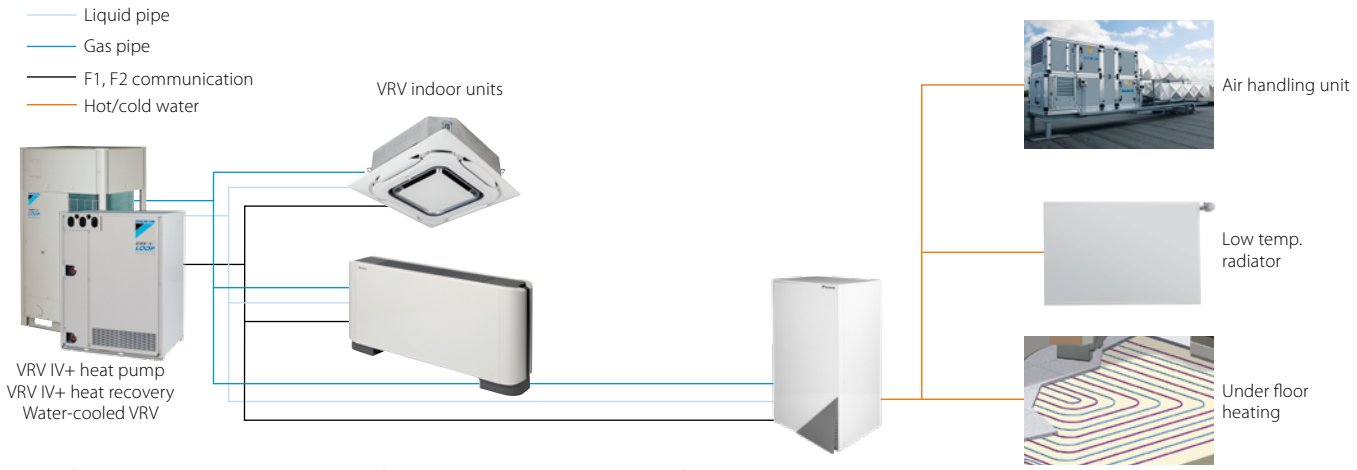
Domestic hot water series

Outdoor units connecting to hydroboxes

- For efficient hot water production and space heating
- No more fossil fuels need on-site
- DX hydroboxes save time on system design as all water-side components are fully integrated with direct control over leaving water temperature

Low temperature hot water production

- 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
- In combination with VRV IV+ Heat pump and water-cooled unit



High temperature hot water production

- 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
- Possibility to connect thermal solar collectors to the domestic hot water tank
- In combination with VRV IV+ Heat pump and water-cooled unit

HXY-A8

Low temperature hydrobox for VRV

For high efficiency space heating and cooling

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

HXHD-A8

High temperature hydrobox for VRV

For efficient hot water production and space heating

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

Variable Refrigerant Temperature

VRV IV+

VRV IV+ heat pump

Daikin's optimum solution with top comfort

RYYQ-U RXYQ-U

RYYQ8-12U

LOOP BY DAIKIN

For units made and sold in Europe*

				RYMQ							RYYQ/RXYQ						
Outdoor unit				**8U***	**10U***	**12U***	**14U***	**16U***	**18U***	**20U***	**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 FXFQ50BVEB	4 x FXFQ63BVEB	6 x FXFQ50BVEB	1 x FXFQ50BVEB + 5 x FXFQ63BVEB	4 x FXFQ63BVEB + 2 x FXFQ80BVEB	3 x FXFQ50BVEB + 5 x FXFQ63BVEB	2 x FXFQ50BVEB + 6 x FXFQ63BVEB
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				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		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	
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	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	57.0	61.0	60.0	63.0	62.0	65.0	57.0		61.0	60.0	63.0	62.0	65.0
Operation range	Cooling	Min.~Max.	°CDB	-5.0~43.0							-5.0~43.0						
	Heating	Min.~Max.	°CWB	-20.0~15.5							-20.0~15.5						
Refrigerant	Type/GWP			R-410A/2,087.5							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	5.9/12.3	6.0/12.5	6.3/13.2	10.3/21.5	RXYQ: 11.3/23.6 RYYQ: 10.4/21.7	11.7/24.4	11.8/24.6
Piping connections	Liquid	OD	mm	9.52			12.7		15.9		9.52		12.7			15.9	
	Gas	OD	mm	19.1	22.2	28.6					19.1	22.2	28.6				
	Equalising pipe	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							3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)		A	20	25	32	32	40	40	50	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 FXFQ50BVEB + 4 x FXFQ63BVEB	4 x FXFQ50BVEB + 4 x FXFQ63BVEB + 2 x FXFQ80BVEB	7 x FXFQ50BVEB + 5 x FXFQ63BVEB	6 x FXFQ50BVEB + 4 x FXFQ63BVEB + 2 x FXFQ80BVEB	9 x FXFQ50BVEB + 5 x FXFQ63BVEB	8 x FXFQ63BVEB + 4 x FXFQ80BVEB	3 x FXFQ50BVEB + 9 x FXFQ63BVEB + 2 x FXFQ80BVEB	2 x FXFQ50BVEB + 10 x FXFQ63BVEB + 2 x FXFQ80BVEB	6 x FXFQ50BVEB + 10 x FXFQ63BVEB
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

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					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			

(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%) | Cooling capacity: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m | Heating capacity: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0mContains 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

