



VRV

Maximum flexibility,
minimum concern;
As it should be.

2026
NEW



Remain at the forefront of the HVAC market

A VRV for everyone



R-744

Our long-term strategic vision for a VRF market with natural refrigerants

CO₂ VRV

GWP	Type
1	A1

- Exploring new technologies for the future VRF market
- Supporting customers requesting so-called natural refrigerants
- Focus on reducing the embodied carbon impact



R-32

The best way to future-proof installations today

VRV 5



GWP	Type
675	A2L

Our Most
Balanced
Solution

- Unparalleled solution in the market
- The widest, most versatile VRV system to easily decarbonize buildings now
- Top sustainability over the entire lifecycle



R-410A

Replacing existing VRV/VRF systems in the most cost-effective way

VRV IV⁺ LOOP
BY DAIKIN

GWP	Type
2,088	A1

- Using 100% reclaimed refrigerant

Your guide to the F-gas regulation

Key elements of the revised F-gas regulation

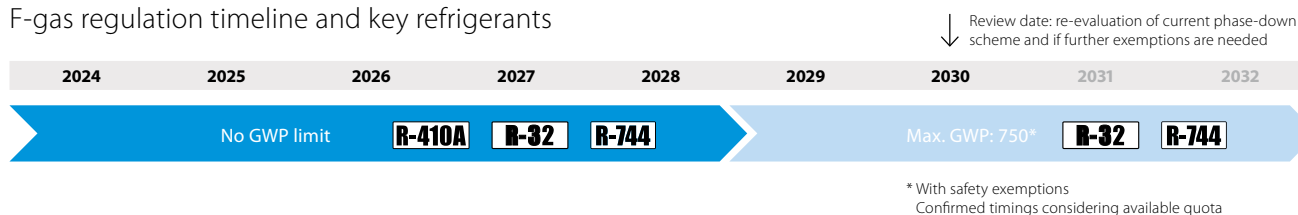
- A stricter phase-down path from 2025 onwards and a phase-out of virgin HFCs by 2050, with a planned review in 2030
- Stricter GWP limits for specific types of products
- Products placed on the market before a GWP limit comes into force can continue to be sold, installed, operated and serviced throughout their entire lifetime



Daikin VRV, ahead of the F-gas regulation

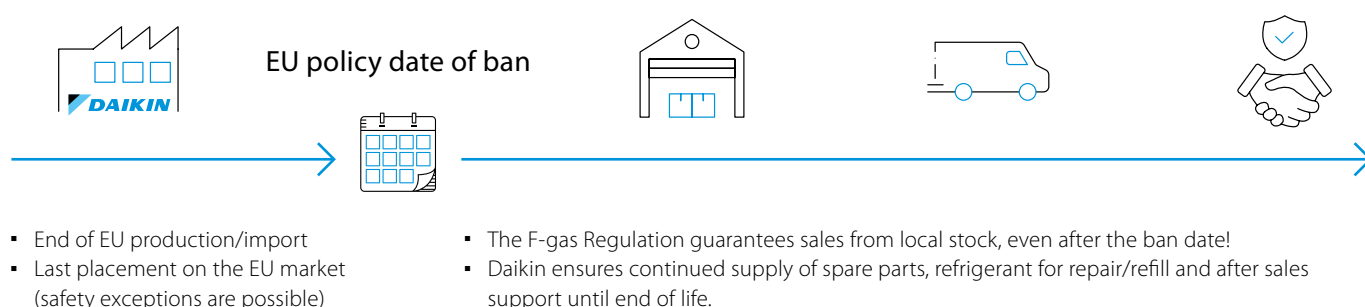
- All VRV 5 investments made are **fully future-proof** and the best answer to decarbonise buildings today!
- A CO₂ alternative for customers requesting so-called natural refrigerants

F-gas regulation timeline and key refrigerants



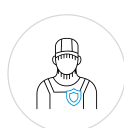
You can still sell, maintain and repair after the ban

- Servicing of existing equipment remains possible for the entire lifetime of products
- How a ban will take effect:



Find out more

what the F-gas regulation means for you in terms of leak checks, certifications and more on our F-gas webpage!



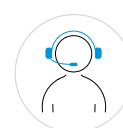
Maintenance



Spare parts

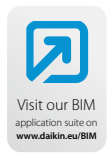


Refrigerant



Sales support





VRV

Commercial air-to-air heat pumps

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VRV 5, our leading portfolio to decarbonise buildings now **VRV 5** **R-32** 436

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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:



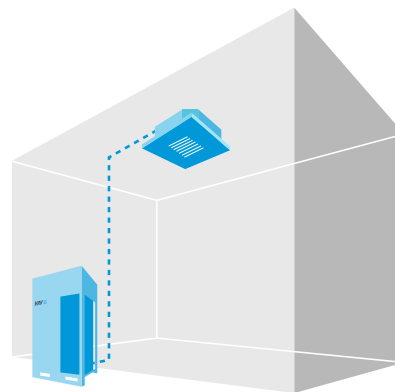
Responsive by design



- **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

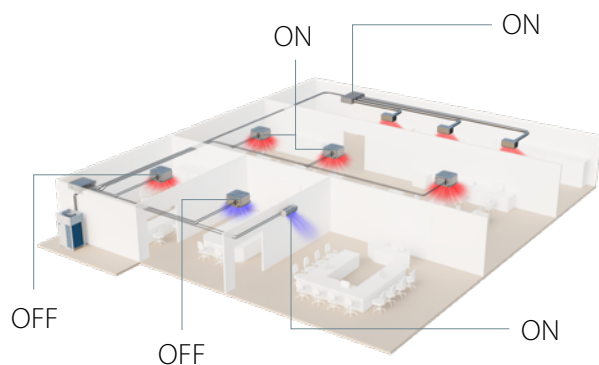
Quick and easy to install:

- **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



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 ...

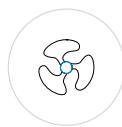
... a total solution managing up to

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



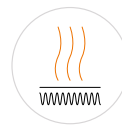
Controls for maximum operating efficiency



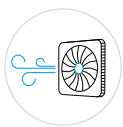
Air curtains for optimum air separation



Efficient production of hot water

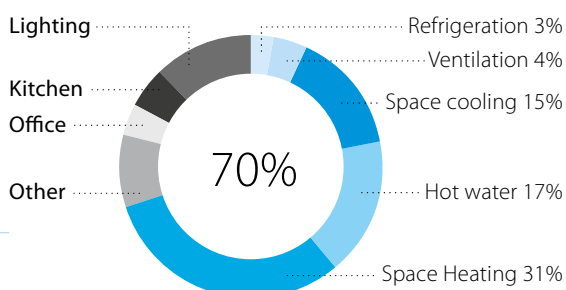


Underfloor heating/cooling for efficient space heating/cooling

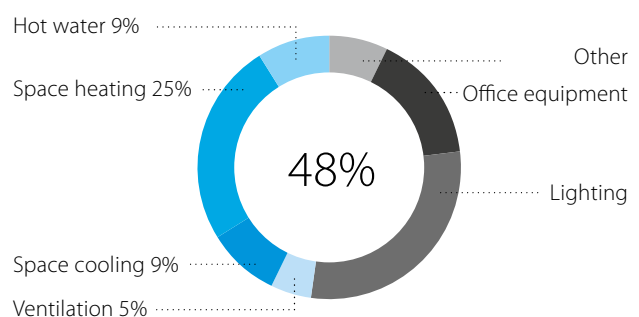


Cooling for server rooms, telecom shelters

Average hotel energy consumption



Average office energy consumption



Integrate third party equipment

Integrate third party equipment

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
- CO₂ VRV: The low GWP solution using R-744 (CO₂) refrigerant
- L∞P by Daikin: Avoiding over 400,000 kg of virgin refrigerant being produced every year

VRV 5 CO₂ VRV

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

BREEAM®
WELL

LEED®
LEADERSHIP IN ENERGY AND
ENVIRONMENTAL DESIGN

3 Comfort

- Provide high indoor air quality through seamless integration of VAM and AHU's (For R-32 and R-410A)
- 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



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
- Madoka Plus:
 - A touch screen controller with sleek & stylish design
 - App connectivity using Madoka assistant



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 Plus: experience the perfect blend of design & performance.
- 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, Shīrudo technology, ...



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
CO₂ 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

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

❄️ 12.1kW ↔ 78.5kW
 ☀️ 14.2kW ↔ 87.5kW

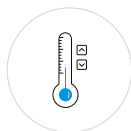


VRV 5 S-series

VRV 5 Heat Recovery

VRV 5 Heat Pump

Versatile



Wide operation range

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



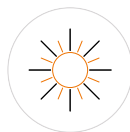
Wide piping flexibility to tackle any VRV application

- 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 Shirudo Technology
video!



What is included in Shîrudo Technology?

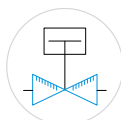
- **Complete peace of mind** as all refrigerant control measures are factory-integrated, ensuring compliance to the IEC60335-2-40 product standard, 3rd party certified by a Notified Body



Leak detection
sensor in every
indoor unit



Audible & visual
alarm in Madoka
controller or
via iTM



Shutoff valves
in the outdoor unit
or SV box

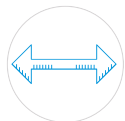


Specially
developed
algorithms

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

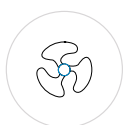
Widest R-32 portfolio

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 m³/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 BREEAM/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 BLUEEVOLUTION

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	VRV 5 heat recovery - Reduced CO₂ equivalent thanks to the use of lower GWP refrigerant R-32 - Top sustainability over the entire lifecycle „Free“ heating through heat recovery - Tackle small room applications thanks to Shirudo Technology - The perfect personal comfort thanks to simultaneous cooling and heating	REYA-A9 				●	●	●		●	●	●	●								○	○	○	○
							▲		▲		▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	
Air-cooled heat pump	VRV 5 heat pump - Reduced CO₂ 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 				●	●	●		●	●	●	●								○	○	○	○
							▲	▲		▲	▲	▲												
Air-cooled heat pump	VRV 5 S-series - Reduced CO₂ equivalent thanks to the use of lower GWP refrigerant R-32 - Top sustainability over the entire lifecycle - Unique low -height single fan range - Tackle small room applications thanks to Shirudo technology	RXYS-AV1/AY1/A 	1~	●	●	●																		Standard total system connection ratio limit: 50~130%
			3~	●	●	●	●	●	●													○	○	