Variable Refrigerant Temperature

VRV IV+

VRV IV+ heat recovery

Best efficiency & comfort solution

REYQ-U

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

LOOP BY DAIKIN

For units made and sold in Europe*

Outdoor unit				REMQ5U	REYQ8U	REYQ10U	REYQ12U	REYQ14U	REYQ16U	REYQ18U	REYQ20U
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 FXFQ50BVEB	4 x FXFQ63BVEB	6 x FXFQ50BVEB	1 x FXFQ50BVEB + 5 x FXFQ63BVEB	4 x FXFQ63BVEB + 2 x FXFQ80BVEB	3 x FXFQ50BVEB + 5 x FXFQ63BVEB	2 x FXFQ50BVEB + 6 x FXFQ63BVEB
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	1,685x930x765			1,685x1,240x765			
Weight	Unit		kg	230	230			314		317	
Fan	External static pressure	Max.	Pa	78							
Sound power level	Cooling	Nom.	dBA	78.0	78.0	79.1	83.4	80.9	85.6	83.8	87.9
	Heating	Prated,h	dBA	57.0	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	-5.0~43.0						
	Heating	Min.~Max.	°CWB	-20.0~15.5	-20.0~15.5						
Refrigerant	Type/GWP			R-410A/2,087.5	R-410A/2,087.5						
	Charge		kg/TCO2Eq	9.7/20.2	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	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)		A	20	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 FXFQ63BVEB	3 x FXFQ50BVEB + 3 x FXFQ63BVEB	4 x FXFQ63BVEB + 2 x FXFQ80BVEB	4 x FXFQ50BVEB + 4 x FXFQ63BVEB	10 x FXFQ50BVEB	6 x FXFQ50BVEB + 4 x FXFQ63BVEB	4 x FXFQ50BVEB + 4 x FXFQ63BVEB + 2 x FXFQ80BVEB	7 x FXFQ50BVEB + 5 x FXFQ63BVEB	6 x FXFQ50BVEB + 4 x FXFQ63BVEB + 2 x FXFQ80BVEB	9 x FXFQ50BVEB + 5 x FXFQ63BVEB	8 x FXFQ63BVEB + 4 x FXFQ80BVEB
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	

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 FXFQ50BVEB + 9 x FXFQ63BVEB + 2 x FXFQ80BVEB	2 x FXFQ50BVEB + 10 x FXFQ63BVEB + 2 x FXFQ80BVEB	6 x FXFQ50BVEB + 10 x FXFQ63BVEB	9 x FXFQ50BVEB + 9 x FXFQ63BVEB	12 x FXFQ63BVEB + 4 x FXFQ80BVEB	6 x FXFQ50BVEB + 8 x FXFQ63BVEB + 4 x FXFQ80BVEB	1 x FXFQ50BVEB + 13 x FXFQ63BVEB + 4 x FXFQ80BVEB	12 x FXFQ63BVEB + 6 x FXFQ80BVEB	3 x FXFQ50BVEB + 13 x FXFQ63BVEB + 4 x FXFQ80BVEB	6 x FXFQ50BVEB + 14 x FXFQ63BVEB + 2 x FXFQ80BVEB	9 x FXFQ50BVEB + 15 x FXFQ63BVEB
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			

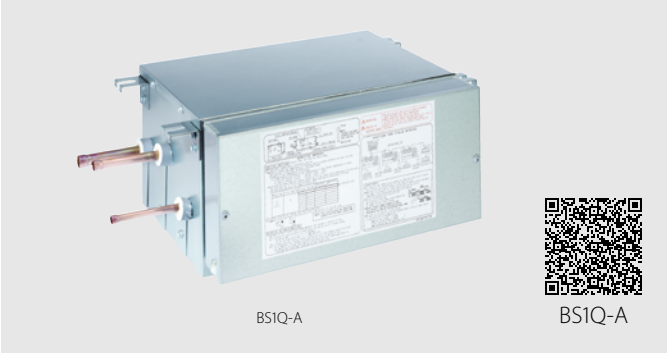
(1) Actual number of connectable indoor units depends on the indoor unit type and the connection ratio restriction for the system (50% ≤ CR ≤ 120%) | Cooling capacity: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m | Heating capacity: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m | 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

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

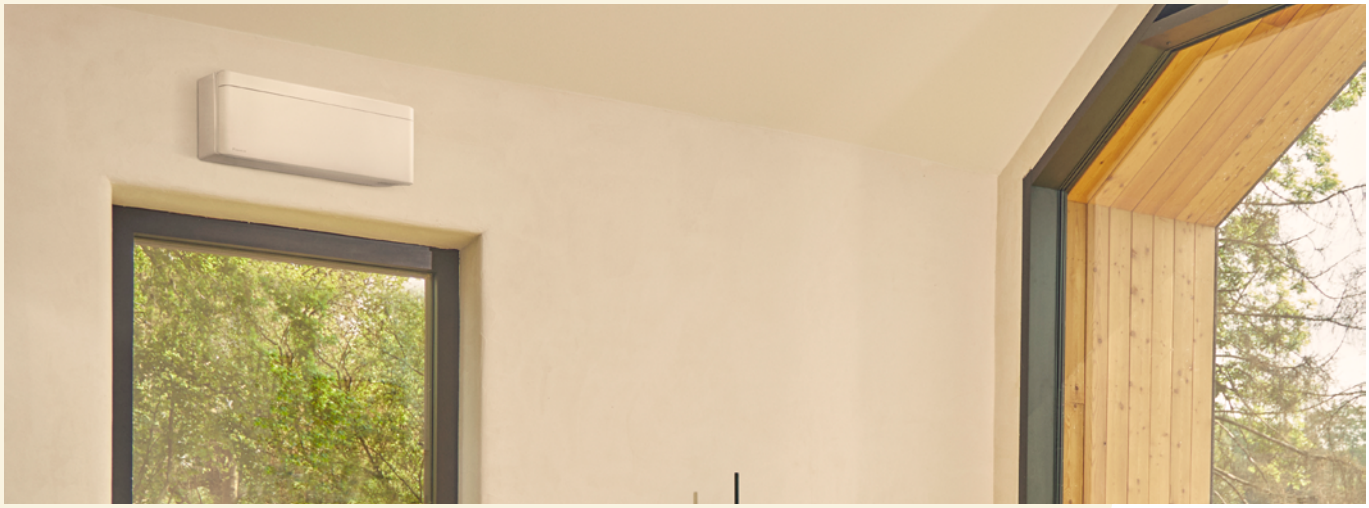
BS-Q14AV1B

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

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					

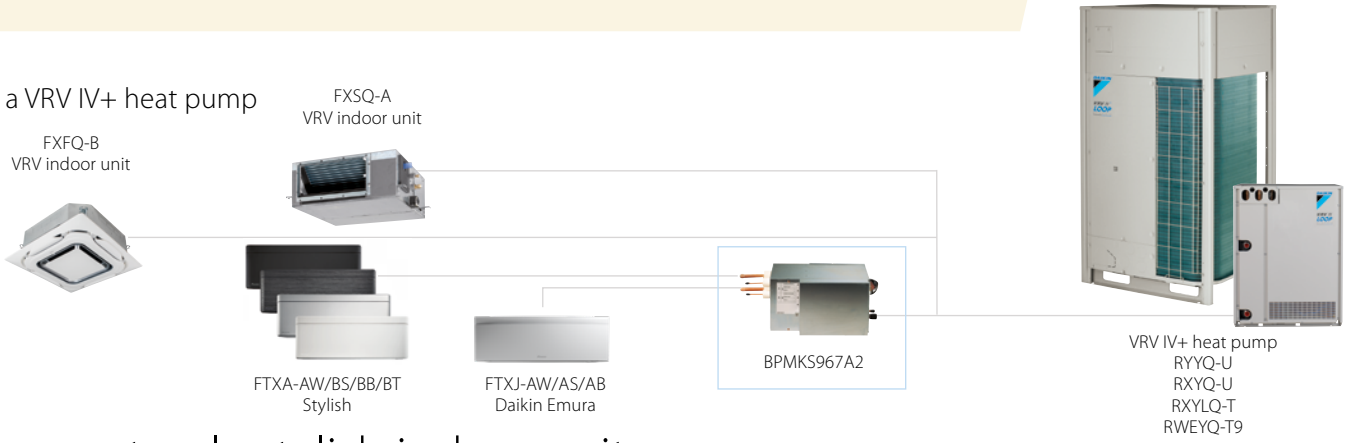
Contains fluorinated greenhouse gases



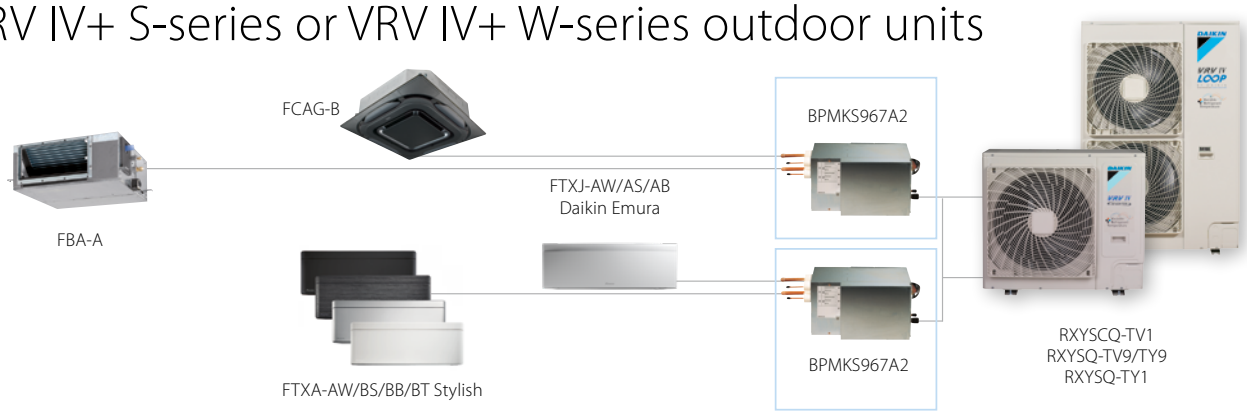
Aesthetics series

Outdoor units connecting to design indoor units

on a VRV IV+ heat pump



Connect only stylish indoor units to VRV IV+ S-series or VRV IV+ W-series outdoor units



*Special order unit, contact your local sales representative for more information

BPMKS967A

Branch provider

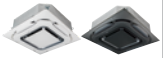
To connect Split and Sky Air indoor units to VRV outdoor units

BPMKS967A2

Branch provider			BPMKS967A2	BPMKS967A2
Connectable indoor units			1~2	1~3
Max. indoor unit connectable capacity			14.2	20.8
Max. connectable combination			71+71	60+71+71
Dimensions	Height x Width x Depth	mm	180x294x350	
Weight		kg	7	8

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.

			Capacity class (kW)								Connectable outdoor unit				
Type	**Model**	**Product name**	**15**	**20**	**25**	**35**	**42**	**50**	**60**	**71**	**RYYQ-U**	**RXYQ-U**	**RXYSCQ-TV1[3] RXYSQ-TV9[3] RXYSQ-TY9/TY1[3]**	**RWEYQ-T9[4]**	**RXYLQ-T**
Ceiling mounted cassette	**Round flow cassette** (incl. auto-cleaning function1) ROUND FLOW	FCAG-B 				●		●	●	●	UV Streamer kit		✓		
	Fully flat cassette	FFA-A9			●	●		●	●				✓		
Concealed ceiling	**Slim concealed ceiling unit**	FDXM-F9			●	●		●	●		Auto cleaning filter option		✓		
	Concealed ceiling unit with inverter-driven fan	FBA-A(9)				●		●	●	●			✓		
Wall mounted	**Daikin Emura Wall mounted unit** reddot award 2014 winner	FTXJ-AW/ AS/AB		●	●	●		●			✓	✓	✓	✓	✓
	Stylish Wall mounted unit	FTXA-AW/BS/ BB/BT		●	●	●	●	●			✓	✓	✓	✓	✓
	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			●	●		●	●				✓		

[1] Decoration panel BYCQ140DG9 or BYCQ140DGF9 + BRC1E* or BRC1H* needed
[2] To connect stylish indoor units a BPMKS unit is needed
[3] A mix of RA indoor units and VRV indoor units is not allowed.
[4] Only in heat pump operation

RXYSCQ-TV1

VRV IV+ S-series compact heat pump

The most compact VRV

Only 823mm high!