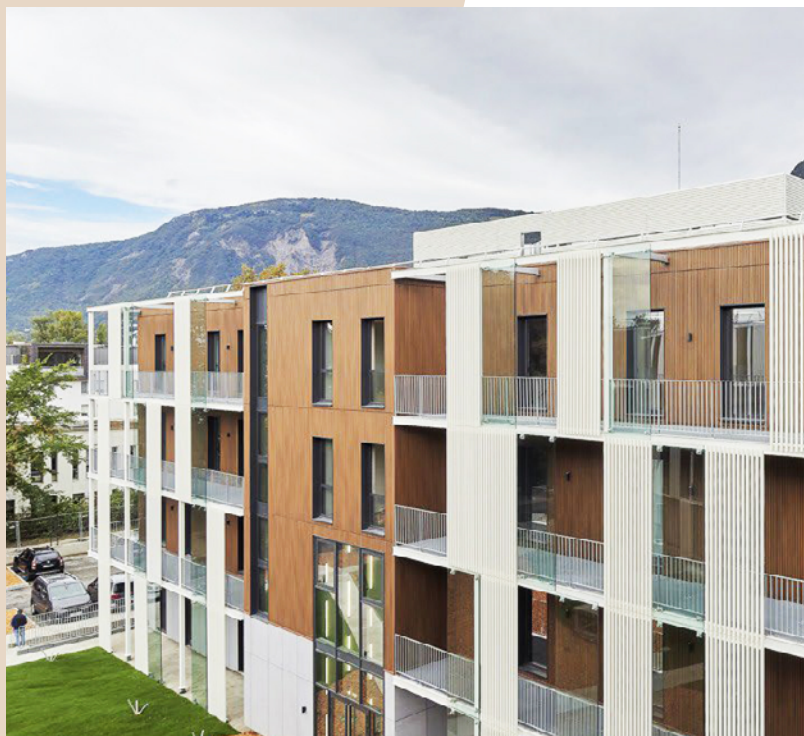
● Single unit, ▲ Multi combination

○ Outdoor unit connectable to these type of units

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: 25,000m²
Total outdoor units: 115

Challenges:

- Achieve HQE BBC (Low Carbon Building) certification label
- Provide an HVAC system to offset the increased CO₂ 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 CO₂, 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:

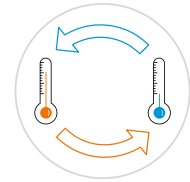
- Implementation of **VRV 5 heat recovery**, using lower GWP refrigerant R-32 boosting efficiency thanks to the re-use of excessive heat from rooms in cooling, to heat up rooms in need of heating
- The **modular and compact** concept of VRV outdoor units and very small piping made it the best solution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



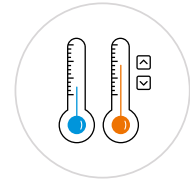
VRV 5 Heat Recovery

The sustainability champion

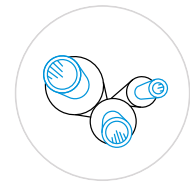
- Reduced CO₂ equivalent thanks to the use of lower GWP R-32 refrigerant and lower refrigerant charge
- Single component refrigerant, easy to re-use and recycle
- Top sustainability over the entire lifecycle, thanks to market leading real-life seasonal efficiency
- "Free" heat through efficient 3-pipe heat recovery, transferring heat from areas needing cooling to areas requiring heat and vice versa
- Tackle any room application, thanks to Shīrudo technology
- Specially designed indoor units for R-32, ensuring low sound and maximum efficiency
- Simultaneous cooling and heating ensure optimal personal comfort for guests and tenants
- Continuous heating during defrost for multi models
- Maximum installation flexibility with piping lengths up to 165 metres and a total length of 1,000 metres
- Sound pressure down to 40 dB(A), thanks to 5 low sound steps
- ESP up to 78 Pa allows ducting
- Incorporates VRV standards & technologies: Variable Refrigerant Temperature, continuous heating, VRV configurator, 7 segment display and full inverter compressors, 4-side heat exchanger, refrigerant cooled PCB, 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 (1)	28.0 (1)	33.5 (1)	40.0 (1)	45.0 (1)	50.4 (1)	56.0 (1)
Heating capacity	Prated,h			kW	22.4 (2)	28.0 (2)	33.5 (2)	40.0 (2)	45.0 (2)	50.4 (2)	56.0 (2)
	Max. 6°CWB			kW	25.0 (2)	31.5 (2)	37.5 (2)	45.0 (2)	50.0 (2)	56.5 (2)	63.0 (2)
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 (3)						
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	213			296		319	
Sound power level	Cooling	Nom.		dBA	78.3 (5)	78.8 (5)	82.5 (5)	78.7 (5)	83.7 (5)	83.4 (5)	87.9 (5)
Sound pressure level	Cooling	Nom.		dBA	56.3 (6)	58.0 (6)	60.8 (6)	58.1 (6)	61.4 (6)	63.0 (6)	67.0 (6)
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
	HP/LP gas	OD		mm	15.90		19.10				22.20
	Total piping length		System Actual	m	1,000 (7)						
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)			A	20 (9)	25 (9)	32 (9)		40 (9)		50 (9)

Completely redesigned BSSV
boxes for faster installation
and easier servicing



REYA8-12A9

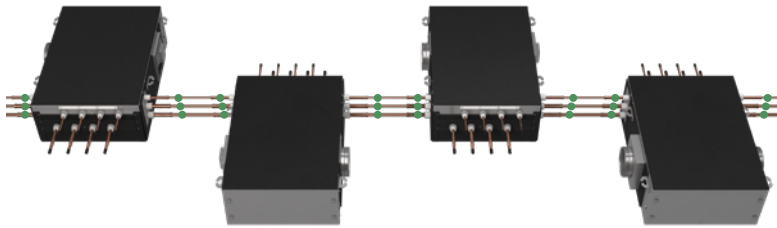
Multi Unit systems			REYA	10A9	13A9	16A9	18A9	20A9	22A9	24A9	26A9	28A9	
System	Outdoor unit module 1			REMA5A9			REYA8A9		REYA10A9	REYA8A9	REYA12A9		
	Outdoor unit module 2			REMA5A9	REYA8A9		REYA10A9	REYA12A9		REYA16A9	REYA14A9	REYA16A9	
Capacity range			HP	10	13	16	18	20	22	24	26	28	
Cooling capacity	Prated,c		kW	28.0 (1)	36.4 (1)	44.8 (1)	50.4 (1)	55.9 (1)	61.5 (1)	67.4 (1)	73.5 (1)	78.5 (1)	
Heating capacity	Prated,h		kW	28.0 (2)	36.4 (2)	44.8 (2)	50.4 (2)	55.9 (2)	61.5 (2)	67.4 (2)	73.5 (2)	78.5 (2)	
	Max.	6°CWB	kW	32.0 (2)	41.0 (2)	50.0 (2)	56.5 (2)	62.5 (2)	69.0 (2)	75.0 (2)	82.5 (2)	87.5 (2)	
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 (3)									
Indoor index connection	Min.			125	163	200	225	250	275	300	325	350	
	Nom.							-					
	Max.			325	423	520	585	650	715	780	845	910	
Sound power level	Cooling	Nom.	dBA	81.3 (4)			81.6 (4)	83.9 (4)	84.0 (4)	84.8 (4)	84.0 (4)	86.2 (4)	
	Heating	Nom.	dBA	82.4 (4)			83.1 (4)	84.8 (4)	85.2 (4)	87.1 (4)	86.1 (4)	88.1 (4)	
Sound pressure level	Cooling	Nom.	dBA	59.3 (5)			60.2 (5)	62.1 (5)	62.6 (5)		62.7 (5)	64.1 (5)	
Piping connections	Liquid	OD	mm	9.52	12.70								15.90
	Gas	OD	mm	19.1	22.2				28.6				
	HP/LP	OD	mm	15.90	19.10				22.20				
	gas												
	Total piping System Actual length		m	500 (6)						1,000 (6)			
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415									
Current - 50Hz	Maximum fuse amps (MFA)		A	40 (8)			50 (8)			63 (8)			
Outdoor unit module			REMA	5A9									
Dimensions	Unit	HeightxWidthxDepth	mm	1,685 x930 x765									
Weight	Unit		kg	213									
Fan	External static pressure	Max.	Pa	78									
Sound power level	Cooling	Nom.	dBA	78.3 (5)									
Sound pressure level	Cooling	Nom.	dBA	56.3 (7)									
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 (10)									

(1)Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m | (2)Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m | (3)The actual number of units depends on the connection ratio (CR) and the restrictions for the system. | (4)Sound power level is an absolute value that a sound source generates. | (5) Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to the sound level drawings. | (6)Refer to refrigerant pipe selection or installation manual | (7)RLA is based on following conditions: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB | (8)MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). | (9)Maximum allowable voltage range variation between phases is 2%. | (10)Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits. | MSC means the maximum current during start up of the compressor. This unit uses only inverter compressors. Starting current is always ≤ max. running current. | In accordance with EN/IEC 61000-3-12, it may be necessary to consult the distribution network operator to ensure that the equipment is connected only to a supply with Ssc ≥ minimum Ssc value | MCA must be used to select the correct field wiring size. The MCA can be regarded as the maximum running current. | Sound values are measured in a semi-anechoic room. | EN/IEC 61000-3-12: European/international technical standard setting the limits for harmonic currents produced by equipment connected to public low-voltage system with input current > 16A and ≤ 75A per phase | Ssc: Short-circuit power | For detailed contents of standard accessories, see installation/operation manual | Multi combination (10~28HP) data is corresponding with the standard multi combination | Air Flow Rate (AFR) of multi outdoor systems is sum of AFR of the individual systems it consists of

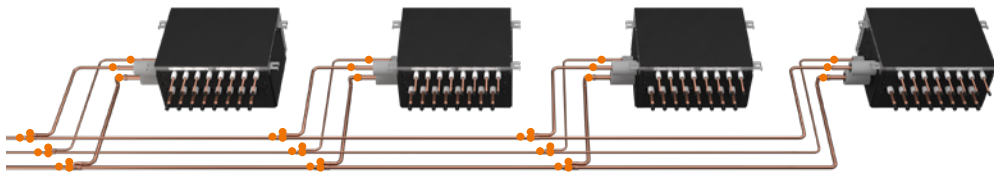
Multi branch selector (BSSV) - for VRV 5 Heat Recovery

Completely redesigned for faster installation
and easier servicing

Easy installation thanks to fewer brazing points

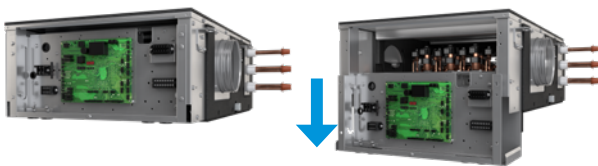


VRV 5: only 24 brazing points and no joint kits



VRV IV+: 39 brazing points and
3 joint kits

Easy servicing in false ceilings thanks to sliding down PCB



- Unique range of multi BS boxes allowing efficient 3-pipe heat recovery
- 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
- Faster 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
- 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	Height	Width	Depth	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				
	Indoor unit	Discharge gas	Type			Brazing connection			
			OD	mm	12.7/15.9/19.1/22.2				
		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 CO₂ equivalent thanks to the use of lower GWP R-32 refrigerant and lower refrigerant charge
- Single component refrigerant, easy to re-use and recycle
- Greatest sustainability over the entire lifecycle, thanks to market leading real-life seasonal efficiency
- Tackle small room applications without any additional measures, thanks to Shīrudo Technology
- Specially designed indoor units for R-32, ensuring low sound and maximum efficiency
- 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 ampos (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 S-series