RXYSCQ-TV1

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%). | Cooling capacity: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m | Heating capacity: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m | Contains fluorinated greenhouse gases

RXYSQ-TV9 / TY9 / TY1

VRV IV+ S-series heat pump

Space saving solution without compromising on efficiency

LOOP BY DAIKIN

For units made and sold in Europe*

RXYSQ4-6TV9_TY9

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%). | Cooling capacity: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m | Heating capacity: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m | Contains fluorinated greenhouse gases

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

Compact models, easy to hide

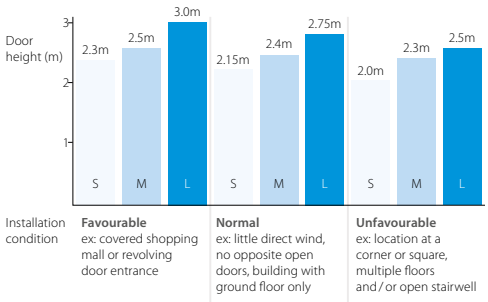
Products overview VRV IV

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 maximise 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		•	•	•	•	•	•		•	•	•		UV Streamer kit	
	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 maximise 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		•	•	•	•	•	•		•		•			
	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	FXKQ-A		NEW •	•	•	•	NEW •							Available summer '24	
Concealed ceiling	Slim concealed ceiling unit	Slim design for flexible installation ▪ Compact dimensions enable installation in narrow ceiling voids ▪ Medium external static pressure up to 44Pa ▪ Only grilles are visible ▪ Small capacity unit developed for small of well-insulated rooms ▪ Reduced energy consumption thanks to DC fan motor	FXDQ-A3	•	•	•	•	•	•	•			Auto cleaning filter option			Multi zoning option	
	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	•	•	•	•	•	•	•		•	•	•	•	Multi zoning option	
	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 developed for small of well-insulated rooms ▪ Reduced energy consumption thanks to DC fan motor ▪ The air is comfortably spread up- and downwards thanks to 5 different discharge angles	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 ▪ Intelligent sensors save energy and maximise comfort ▪ 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

(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

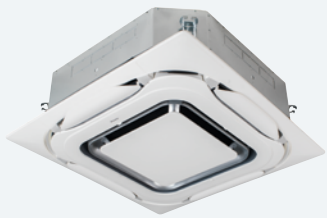
Type	Model		Product name
Biddle air curtain	NEW Free-hanging	**Easy wall mounted installation** ▪ Connectable to ERQ and VRV units ▪ Unified range for R-32 and R-410A refrigerant ▪ Payback period of less then 1.5 years compared to installing an electric air curtain	CYA-DK-F
	NEW Cassette	**Mounted into 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	CYA-DK-C
	NEW Recessed	**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	CYA-DK-R



FXFQ-B

Round flow cassette

360° air discharge for optimum efficiency and comfort



FXFQ-B

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	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
	rate - 50Hz	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				BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52								

Contains fluorinated greenhouse gases

FXZQ-A

Fully flat cassette

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

FXZQ-A

FXZQ-A

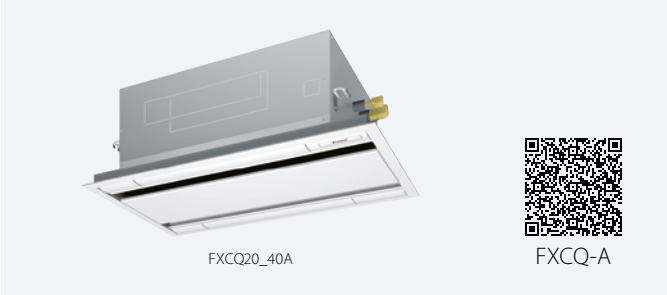
Indoor Unit				FXZQ	15A	20A	25A	32A	40A	50A
Cooling capacity	Total capacity	At high fan speed		kW	1.70	2.20	2.80	3.60	4.50	5.60
Heating capacity	Total capacity	At high fan speed		kW	1.90	2.50	3.20	4.00	5.00	6.30
Power input - 50Hz	Cooling	At high fan speed		kW	0.018		0.020	0.019	0.029	0.048
	Heating	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 / Colour				BYFQ60C2W1W / White (N9.5)					
	Dimensions	HeightxWidthxDepth		mm	46x620x620					
	Weight			kg	2.8					
Decoration panel 2	Model / Colour				BYFQ60C2W1S / Silver					
	Dimensions	HeightxWidthxDepth		mm	46x620x620					
	Weight			kg	2.8					
Decoration panel 3	Model / Colour				BYFQ60B2W1 / White (RAL9010)					
	Dimensions	HeightxWidthxDepth		mm	55x700x700					
	Weight			kg	2.7					
Decoration panel 4	Model / Colour				BYFQ60B3W1 / White (RAL9010)					
	Dimensions	HeightxWidthxDepth		mm	55x700x700					
	Weight			kg	2.7					
Fan	Air flow	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
	rate - 50Hz	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				BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52					

Contains fluorinated greenhouse gases

FXCQ-A

2-way blow ceiling mounted cassette

Thin, lightweight design installs easily in narrow corridors



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			BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52							

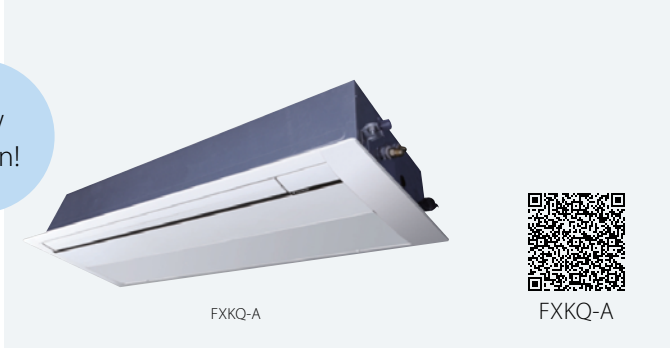
Contains fluorinated greenhouse gases

NEW FXKQ-A

Ceiling mounted corner cassette

1-way blow unit for corner installation

New design!