Lower CO₂ equivalent and market-leading flexibility

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



5 low sound steps



Flexibility to take care of every room



Environmental product declaration available



RXYS-AV1



RXYS-AY1

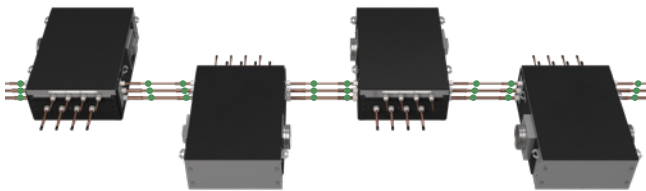
Outdoor unit		RXYS	4AV1	5AV1	6AV1	4AY1	5AY1	6AY1	8A	10A	12A
Capacity range		HP	4	5	6	4	5	6	8	10	12
Cooling capacity	Prated,c	kW	12.1	14.0	15.5	12.1	14.0	15.5	22.4	28.0	33.5
Heating capacity	Prated,h	kW	12.1	14.0	15.5	12.1	14.0	15.5	22.4	28.0	33.5
	Max.	kW	14.2	16.0	18.0	14.2	16.0	18.0	25.0	31.5	37.5
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	-5~46						-5~52		
	Heating	Max °C	-20~16						-20~15.5		
Refrigerant	Type/GWP		R-32/675.0						R-32/675.0		
	Charge	kg/tCO2eq	3.40/2.30						5.2/3.51	7/4.73	7.1/4.79
Piping connections	Liquid OD	mm	9.52						9.5		12.7
	Gas OD	mm	15.9						19.1		22.2
	H/P/LP gas OD	mm									
	Tot. pip. length	Sys. actual	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

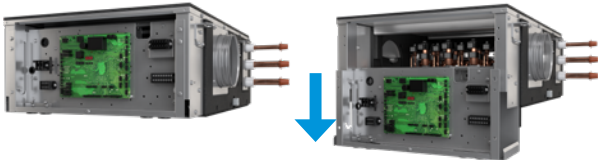
Optional shut off valve box (SV)

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 combining 2 ports on multi SV box



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	Height	Width	Depth	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

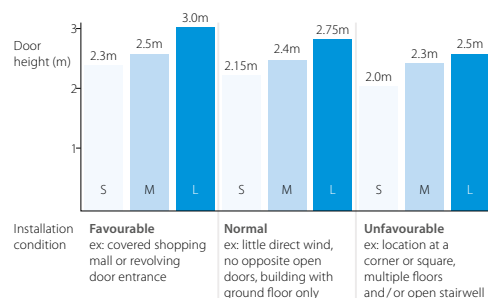
Capacity class (kW)

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	 FXFA-A			•	•	•	•	•	•		•	•	•			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	FXZA-A		•	•	•	•	•	•								
	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 developed for small or well-insulated rooms • Reduced energy consumption thanks to DC fan motor	FXDA-A	•	•	•	•	•	•	•	•							Auto cleaning filter option
	Concealed ceiling unit with medium ESP Slimmest yet most powerful 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		•	•	•	•	•	•	•		•	•	•	•		
	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 developed for small or 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	Concealed floor standing unit Ideal for installation in offices, hotels and residential applications • Discreetly 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

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

Biddle air curtains

Type	Product name	Model
Free-hanging	CYA-S/M/L-DK-F	 Easy wall mounted installation • Connectable to ERQ and VRV units • Unified range for R-32 and R-410A refrigerant • Payback period of less than 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 than 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 than 1.5 years compared to installing an electric air curtain



VRV 5 indoor unit

benefit overview

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

● standard ○ optional

- (1) Must be combined with Madoka wired remote controller.
 (2) Pre filter
 (3) A Madoka remote controller 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



Round flow cassette



Fully flat cassette



Concealed floor standing unit

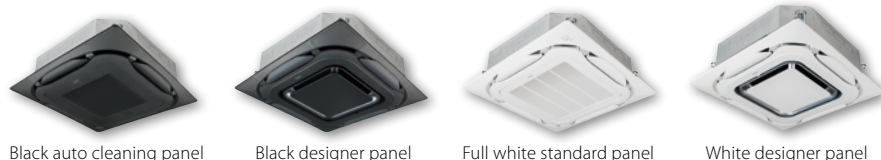
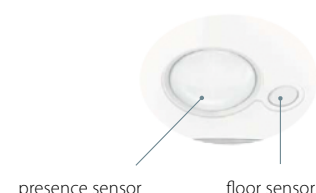
Introduction	Residential indoor air quality	Heating	Split	Sky Air	Rooftop	VRV	Commercial Ventilation & Air purification	Marine Industry	Chillers	Fan coil units	Air handling units	Commercial & Transport Refrigeration	Control systems
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Complete indoor comfort, including pure air

The round flow cassette

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



- **Auto cleaning panel** keeps the filter free of dust for maximum efficiency
- **UV streamer kit**
 - 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



99.9%

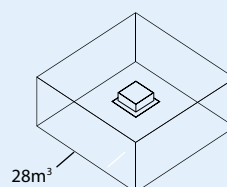
of viruses removed in 30 minutes,
thanks to Daikin's unique

Catch & Clean approach

Tested at Intertek

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

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



Tested according to
real life sized room



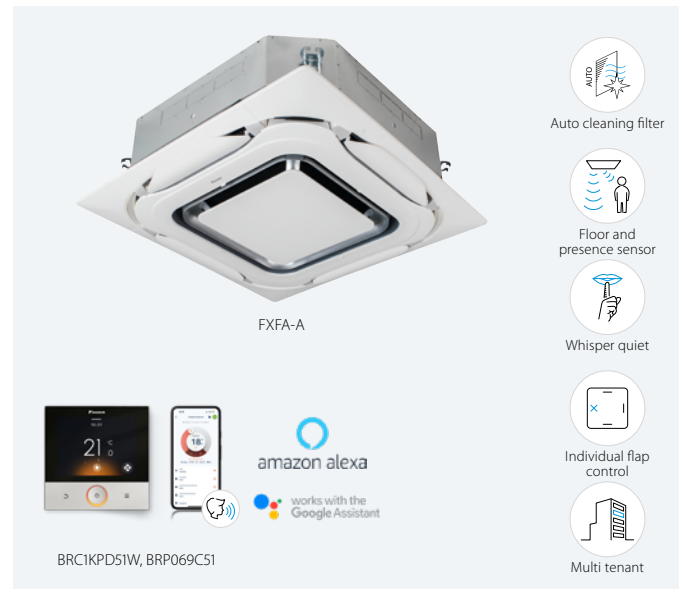
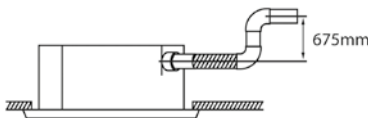
View full
test report:



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 hygienic indoor environment
- Optional fresh air intake
- Standard drain pump with 675mm lift increases flexibility and installation speed



FXFA-A

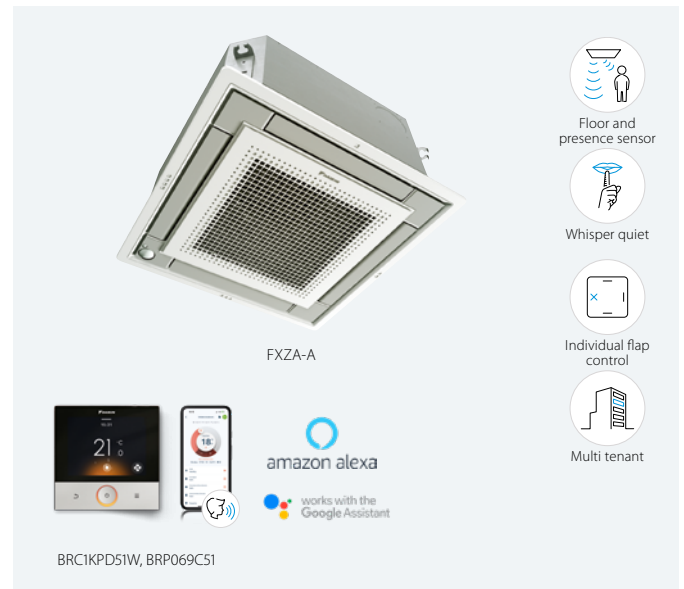
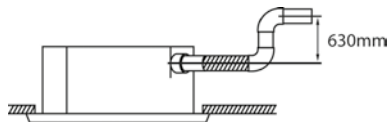
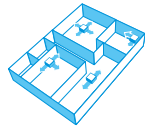
Indoor Unit				FXFA	20A	25A	32A	40A	50A	63A	80A	100A	125A
Cooling capacity	Total capacity	At high fan speed		kW	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00
Heating capacity	Total capacity	At high fan speed		kW	2.50	3.20	4.00	5.00	6.30	8.00	10.00	12.50	16.00
Power input - 50Hz	Cooling	At high fan speed		kW	0.017(1)			0.018(1)	0.023(1)	0.028(1)	0.045(1)	0.078(1)	0.103(1)
	Heating	At high fan speed		kW	0.017(1)			0.018(1)	0.023(1)	0.028(1)	0.045(1)	0.078(1)	0.103(1)
Dimensions	Unit	HeightxWidthxDepth		mm	204x840x840						246x840x840		288x840x840
Weight	Unit			kg	18			19	21		24		26
Casing	Material			Galvanised steel plate									
Decoration panel	Model	BYCQ140E2W1/BYCQ140E2W1W/BYCQ140E2W1B											
	Dimensions	HeightxWidthxDepth		mm	65x950x950								
	Weight			kg	5.5								
Decoration panel 2	Model	BYCQ140E2GFW1/BYCQ140E2GFW1B											
	Dimensions	HeightxWidthxDepth		mm	148x950x950								
	Weight			kg	10.3								
Decoration panel 3	Model	BYCQ140E2P/BYCQ140E2PB											
	Dimensions	HeightxWidthxDepth		mm	106x950x950								
	Weight			kg	6.5								
Fan	Air flow rate - 50Hz	Cooling	At high/medium high/medium/medium low/low fan speed	m³/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	m³/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									
Piping connections	Liquid	OD	mm				6					10	
	Gas	OD	mm	9.52						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	6								
Control systems	Infrared remote control			BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB									
	Wired remote control			BRC1H52W/S/K									

(1) Values are valid for the factory setting. | Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB | Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB | The sound power level is an absolute value indicating the power which a sound source generates. | Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits. | Maximum allowable voltage range variation between phases is 2%. | MCA/MFA: MCA = 1.1 x FLA | Instead of a fuse, use a circuit breaker | Select wire size based on the value of MCA | BYCQ140E2W1: pure white standard panel with grey louvers; BYCQ140E2W1W: pure white standard panel with white louvers; BYCQ140E2W1B: black standard panel with black louvers. | The BYCQ140E2W1W has white insulations. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140E2W1W decoration panel in environments exposed to concentrations of dirt. | Contains fluorinated greenhouse gases

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(1)		0.020(1)	0.019(1)	0.029(1)	0.048(1)	
	Heating	At high fan speed		kW	0.018(1)		0.020(1)	0.019(1)	0.029(1)	0.048(1)	
Dimensions	Unit	HeightxWidthxDepth			mm						
Weight	Unit				kg			260x575x575			
Casing	Material				kg			15.5		16.5	18.5
Decoration panel	Model				Galvanised steel plate						
	Colour				BYFQ60C4W1W						
	Dimensions	HeightxWidthxDepth			mm						
	Weight				kg						
Decoration panel 2	Model				White (N9.5)						
	Colour				BYFQ60C4W1S						
	Dimensions	HeightxWidthxDepth			mm						
	Weight				kg						
Decoration panel 3	Model				2.8						
	Colour				BYFQ60B2W1/See note 2						
	Dimensions	HeightxWidthxDepth			mm						
	Weight				kg						
Decoration panel 4	Model				White (RAL9010)						
	Colour				55x700x700						
	Dimensions	HeightxWidthxDepth			mm						
	Weight				kg						
Fan	Air flow rate - 50Hz	Cooling	At high/medium/low fan speed	m³/min	8.5/7.0/6.5	8.7/7.5/6.5	9.0/8.0/6.5	10.0/8.5/7.0	11.5/9.5/8.0	14.0/12.5/10.0	
		Heating	At high/medium/low fan speed	m³/min	8.5/7.0/6.5	8.7/7.5/6.5	9.0/8.0/6.5	10.0/8.5/7.0	11.5/9.5/8.0	14.0/12.5/10.0	
Air filter	Type				Resinnet						
Sound power level	Cooling	At high fan speed		dBA	49		50	51	54	60	
Sound pressure level	Cooling	At high fan speed/At medium fan speed/At 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 fan speed/At medium fan speed/At 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						
	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)						
Control systems	Wired remote control				BRC1KPD51W, BRC1KPD51K / BRC1H52W7/S7/K7						

(1) Values are valid for the factory setting. | It is necessary to use option ERPS23 (conversion wire harness) for connection of standard panel. | Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB | Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB | Dimensions do not include control box | The sound power level is an absolute value indicating the power which a sound source generates. | Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits. | Maximum allowable voltage range variation between phases is 2%. | MCA/MFA: MCA = 1.1 x FLA | Instead of a fuse, use a circuit breaker | Select wire size based on the value of MCA | 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 modern decoration panel
- 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	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	0.026		0.039	0.047	0.073	0.118	
	Heating	At high fan speed	kW	0.034		0.039	0.047	0.073	0.118	
Required ceiling void >			mm	260						
Dimensions	Unit	HeightxWidthxDepth	mm	200x840x470			200x1,240x470			
Weight	Unit		kg	18		19	24			
Casing	Material	Galvanised steel								
Decoration panel	Model	BYK32GJW1								
	Colour	Fresh White								
	Dimensions	HeightxWidthxDepth	mm	80x950x550			80x1,350x550			
	Weight		kg	8			10			
Fan	Air flow rate - 50Hz	Cooling	At high/medium/low fan speed	m³/min	7.5/6.3/5		9.4/8.5/7.6	14.4/12.6/11.1	17.6/14.4/12.6	21.5/17.6/14.4
		Heating	At high/medium/low fan speed	m³/min	8.6/7.3/5.8		9.4/8.5/7.6	14.4/12.6/11.1	17.6/14.4/12.6	21.5/17.6/14.4
Air filter	Type	Removable/washable								
Sound power level	Cooling	At high fan speed/At medium fan speed/At low fan speed	dBA	46/43.5/41		50.5/48.5/46.5	52.5/50/48	57/52.5/50	61.5/57/52.5	
Sound pressure level	Cooling	At high fan speed/At medium fan speed/At low fan speed	dBA	32/27.5/22.5		37/34/31.5	38.5/34.5/31.5	42/38/34.5	48.5/43.5/38.5	
	Heating	At high fan speed/At medium fan speed/At low fan speed	dBA	36/31/25.5		39/35.5/32.5	39.5/36/32.5	44/39.5/36	49/44/39.5	
Refrigerant	Type/GWP	R-32/675								
Piping connections	Liquid	OD	mm	6.4						
	Gas	OD	mm	9.5		12.7				
	Drain			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	Wired remote control			BRC1KPD51W, BRC1KPD51K / BRC1H52W7/S7/K7						

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. | Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. | The sound power level is an absolute value indicating the power which a sound source generates. | Instead of a fuse, use a circuit breaker | Select wire size based on the value of MCA



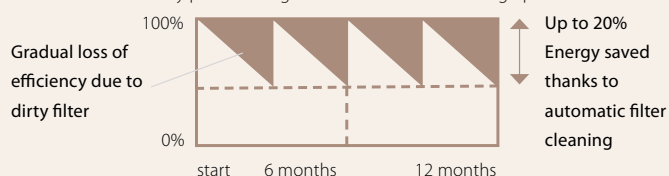
Auto cleaning filter for concealed ceiling units

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

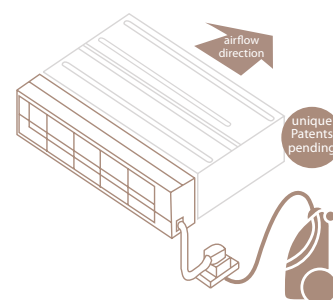
- Optimum airflow eliminates draft and insulates sound

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?

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

Holiday Inn Express case study video:



Combination table

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

Specifications

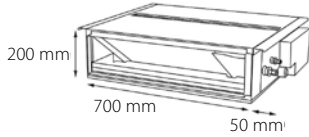
	BAE20A62	BAE20A82	BAE20A102
Height (mm)		210	
Width (mm)	830	1,030	1,230
Depth (mm)		188	

Slim concealed ceiling unit

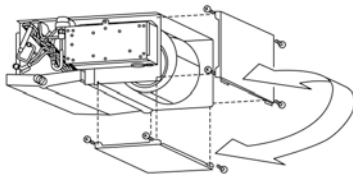
Slim design for flexible installation

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

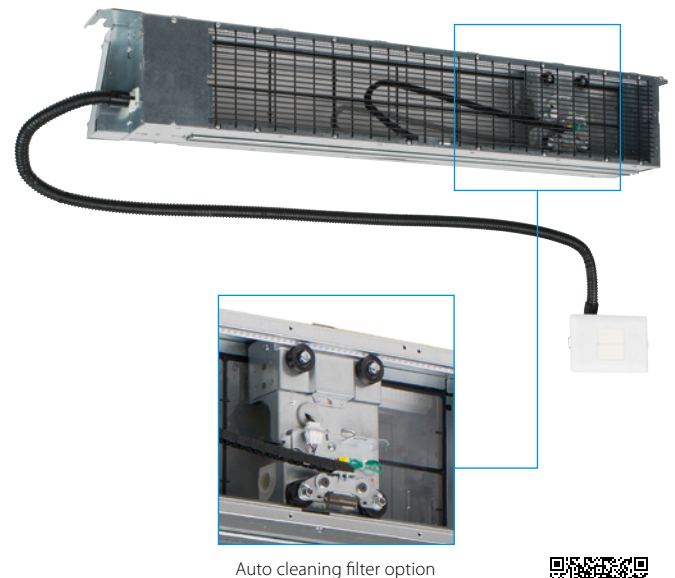
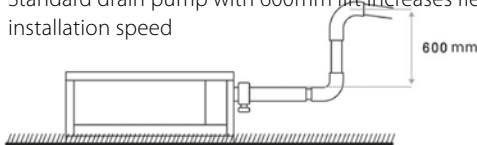
Serie A (15, 20, 25, 32)



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



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



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(1)	0.035(1)	0.030(1)		0.035(1)	0.038(1)	0.049(1)	0.058(1)
	Heating	At high fan speed		kW	0.026(1)	0.035(1)	0.030(1)		0.035(1)	0.038(1)	0.049(1)	0.058(1)
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	m³/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	m³/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				BRC1KPD51W, BRC1KPD51K / BRC1H52W7/S7/K7							

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

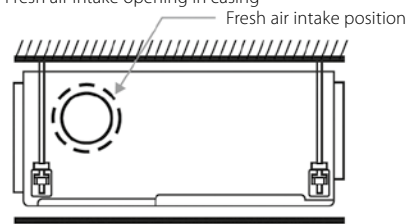
Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

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

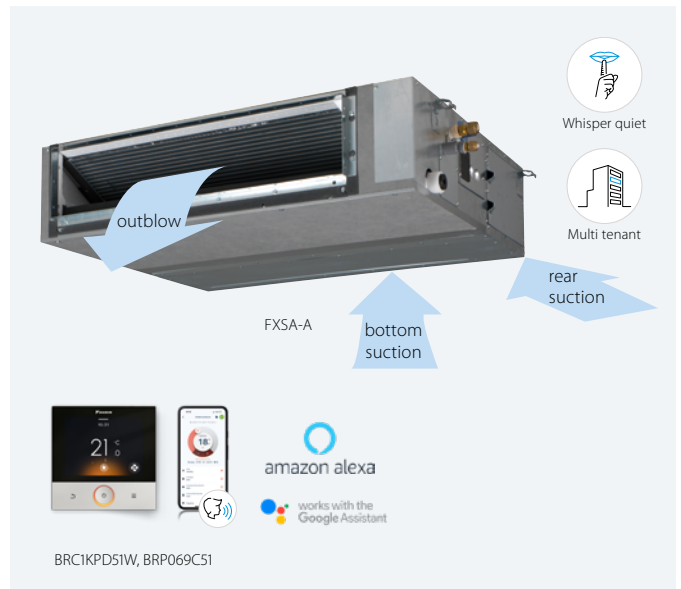
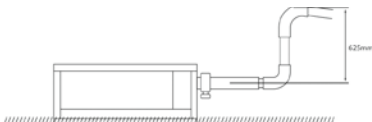


- Quiet operation: down to 25dBA sound pressure level
- Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Discretely concealed in the wall: only the suction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



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

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



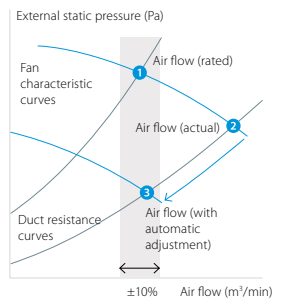
Automatic Airflow

Adjustment function

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

Why?