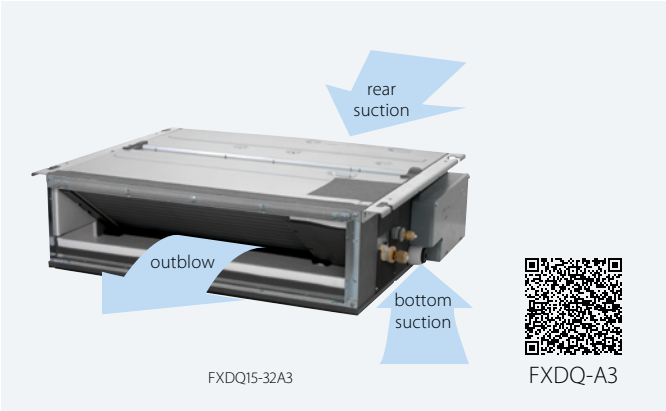
Indoor Unit			FXKQ	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	At high fan speed	kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Total capacity	At high fan speed	kW	2.5	3.2	4	5	6.3	8
Power input - 50Hz	Cooling	At high fan speed	kW	0.024	0.024	0.033	0.038	0.055	0.118
	Heating	At high fan speed	kW	0.024	0.024	0.033	0.038	0.055	0.118
Dimensions	Unit	HeightxWidthxDepth	mm	200x840x470			200x1,240x470		
Weight	Unit		kg	17	17	18	23	23	23
Casing	Material			Galvanised steel plate					
Decoration panel	Model			BYK32G			BYK63G		
	Dimensions	HeightxWidthxDepth	mm	80x950x550			80x1,350x550		
	Weight		kg						
Fan	Airflow rate	Cooling At high / medium / low fan speed	m^3/min	7.1/6/5		8.5/7.3/6	12.9/11/9.1	15.5/13.2/11	21.5/17/14.1
Air filter	Type			Resin net					
Sound power level	Cooling	At high / medium / low fan speed	dBA	46.0/43.5/41.0		50.5/48.5/46.5	52.5/50.0/48.0	57.0/52.5/50.0	61.5/57.0/52.5
	Heating	At high / medium / low fan speed	dBA	50.0/46.0/41.5		52.5/49.5/47.0	53.0/50.5/48.0	58.0/53.0/50.5	63.5/58.0/53.0
Sound pressure level	Cooling	At high / medium / low fan speed	dBA	32.0/27.5/22.5		37.0/34.0/31.5	38.5/34.5/31.5	42.0/38.0/34.5	48.5/43.5/38.5
	Heating	At high / medium / low fan speed	dBA	36.0/31.0/25.5		39.0/35.5/32.5	39.5/36.0/32.5	44.0/39.5/36.0	49.0/44.0/39.5
Refrigerant	Type/GWP			R-32/675					
Piping connections	Liquid	OD	mm	6.35					
	Gas	OD	mm	9.52				12.7	
	Drain			VP25 (O.D. 32/I.D. 25)					
Power supply			Hz/V	1~/50/60/220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)		A	6					

Contains fluorinated greenhouse gases

FXDQ-A3

Slim concealed ceiling unit

Slim design for flexible installation



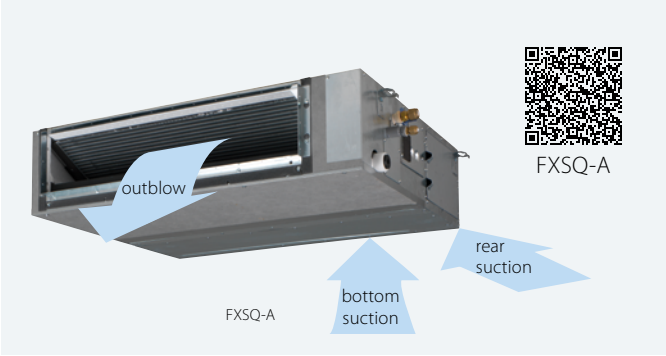
Indoor Unit				FXDQ	15A3	20A3	25A3	32A3	40A3	50A3	63A3
Cooling capacity	Nom.			kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Nom.			kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	At high fan speed		kW	0.036			0.041	0.042	0.053	0.062
	Heating	At high fan speed		kW	0.036			0.041	0.042	0.053	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

FXSQ-A

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market



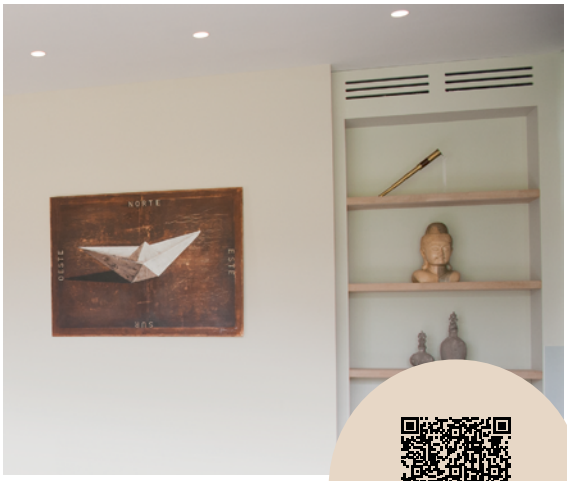
Indoor Unit				FXSQ	15A	20A	25A	32A	40A	50A	63A	80A	100A	125A	140A
Cooling capacity	Total capacity	At high fan speed		kW	1.70	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	16.00
Heating capacity	Total capacity	At high fan speed		kW	1.90	2.50	3.20	4.00	5.00	6.30	8.00	10.0	12.5	16.0	18.0
Power input - 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

Multi zoning kit

for concealed ceiling units

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



Easy selection via our NEW software!

Benefits

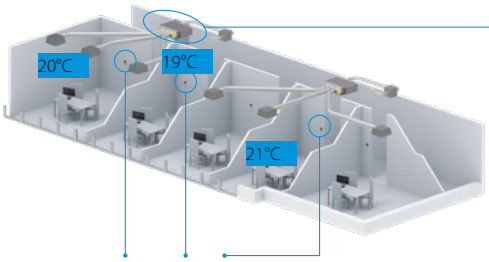
Increased comfort

- 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

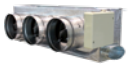
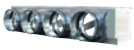
AZCE6THINKRB (Wireless)

Airzone Zone Thermostat

- Thermostat with buttons for controlling the temperature

AZCE6LITECB (Wired)
AZCE6LITERB (Wireless)

Compatibility

					SkyAir														VRV IV+																			
					FDXM-F9				FBA-A(9)							ADEA-A			FXDQ-A3							FXSQ-A											
Number of motorised dampers		Reference	Dimensions H x W x D (mm)	Ø (mm)	25	35	50	60	35	50	60	71	100	125	140	71	100	125	15	20	25	32	40	50	63	15	20	25	32	40	50	63	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				•	•																		•										