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



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(1)			0.049(1)	0.094(1)	0.096(1)	0.106(1)	0.143(1)	0.176(1)	0.216(1)	0.272(1)	
	Heating	At high fan speed		kW	0.046(1)			0.049(1)	0.094(1)	0.096(1)	0.106(1)	0.143(1)	0.176(1)	0.216(1)	0.272(1)	
Dimensions	Unit	HeightxWidthxDepth		mm	245x550x800			245x700x800			245x1,000x800		245x1,400x800		245x1,550x800	
Weight	Unit			kg	23.5			24.0	28.5	29.0	35.5	36.5	46.0	47.0	51.0	
Casing	Material			Galvanised steel plate												
Fan	Air flow rate - 50Hz	Cooling	At high/medium/low fan speed	m³/min	8.7/7.5/6.5	9.0/7.5/6.5		9.5/8.0/7.0	15.0/12.5/11.0	15.2/12.5/11.0	21.0/18.0/15.0	23.0/19.5/16.0	32.0/27.0/23.0	36.0/31.5/26.0	39.0/34.0/28.0	
		Heating	At high/medium/low fan speed	m³/min	8.7/7.5/6.5	9.0/7.5/6.5		9.5/8.0/7.0	15.0/12.5/11.0	15.2/12.5/11.0	21.0/18.0/15.0	23.0/19.5/16.0	32.0/27.0/23.0	36.0/31.5/26.0	42.5/34.0/28.0	
	External static pressure - 50Hz	Factory set/High		Pa	30/150						40/150		50/150			
Air filter	Type			Resin net												
Sound power level	Cooling	At high fan speed		dBA	54			55	60		59	61		64		
Sound pressure level	Cooling	At high/medium/low fan speed		dBA	29.5/28.0/25.0	30.0/28.0/25.0		31.0/29.0/26.0	35.0/32.0/29.0		33.0/30.0/27.0	35.0/32.0/29.0	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								10			
	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			BRC1KPD51W, BRC1KPD51K / BRC1H52W7/S7/K7												

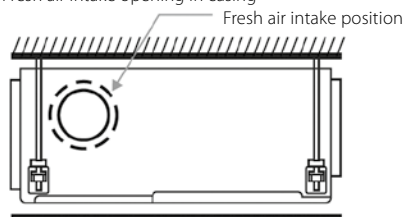
(1) Must be combined with Madoka wired remote controller | Contains fluorinated greenhouse gases

Concealed ceiling unit with high ESP

Ideal for large sized spaces ESP up to 250 Pa

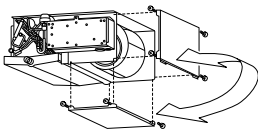
- Optimised design for R-32 refrigerant
- High external static pressure up to 250Pa facilitates extensive duct and grille network
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Discretely concealed in the wall: only the suction and discharge grilles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

Fresh air intake opening in casing

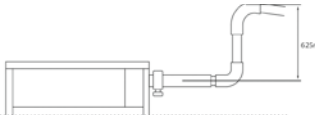


* Brings in up to 10% of fresh air into the room

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



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



- Large capacity unit: up to 31.5 kW heating capacity



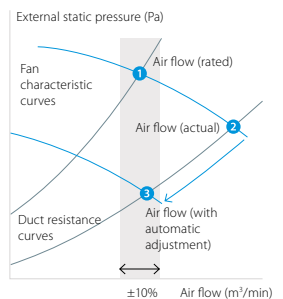
Automatic Airflow Adjustment function

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

Why?

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

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



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	-
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	-
Power input - 50Hz	Cooling	At high fan speed		kW	0.125	0.14	0.198	0.191	0.254	0.54	0.65
	Heating	At high fan speed		kW	0.125	0.14	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	75.0/74.0/72.0	76.0/75.0/73.0
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	48.0/46.5/45.0	
	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	48.0/46.5/45.0	
Refrigerant	Type/GWP				R-32/675						
Piping connections	Liquid	OD		mm	6.35			9.52		9.5	
	Gas	OD		mm	12.7			15.9		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				BRC1KPD51W, BRC1KPD51K / BRC1H52W7/S7/K7						

Contains fluorinated greenhouse gases

Wall mounted unit

For rooms with no false ceilings nor free floor space

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



FXAA-A

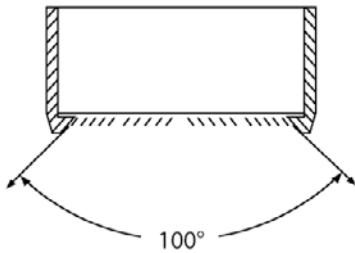
Indoor Unit				FXAA	15A	20A	25A	32A	40A	50A	63A	
Cooling capacity	Total capacity	At high fan speed		kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1	
Heating capacity	Total capacity	At high fan speed		kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0	
Power input - 50Hz	Cooling	At high fan speed		kW	0.017	0.019	0.028	0.030	0.025	0.033	0.050	
	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	m³/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	m³/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						
	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				BRC1KPD51W, BRC1KPD51K / BRC1H52W7/S7/K7							

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

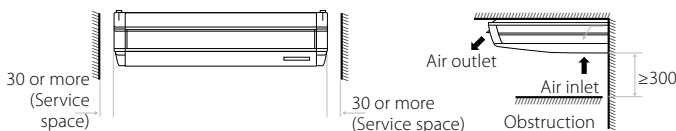
Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

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



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



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



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

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



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	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	m³/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	m³/min	12.5/11.0/10.0	16.0/14.0/12.5	17.5/15.0/13.0	27.0/22.0/19.0
Air filter	Type				Resin net			
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				BRC1KPD51W, BRC1KPD51K / BRC1H52W7/S7/K7			

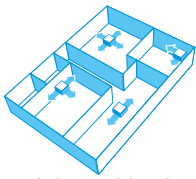
Contains fluorinated greenhouse gases



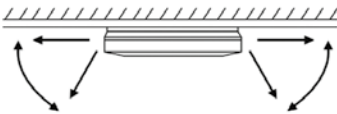
4-way blow ceiling suspended unit

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

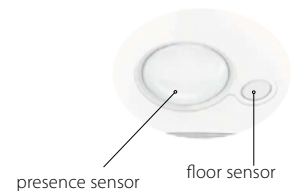
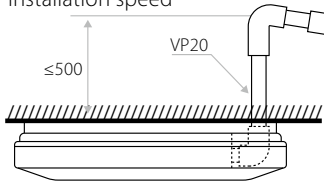
- Optimised design for R-32 refrigerant
- Even rooms with ceilings up to 3.5m can be heated up or cooled down very easily without capacity loss
- Can easily be installed in both new and refurbishment projects
- Two optional intelligent sensors improve energy efficiency and comfort
- Individual flap control: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



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



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



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	m³/min	17.0/14.5/13.0		22.5/18.5/16.0		31.0/25.5/21.0	
		Heating	At high/medium/low fan speed	m³/min	17.0/14.5/13.0		22.5/18.5/16.0		31.0/25.5/21.0	
Air filter	Type				Resinnet					
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	6.4				9.5	
	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				BRC1KPD51W, BRC1KPD51K / 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



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.

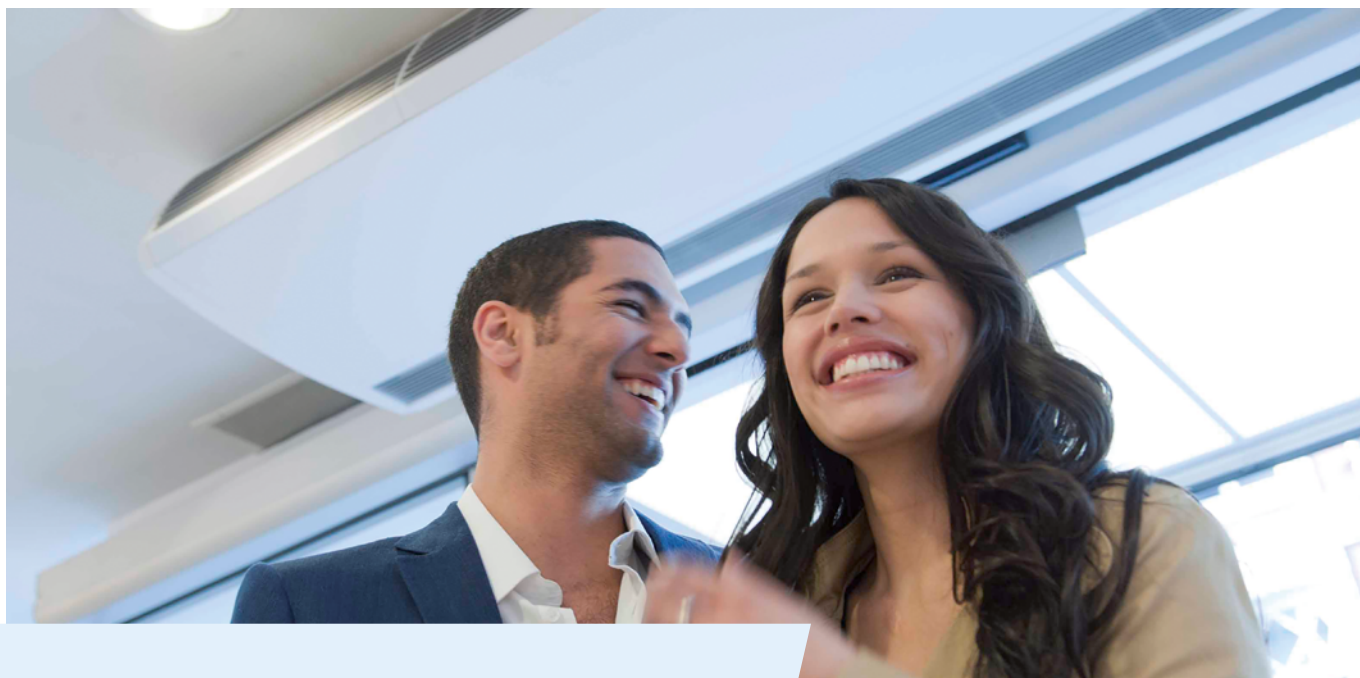
However, with Daikin, this is no longer a limitation. By uniquely integrating the integral circulation airflow principle into our advanced Shīrudo technology, our floor standing models offer the same installation flexibility as wall mounted and cassette units.



FXNA-A

Indoor Unit				FXNA	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	0.051			0.069	0.087	0.108
	Heating	At high fan speed		kW	0.051			0.069	0.087	0.108
Dimensions	Unit	HeightxWidthxDepth		mm	620x790x200			620x990x200		620x1,190x200
Weight	Unit	23.5						27.5		32
Casing	Material	Galvanised steel								
Fan	Air flow rate - 50Hz	Cooling	At high/medium/low fan speed	m³/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	m³/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		10/42	15/52	15/59	15/55
Air filter	Type	Removable/washable								
Sound power level	Cooling	At high/medium/low fan speed		dBA	49/47.5/46	51/49.5/48	52.5/51/49.5	51.5/49.5/47.5	55.5/53.5/51.5	54.5/52.5/50.5
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						
	Gas	OD	mm	9.52		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	6					
Control systems	Wired remote control			BRC1KPD51W, BRC1KPD51K / BRC1H52W7/S7/K7						

Contains fluorinated greenhouse gases

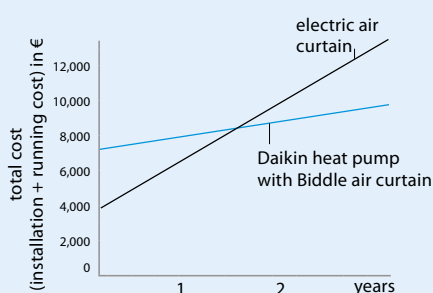


Biddle air curtains

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 than 1.5 years compared to installing an electric air curtain



3 different models to choose from:



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

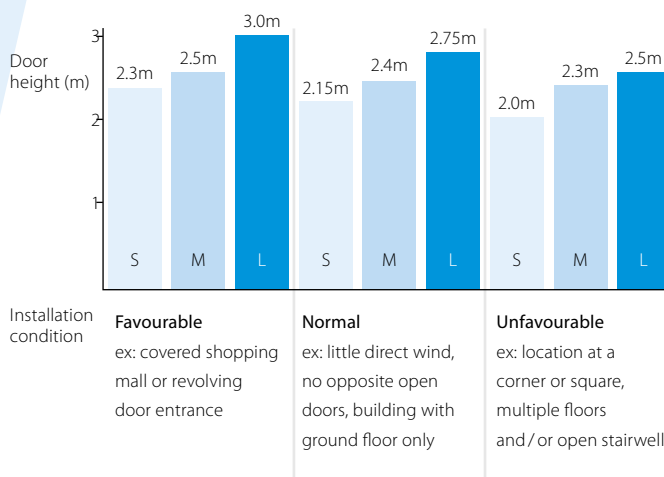


Cassette model (C):
mounted into a false ceiling leaving only the decoration panel visible

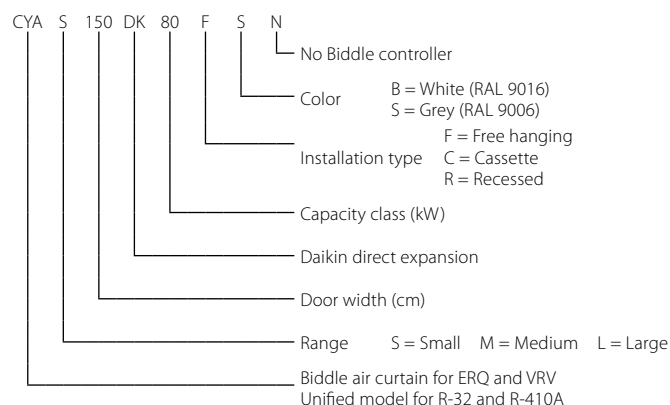


Recessed model (R):
neatly concealed in the ceiling

Select your Biddle air curtain range



Biddle air curtain nomenclature



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



CYA

Indoor Unit				CYA	100DK80FB	150DK80FB	200DK100FB	250DK140FB	100DK80FB	150DK80FB	200DK100FS	250DK140FB	100DK125FB	150DK200FB	
Heating capacity	Speed 3			kW	6.94	8.6	10.9	15.2	8.65	10.5	12.5	18.6	14.4	21.5	
Power input	Fan only	Nom.		kW	0.1426	0.2139	0.28	0.36	0.27	0.4	0.53	0.67	0.48	0.7245	
	Heating	Nom.		kW	0.1426	0.2139	0.28	0.36	0.27	0.4	0.53	0.67	0.48	0.7245	
Delta T	Speed 3			K	17.7	14.6	13.9	15.5	16	12.9	12.7	13.8		13.7	
Casing	Colour				RAL9016						RAL9006		RAL9016		
Dimensions	Unit	HeightxWidthxDepth			mm	270 x1,000 x590	270 x1,500 x590	270 x2,000 x590	270 x2,500 x590	270 x1,000 x590	270 x1,500 x590	270 x2,000 x590	270 x2,500 x590	370 x1,000 x774	370 x1,500 x774
	Required ceiling void >				mm	-									
Door height	Max.			m	2.3				2.5				3		
Door width	Max.			m	1	1.5	2	2.5	1	1.5	2	2.5	1	1.5	
Weight	Unit			kg	56	66	83	107	57	73	94	108	76	100	
Fan	Air flow rate	Heating	Speed 3	m³/h	1,164	1,746	2,328	2,910	1,605	2,408	2,910	4,013	3,100	4,650	
Sound pressure level	Heating	Speed 3		dBA	47	49	50	51	50	51	53	54	53	54	
Refrigerant	Type/GWP				R32/R410A/-										
	Control				Electronic expansion valve										
Piping connections	Liquid/ Gas	OD		mm	6.35/12.7		9.52/15.9		6.35/12.7		9.52/15.9			9.52/19.1	
Required accessories (should be ordered separately)					-										
Power supply					V	230									

Indoor Unit				CYA	200DK250FB		250DK250FB	
Heating capacity	Speed 3			kW	27.6		29.7	
Power input	Fan only	Nom.		kW	0.96		1.2	
	Heating	Nom.		kW	0.96		1.2	
Delta T	Speed 3			K	13.2		11.4	
Casing	Colour			RAL9016				
Dimensions	Unit	HeightxWidthxDepth		mm	370 x2,000 x774		370 x2,500 x774	
Required ceiling void >				mm	-			
Door height	Max.			m	3			
Door width	Max.			m	2		2.5	
Weight	Unit			kg	126		157	
Fan	Air flow rate	Heating	Speed 3	m³/h	6,200		7,750	
Sound pressure level	Heating	Speed 3		dBA	56		57	
Refrigerant	Type/GWP			R32/R410A/-				
	Control			Electronic expansion valve				
Piping connections	Liquid/ Gas	OD		mm	9.52/19.1			
Required accessories (should be ordered separately)				-				
Power supply				V	230			



CO₂ VRV

The low GWP solution

- Portfolio
- RXYN-B | CO₂ VRV heat pump
- FXFN-B | CO₂ VRV Round Flow cassette
- FXSN-B | CO₂ VRV Concealed ceiling unit

NEW

NEW

NEW

472

473

474

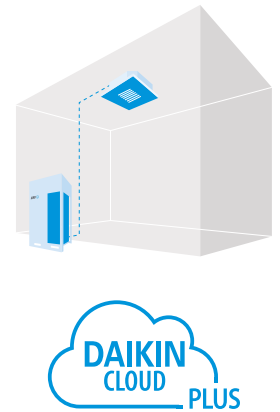
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Benefits of CO₂

- Using so-called natural refrigerant CO₂
- Low GWP value of 1, making it one of the most sustainable refrigerants
- Classified as non-flammable (A1), simplifying system design

Benefits of CO₂ VRV

- Enabling you to tackle projects requesting so-called “natural” refrigerants
- Maximise your BREEAM / LEED refrigerant score, thanks to the low GWP of 1
 - BREEAM V7: 3 of 3 credits in Pollution 01
 - LEED V5: 2 of 2 points in Enhanced Refrigerant Management
- 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



CO₂ VRV installation example for supermarket

CO₂ VRV outdoor unit overview

Capacity class (HP)

Model	10
Cooling Capacity	28.0
Heating Capacity	31.5
Air-cooled heat pump NEW CO₂ VRV - The low GWP solution - Using so-called natural refrigerant CO₂ - Low GWP of 1 - Non-flammable (A1) refrigerant	 RXYN-B

CO₂ 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 - Widest choice ever in decoration panel designs and colors	 FXFN-B 				
Concealed ceiling unit with medium ESP	NEW Concealed ceiling unit with medium ESP - Slimmest yet most powerful medium static pressure unit on the market! - Slimmest unit in class, only 245mm - Low operating sound level - Medium external static pressure up to 120Pa 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

(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

The low GWP solution

- Using the so-called natural refrigerant CO₂ (R-744)
- With a low GWP of 1, CO₂ 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



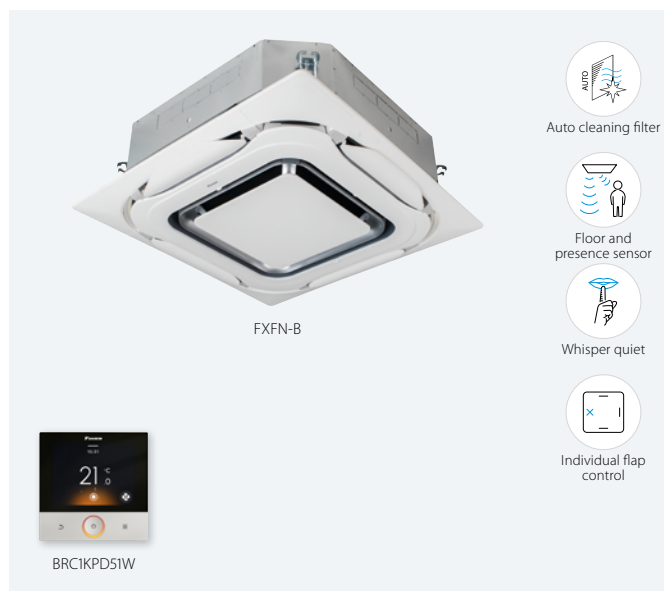
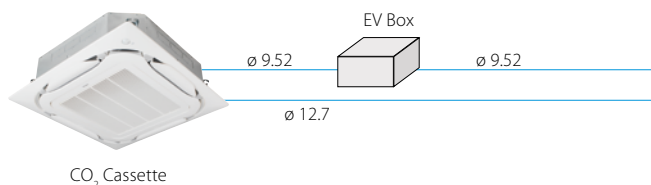
RXYN-B

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	tCO ₂ eq/ kg	0
Piping connections	Liquid OD	mm	9.52
	Gas OD	mm	15.9
	Tot. pip. length	Sys. actual	300
Power supply	Phase/Freq./ Voltage	Hz/V	3N~/50/380~415
Current - 50Hz	Max. fuse amps (MFA)	A	40

Round flow cassette

360° air discharge for optimum efficiency and comfort

- Optimised design for CO₂ 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!
- Optional fresh air intake
- Standard drain pump with 675mm lift increases flexibility and installation speed



FXFN-B

Indoor Unit				FXFN	40B	50B	63B	80B
Cooling capacity	Total capacity	At high fan speed		kW	4.5	5.6	7.1	9.0
Heating capacity	Total capacity	At high fan speed		kW	5.0	6.3	8.0	10.0
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				Galvanized steel plate			
Decoration panel	Model				BYCQ140E2W1/BYCQ140E2W1W/BYCQ140E2W1B			
	Dimensions			HeightxWidthxDepth	mm	65x950x950		
	Weight				kg	5.5		
Decoration panel 2	Model				BYCQ140E2GFW1 / BYCQ140E2GFW1B			
	Dimensions			HeightxWidthxDepth	mm	148x950x950		
	Weight				kg	10.3		
Decoration panel 3	Model				BYCQ140E2P / BYCQ140E2PB			
	Dimensions			HeightxWidthxDepth	mm	106x950x950		
	Weight				kg	6.5		
Fan	Air flow rate - 50Hz	Cooling	At high/medium/low fan speed	m³/min	15.5/13.5/11.5	21.0/18.0/15.0	26.8/22.0/18.0	35.5/29.5/23.5
		Heating	At high/medium/low fan speed	m³/min	15.5/13.5/11.5	21.0/18.0/15.0	26.8/22.0/18.0	35.5/29.5/23.5
Air filter	Type				Resin net			
Sound power level	Cooling	At high/medium/low fan speed		dBA	53.0/51.0/49.0	57.0/55.0/53.0	62.0/60.0/58.0	66.0/64.0/62.0
Sound pressure level	Cooling	At high/medium/low fan speed		dBA	35.0/33.0/31.0	39.0/37.0/35.0	44.0/42.0/40.0	48.0/46.0/44.0
	Heating	At high/medium/low fan speed		dBA	36.0/34.0/32.0	40.0/38.0/36.0	45.0/43.0/41.0	49.0/47.0/45.0
Refrigerant	Type/GWP				R-744/1.0			
Piping connections	Liquid	OD		mm	9.52			
	Gas	OD		mm	12.7			
	Drain				VP25 (I.D. 32/O.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 / BRC7FA532FB / BRC7FB532F / BRC7FB532FB			
	Wired remote control				BRC1KPD51W, BRC1KPD51K / BRC1H52W7/S7/K7			