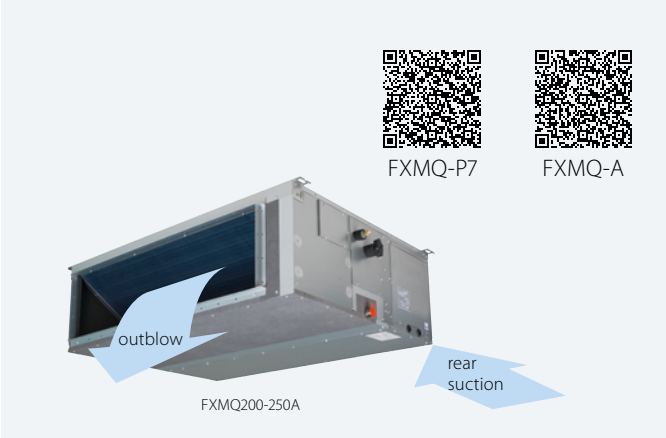
(1) Z models are reversible; R models are heating only
(2) Medium Ceiling Void reversible units can be blocked to heating only via AZX6MCS module

For more information on options refer to page 978

FXMQ-P7 / FXMQ-A

Concealed ceiling unit with high ESP

Ideal for large sized spaces: ESP up to 250 Pa



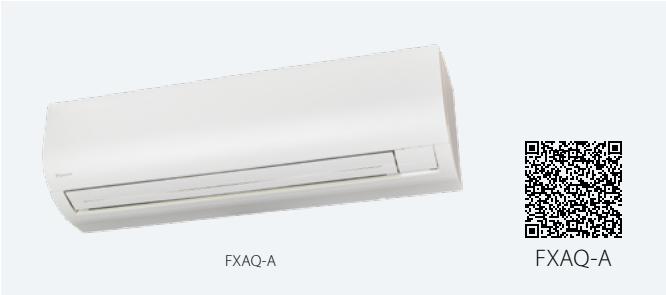
Indoor Unit			FXMQ	50P7	63P7	80P7	100P7	125P7	200A	250A
Cooling capacity	Total capacity	At high fan speed	kW	-					22.4	28.0
	Nom.		kW	5.6	7.1	9.0	11.2	14.0	22.4	28.0
Heating capacity	Total capacity	At high fan speed	kW	-					25.0	31.5
	Nom.		kW	6.3	8.0	10.0	12.5	16.0	25.0	31.5
Power input - 50Hz	Cooling	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			BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52						

Contains fluorinated greenhouse gases

FXAQ-A

Wall mounted unit

For rooms with no false ceilings nor free floor space



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			BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52						

Contains fluorinated greenhouse gases

FXHQ-A

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

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				BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52		

Contains fluorinated greenhouse gases

FXUQ-A

4-way blow ceiling suspended unit

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

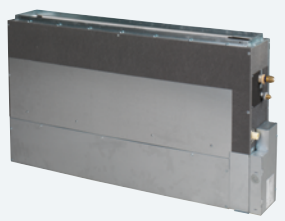
Indoor Unit				FXUQ	71A	100A
Cooling capacity	Total capacity	At high fan speed		kW	8.0	11.2
Heating capacity	Total capacity	At high fan speed		kW	9.0	12.5
Power input - 50Hz	Cooling	At high fan speed		kW	0.090	0.200
	Heating	At high fan speed		kW	0.073	0.179
Dimensions	Unit	HeightxWidthxDepth		mm	198x950x950	
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				BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52	

Contains fluorinated greenhouse gases

FXNQ-A

Concealed floor standing unit

Designed to be concealed in walls



FXNQ-A

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				BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52					

Contains fluorinated greenhouse gases

FXLQ-P

Floor standing unit

For perimeter zone air conditioning

FXLQ20-25P

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				BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52					

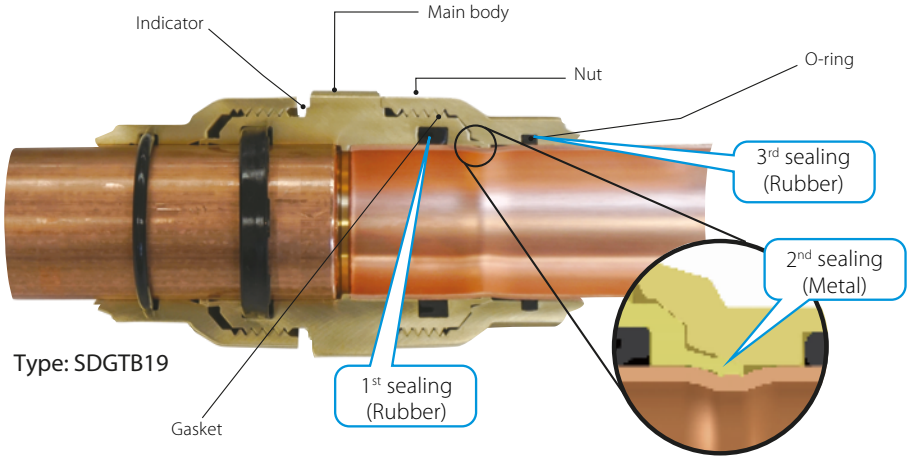
Contains fluorinated greenhouse gases

Tightfit

Daikin Tightfit is a non-brazed connection suitable for refrigerant piping. **Pipes can be joined easily and quickly without brazing or using any special tools.** It meets stringent safety requirements and provides leak-free tightness.

- Double edged claw catches the pipe to form tight, **mechanical sealing ISO 14903 certified**
- Specially developed REFNET allows direct connection to Tightfit joints
- Unique mechanical and resin sealing prevents any leak
- Extremely durable: can withstand up to 4 times the maximum operting pressure of R-32 refrigerant (17.2 Mpa)

Tightfit Mechanism

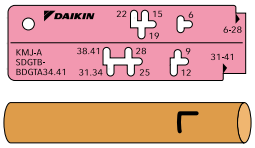


Daikin Tightfit is awarded 3 Ticks Excellent Rating by Singapore Green Building Product (SGBP) scheme. SGBP is a certification for green building products and materials, ensuring that sustainability is integrated throughout the design and manufacturing process of green building products.

Installation in 4 easy steps

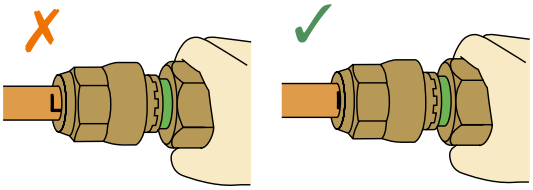
1 Mark the insertion line

Mark the insertion 'T' or 'L' standard line with the marking gauge and marker pen at the proper position of each pipe size.