Values are valid for the factory setting. | Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB | Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB | The sound power level is an absolute value indicating the power which a sound source generates. | Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits. | Maximum allowable voltage range variation between phases is 2%. | MCA/MFA: MCA = 1.1 x FLA | Instead of a fuse, use a circuit breaker | Select wire size based on the value of MCA | BYCQ140E2W1: pure white standard panel with grey louvers; BYCQ140E2W1W: pure white standard panel with white louvers; BYCQ140E2W1B: black standard panel with black louvers. | The BYCQ140E2W1W has white insulations. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140E2W1W decoration panel in environments exposed to concentrations of dirt. | Contains fluorinated greenhouse gases

Concealed ceiling unit with medium ESP

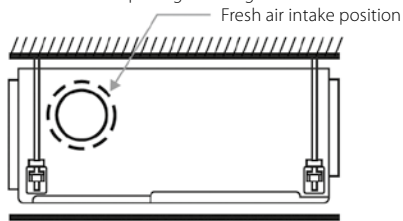
Slimmest yet most powerful medium static pressure unit on the market

- Optimised design for CO₂ refrigerant (R-744)
- Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge



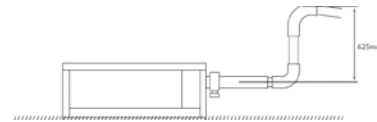
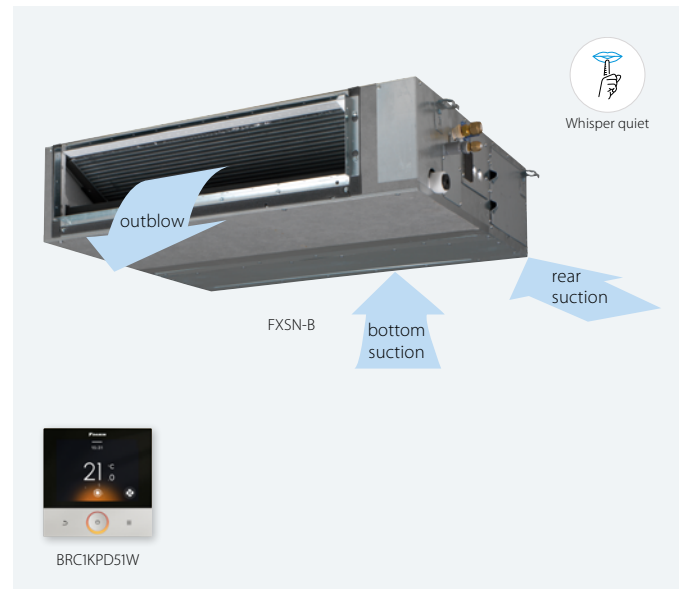
- Medium external static pressure up to 120Pa facilitates using flexible ducts of varying lengths
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Discretely concealed in the wall: only the suction and discharge grilles are visible
- Optional fresh air intake
- Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required
- Standard built-in drain pump with 625mm lift increases flexibility and installation speed

Fresh air intake opening in casing



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

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



Automatic Airflow

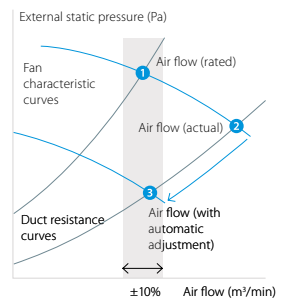
Adjustment function

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

Why?

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

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



FXSN-B

Indoor Unit				FXSN	40B	50B	63B	80B
Cooling capacity	Total capacity	At high fan speed		kW	4.50	5.60	7.10	9.00
Heating capacity	Total capacity	At high fan speed		kW	5.0	6.3	8.0	10.0
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	0.160	0.313
Required ceiling void >				mm	300			
Dimensions	Unit	HeightxWidthxDepth		mm	245x1,000x800		245x1,400x800	
Weight	Unit			kg	40		50	
Casing	Material				Galvanised steel plate			
Fan	Air flow	Cooling	At high/medium/low fan speed	m ³ /min	23.0/19.5/16.0	25.0/20.5/17.0	29.4/25.0/21.1	37.6/32.0/26.9
	rate - 50Hz	Heating	At high/medium/low fan speed	m ³ /min	23.0/19.5/16.0	27.0/22.5/18.0	31.9/27.0/23.1	41.8/35.7/30.3
	External static pressure - 50Hz	Factory set/High		Pa	30/120			40/120
Air filter	Type				Resin net			
Sound power level	Cooling	At high/medium/low fan speed		dBA	61.0/58.5/56.0	63.0/60.5/58.0	61.0/58.5/56.0	66.0/63.5/61.0
Sound pressure level	Cooling	At high/medium/low fan speed		dBA	39.0/36.5/34.0	41.0/38.5/36.0	39.0/36.5/34.0	44.0/41.5/39.0
	Heating	At high/medium/low fan speed		dBA	41.0/38.5/36.0	44.0/41.5/39.0		48.0/45.0/42.0
Refrigerant	Type/GWP				R-744/1.0			
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	6			
Control systems	Infrared remote control				BRC4C65 / BRC4C66			
	Wired remote control				BRC1KPD51W, BRC1KPD51K / BRC1H52W7/S7/K7			

Values are valid for the factory setting. | Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m; level difference: 0m | Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m; level difference: 0m | Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat. | External static pressure is changeable to set by the remote control (from standard to high, see installation manual) | Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits. | Maximum allowable voltage range variation between phases is 2%. | MCA/MFA: MCA = 1.1 x FLA | Instead of a fuse, use a circuit breaker | Select wire size based on the value of MCA | Contains fluorinated greenhouse gases



VRV IV **LOOP** BY DAIKIN

▪ Outdoor units	478
- Replacement series	478
- Water-cooled series	482
- Cold climate series	486
- Invisible series	488
- Heat recovery	490
- Heat pump	492
- S-series	493
▪ Indoor units	494
- VRV indoor units	494
- Hot water hydroboxes	504

Supporting a circular economy of refrigerants



Towards a circular economy of refrigerants

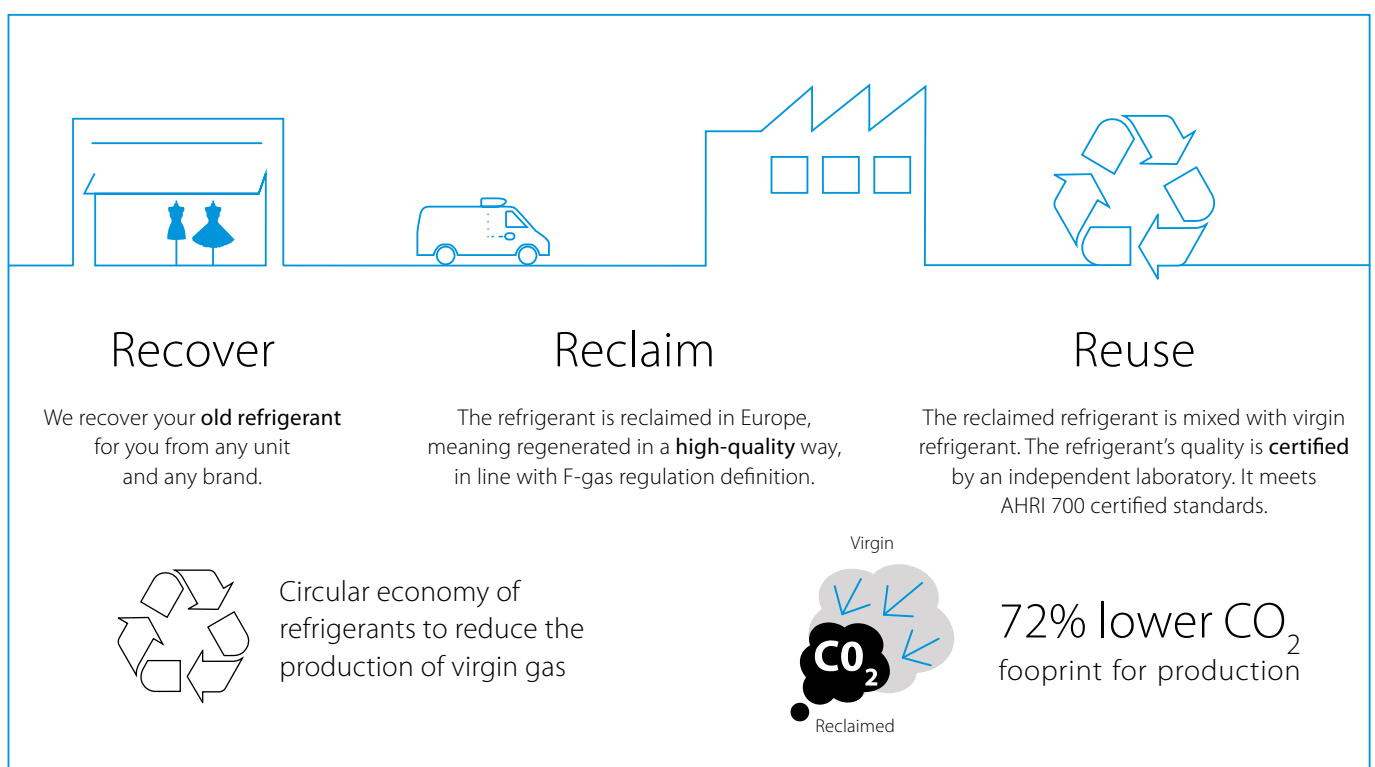
With L∞P by Daikin we want to step away from producing more waste. Instead we will reuse what is already available, in a qualitative way.

- Avoid the production of virgin refrigerant
- Greatly **reduces the CO₂ 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





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)

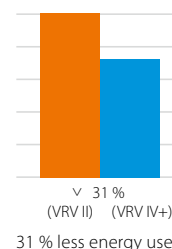


Daikin's solution

- 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





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.