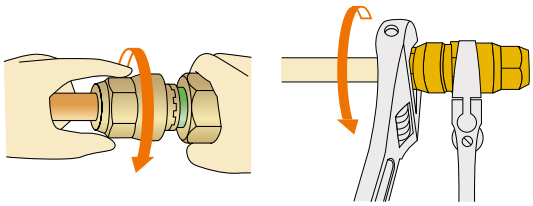
2 Insert the pipe

1. Insert firmly by hand until the pipe stops.
2. Make sure that the insertion standard line is no longer visible.



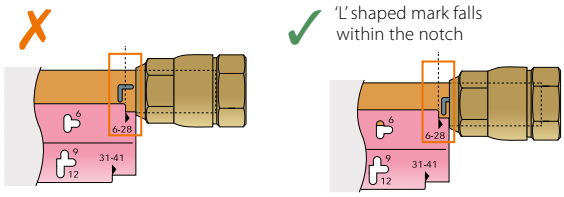
3 Tighten the nut

1. Hold the main body and tighten the nut by hand
2. Hold the main body and tighten the nut with a monkey wrench, until the green indicator disappears and the nut comes into contact with the flat face of the body.



4 Check

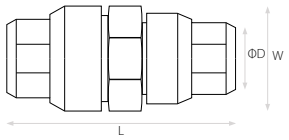
1. Green indicator should be hidden.
2. Place the marking gauge on the end face of the nut and make sure that the 'T' or 'L' shaped mark falls completely within the notch in the marking gauge.



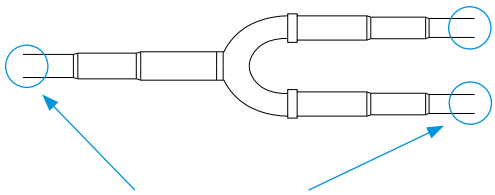
Standard joints (same size piping on each side)

	Box Model Name	No. of joints/box	Dimensions			
			Diameter	L (mm)	W (mm)	Single Weight (g)
	NEW SDGTC06_B	100	1/4" (6.35mm)	50.4	15	43
	NEW SDGTC09_B	90	3/8" (9.52mm)	55	19.9	79
	NEW SDGTC12_B	70	1/2" (12.7mm)	59	23.5	113
	NEW SDGTC15_B	50	5/8" (15.9mm)	74	30	210
	SDGTB19_B	45	3/4" (19.1mm)	76.8	34.6	273
	SDGTB22_B	30	7/8" (22.2mm)	83.4	40.2	292
	SDGTB28_B	24	1 1/8" (28.6mm)	88	46.7	515
	BDGTA34_B	20	1 3/8" (34.9mm)	101.5	51.1	686
	BDGTA41_B	16	1 5/8" (41.3mm)	103.5	58.3	881

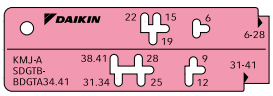
Asymmetric joints (different size piping on each side)

	Box Model Name	No. of joints/box	Dimensions			
			Diameter	L (mm)	W (mm)	Single Weight (g)
	NEW SDGTC0906_B	90	1/4"-3/8" (6.35-9.52mm)	52.7	19.9	67
	NEW SDGTC1209_B	70	3/8"-1/2" (9.42-12.7mm)	57.5	23.5	101
	NEW SDGTC1512_B	60	1/2"-5/8" (12.7-15.9mm)	65	30	164
	NEW SDGTC1915_B	45	5/8"-3/4" (15.9-19.1mm)	76.8	34.6	244
	SDGTB2219_B	30	3/4"-7/8" (19.1-22.2mm)	81.5	40.2	358
	SDGTB2522_B	30	7/8"-1" (22.2-25.4mm)	85.8	43.5	444
	SDGTB2825_B	24	1"-1 1/8" (25.4-28.6mm)	88.1	46.7	505
	SDGTB3428_B	20	1 1/8"-1 3/8" (28.6-34.9mm)	101.5	51.1	645

Refnets compatible with Tightfit joints

	Capacity index		Tightfit REFNET	Standard Refnet (for reference only)
 Possible to connect Tightfit directly	X<290	2-pipe	BHRG26A33T	KHRQ22M20TA
				KHRQ22M20T
				KHRQ22M29T9
	290<= X <= 640		BHRG26A72T	KHRQ22M64T
	640 <= X		BHRG26A73T	KHRQ22M75T
	X<290	3-pipe	BHRG25A33T	KHRQ23M20T
				KHRQ23M29T9
	290<= X <= 640		BHRG25A72T	KHRQ23M64T
	640 <= X		BHRG25A73T	KHRQ23M75T

Accessories

	New Measuring Tool
	SDGT_GAUGE

View our installation video!

Tightfit joint

Tightfit Refnet

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				
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
		•	
		•	•

Options & accessories - VRV outdoor

		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** DIII-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	
		•	•	•
		•	•	•

Refnet Headers			R-32 VRV 5 Heat Recovery Branch Selector (BSSV) boxes	R-32 VRV 5 Heat Pump optional Shut off valve (SV) boxes	R-410A 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-A14AV1B9	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)	Fully flat (600x600)	Corner (1-way)
			FXFA-A	FXZA-A	FXKA-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)	20-32: BYK32G 40-63: BYK63G
	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 **BRC1H52W7** (White) / **BRC1H52S7** (Silver) / **BRC1H52K7** (Black) User-friendly wired remote controller with premium design		• (mandatory)	• (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	**EKMBPP1A** - 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		•	•	•
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 virusses, bacteria, fine dust, odours, allergens, etc ensuring a healthy indoor environment)	UV Streamer kit	BAEF125AWB (22)		
		Replacement filter	BAF55A125		
	High efficiency filter		ePM10 60% BAF552AA160 (23) (BAF552AA160-5: box of 5 filters) (BAF552AA160-10: box of 10 filters)		
	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	KRCS01-6B
	K.RSS - External wireless temperature sensor		SB.K.RSS_RFC (EKEWTSC-2 + K.RSS)	SB.K.RSS_FDA (EKEWTSC-1 + 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)	ERP02A50 (2)
	Adapter with 4 output signals (Compressor / Error, Fan, Aux. heater, Humidifier output)		EKRP1C12 (2)(7)	EKRP1C14 (2)	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)	KRP4A53 (2)
	Adapter for external central monitoring/control (controls 1 entire system)			KRP2A52	KRP2A52
	Adapter for keycard and/or window contact connection (2)(11)		BRP7A53	BRP7A53 (2)	BRP7A51 (2)
	Adapter for multi-tenant applications (24VAC PCB power supply interface)		DTA114A61	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	KRP1BC101 / KRP4B93
	Wiring kit for Remote ON/OFF or Forced OFF		Standard	Standard	Standard
	Relay PCB for output signal of refrigerant sensor		ERP01A51 (2)	ERP01A50 (2)	ERP01A50 (2)
Others	Drain pump kit		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				
	Insulation kit for high humidity				

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

Concealed ceiling units (duct units)			Ceiling suspended units		Wall mounted units	Floor standing units
Slim	Medium ESP	High ESP	1-way blow	4-way blow		Concealed
FXDA-A	FXSA-A	FXMA-A	FXHA-A	FXUA-A	FXAA-A	FXNA-A
				KDBHP49B140 + KDBTP49B140		
				BRE49B2F		
BRC4C65	BRC4C65	BRC4C65	BRC7GA53-9	BRC7C58	BRC7EA630	BRC4C65
•	•	•	•	•	•	•
• (mandatory)	• (mandatory)	• (mandatory)	• (mandatory)	• (mandatory)	• (mandatory)	• (mandatory)
•	•	•	•	•	•	•
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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				
		200~250: BDD500B250				
KRCS01-6B	KRCS01-6B	KRCS01-6B	KRCS01-6B	KRCS01-6B	KRCS01-6B	KRSC01-6B
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)	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)
			KRP1BA58			
ERP02A50 (2)	EKRP1C14 (2)	EKRP1C14 (2)		EKRP1C14 (2)	ERP02A50 (2)	ERP02A50 (2)
KRP4A54-9 (2)	KRP4A52(2)	50~125: KRP4A52 200~250: KRP4A51	KRP4A52 (2)	KRP4A53 (2)	KRP4A51 (2)	KRP4A54-9 (2)
KRP2A53 (2)	KRP2A51(2)	KRP2A51	KRP2A62		KRP2A61(2)	KRP2A53 (2)
BRP7A54	BRP7A51	BRP7A51	BRP7A52 (2)	BRP7A53	BRP7A51 (2)	BRP7A54 (2)
DTA114A61	DTA114A61	DTA114A61	DTA114A61-9	DTA114A61-9	DTA114A61	
DTA104A53	DTA104A61 (2)	DTA104A61 (2)	DTA104A61	DTA104A61	DTA104A51(2) / DTA104A61(2)	DTA104A53 (2)
KRP1BC101	KRP1BC101	KRP1BC101	KRP1D93A/KRP4B93	KRP1B97 / KRP1C97	KRP4A93	KRP1BC101
	Standard	Standard	standard	standard	Standard	Standard
ERP01A51 (2)	ERP01A50 (2)	ERP01A50	ERP01A51 (2)	ERP01A51 (2)	ERP01A51 (2)	ERP01A51 (2)
Standard	Standard	200~250: BDU510B250VM	32-50-63: KDU50R63 100: KDU50R160		K-KDU572KVE	
	15~32: KDAP25A36A 40~50: KDAP25A56A 63~80: KDAP25A71A 100~125: KDAP25A140A 140: -	50~80: KDAJ25K71 100~125: KDAJ25K140 200~250: -				
			32: KHFP5M35 50~63: KHFP5N63 71~100: KHFP5N160			
KDT25N32 / KDT25N50 / KDT25N63						

controller
(13) Option KEK26-1A (Noise filter) is required when installing DCS301B51
(14) Wire 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 (BDD500B250)
(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

		Ceiling mounted cassette units			
		Round flow (800x800)	4-way (600x600)	2-way blow	Corner (1-way blow)
		FXFQ-B	FXZQ-A	FXCQ-A	FXKQ-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)	BYFQ60C2W1W (white panel) BYFQ60C2W1S (grey panel) BYFQ60B3W1 (standard panel)	20~40: BYBCQ40H 50~63: BYBCQ63H 80~125: BYBCQ125H	20-32: BYK32G 40-63: BYK63G
	Panel spacer for reducing required installation height		KDBQ44B60 (Standard panel)		
	Sealing kit for 3- or 2-directional air discharge	KDBHQ56B140 (7)	BDBHQ44C60 (white & grey panel)		
	Sensor kit	BRYQ140B (white panels) BRYQ140BB (black panels) BRYQ140C (white designer panel) BRYQ140CB (black designer panel)	BRYQ60A2W (white) BRYQ60A2S (grey)		
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	
	BRP069C51 - Onecta app				
	Madoka **BRC1H52W7** (White) / **BRC1H52S7** (Silver) / **BRC1H52K7** (Black) User-friendly wired remote controller with premium design	•	•	•	•
	BRC1E53A/B/C - Wired remote control with full-text interface and back-light	•	•	•	•
	BRC1D52 (4) - Standard wired remote control with weekly timer	• (15)	•	•	•
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	**EKMBPP1A** - 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 virusses, bacteria, fine dust, odours, 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, odours, 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 filters)			
	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	KRCS01-6B
	K.RSS - External wireless temperature sensor	K.RSS	K.RSS	•	SB. K.RSS_FDA (EKEWTSC-1 + 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)	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)	KRP4A51 (2)	KRP4A53 (2)
	Adapter for external central monitoring/control (controls 1 entire system)		KRP2A52	KRP2A51 (2)	KRP2A52
	Adapter for keycard and/or window contact connection (2)(11)	BRP7A53	BRP7A53 (2)	BRP7A51	BRP7A51 (2)
	Adapter for multi-tenant applications (24VAC PCB power supply interface)	DTA114A61	DTA114A61	DTA114A61-9	DTA114A61
	External control adapter for outdoor unit (installation on indoor unit)			DTA104A61 (2)	
	Installation box / Mounting plate for adapter PCBs (For units where there is no space in the switchbox)	KRP1H98A (7) KRP1BC101	KRP1BC101	KRP1C96 (16) (17)	KRP1BC101 / KRP4B93
	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
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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					
			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 (BDD500B250)
(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