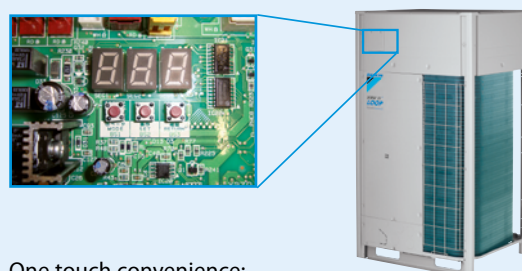
	VRV-Q, keeping indoor units	VRV-Q, replacing indoor units	Completely new installation with VRV 5
Remove outdoor unit	21 %	21 %	21 %
Install new outdoor unit	14 %	14 %	14 %
Clean cooling circuit and leak test	14 %	14 %	14 %
Remove indoor units	–	8 %	8 %
Remove refrigerant pipes and other tasks	–	–	8 %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



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 System Actual length		m	300							
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400						
Current - 50Hz	Maximum fuse amps (MFA)			A	30	50	60	80		90	
Outdoor unit module				RQEQ-P3	140P3		180P3		212P3		
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x635x765						
Weight	Unit			kg	175		179				
Fan	Air flow rate	Cooling	Nom.	m³/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



Replacement VRV, heat pump



RQYQ-P



RXYQQ-U



RXYQQ8-12U

LOOP
BY DAIKIN

 For units made
and sold in Europe*

Outdoor unit		RXYQQ	RQYQ140P	8U	10U	12U	14U	16U	18U	20U
Capacity range	HP	5	8	10	12	14	16	18	20	
Cooling capacity	Prated,c	kW	14.0	22.4	28.0	33.5	40.0	45.0	50.4	52.0
Heating capacity	Prated,h	kW	16.0	22.4	28.0	33.5	40.0	45.0	50.4	56.0
	Max. 6°CWB	kW	-	25.0	31.5	37.5	45.0	50.0	56.5	63.0
Recommended combination		4 x FXSQ32A2VEB 4 x FXFQ508BVEB 4 x FXFQ638BVEB 6 x FXFQ508BVEB 1 x FXFQ508BVEB + 5 x FXFQ638BVEB 4 x FXFQ638BVEB + 2 x FXFQ808BVEB 3 x FXFQ508BVEB + 5 x FXFQ638BVEB 2 x FXFQ508BVEB + 6 x FXFQ638BVEB								
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	5.9	5.9	
SCOP		-	4.3	4.1	4.0	4.2	4.0	4.0	4.0	
Maximum number of connectable indoor units		10	64	64	64	64	64	64	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	1,685x930x765	1,685x930x765	1,685x930x765	1,685x930x765	1,685x930x765	
Weight	Unit	kg	175	198	275	308	308	308	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
Sound pressure level	Heating	Prated,h - According to ENER LOT21	dBA	-79	79.6--	80.9--	83.5--	83.1--	86.5--	85.3--
	Cooling	Nom.	dBA	-	57.0	61.0	60.0	63.0	62.0	65.0
Operation range	Cooling	Min.~Max.	°CDB	-5~43	-5~43	-5~43	-5~43	-5~43	-5~43	-5~43
	Heating	Min.~Max.	°CWB	-20~15.5	-20~15.5	-20~15.5	-20~15.5	-20~15.5	-20~15.5	-20~15.5
Refrigerant		Type/GWP	R-410A/2,087.5							
Piping connections	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
	Liquid	OD	mm	9.52	12.7	15.9	19.1	22.2	25.4	28.6
	Gas	OD	mm	15.9	19.1	22.2	25.4	28.6	31.8	34.9
	Total piping length	System Actual	m	300	300	300	300	300	300	300
Power supply	Phase/Frequency/Voltage	Hz/V	3~/50/380-415	3~/50/380-415	3~/50/380-415	3~/50/380-415	3~/50/380-415	3~/50/380-415	3~/50/380-415	3~/50/380-415
Current - 50Hz	Maximum fuse amps (MFA)	A	15	20	25	32	40	50	63	80

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		-										
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 FXFQ508BVEB + 4 x FXFQ638BVEB 4 x FXFQ508BVEB + 7 x FXFQ638BVEB 4 x FXFQ508BVEB + 5 x FXFQ638BVEB 6 x FXFQ508BVEB + 4 x FXFQ638BVEB 6 x FXFQ508BVEB + 2 x FXFQ808BVEB 6 x FXFQ508BVEB + 9 x FXFQ638BVEB 6 x FXFQ508BVEB + 5 x FXFQ638BVEB 6 x FXFQ508BVEB + 2 x FXFQ808BVEB 6 x FXFQ508BVEB + 3 x FXFQ638BVEB 6 x FXFQ508BVEB + 2 x FXFQ808BVEB 6 x FXFQ508BVEB + 10 x FXFQ638BVEB 6 x FXFQ508BVEB + 10 x FXFQ638BVEB 6 x FXFQ508BVEB + 9 x FXFQ638BVEB 6 x FXFQ508BVEB + 12 x FXFQ638BVEB 6 x FXFQ508BVEB + 4 x FXFQ808BVEB											
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	6.3	6.3	6.9	6.7	6.6
SCOP			4.4	4.3	4.2	4.3	4.2	4.1	4.1	4.1	4.3	4.2	4.2
Maximum number of connectable indoor units			64	64	64	64	64	64	64	64	64	64	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	22.2	25.4	28.6	31.8	34.9	38.1	41.3
Piping connections	Gas	OD	mm	28.6	34.9	41.3	47.6	53.9	60.2	66.5	72.8	79.1	85.4
	Total piping length	System Actual	m	300	300	300	300	300	300	300	300	300	300
Power supply	Phase/Frequency/Voltage	Hz/V	3~/50/380-415	3~/50/380-415	3~/50/380-415	3~/50/380-415	3~/50/380-415	3~/50/380-415	3~/50/380-415	3~/50/380-415	3~/50/380-415	3~/50/380-415	3~/50/380-415
Current - 50Hz	Maximum fuse amps (MFA)	A	63	80	100	125	150	175	200	225	250	275	300

(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

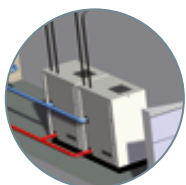
* EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland



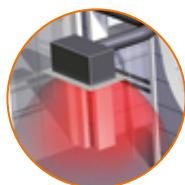
Water-cooled series

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

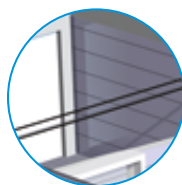
Components:



Outdoor unit



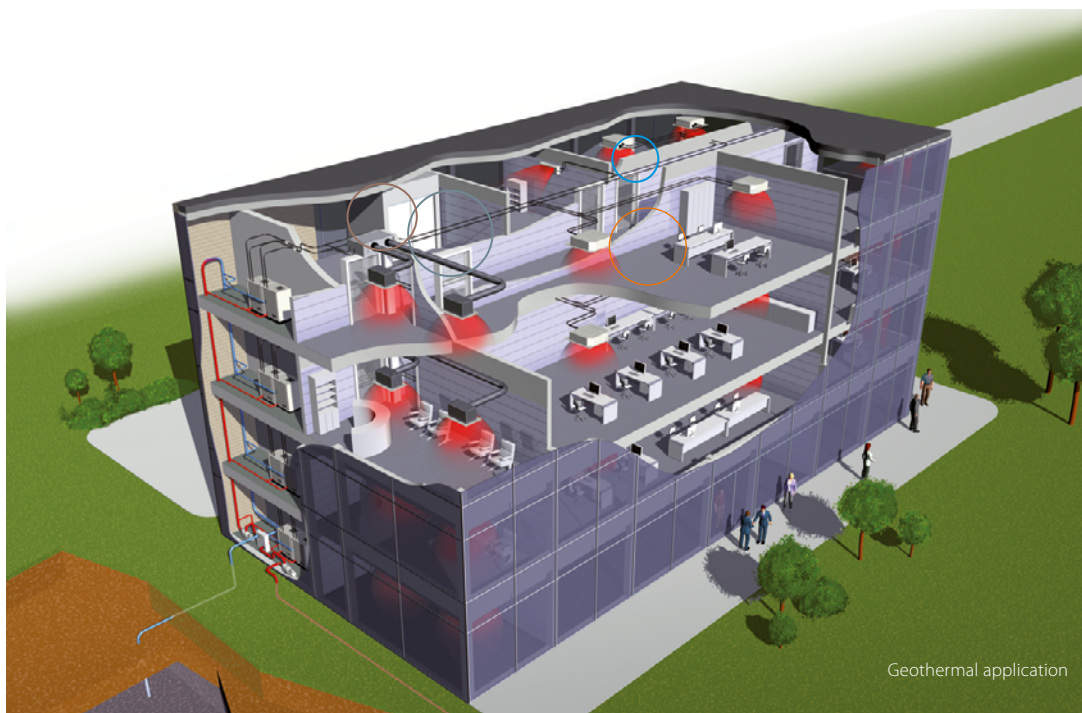
Indoor unit



Refrigerant
piping



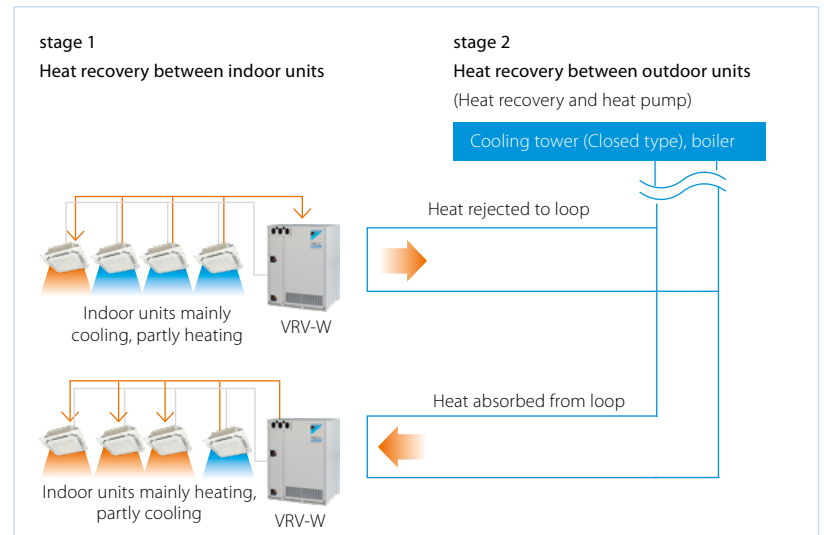
(Geothermal)
water loop



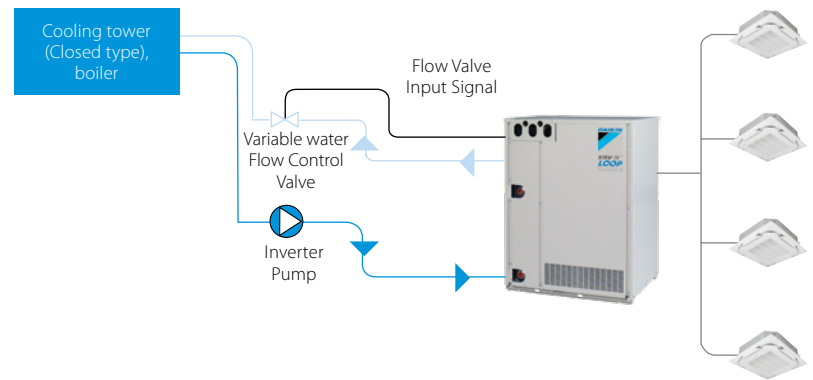
High efficiency

- 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

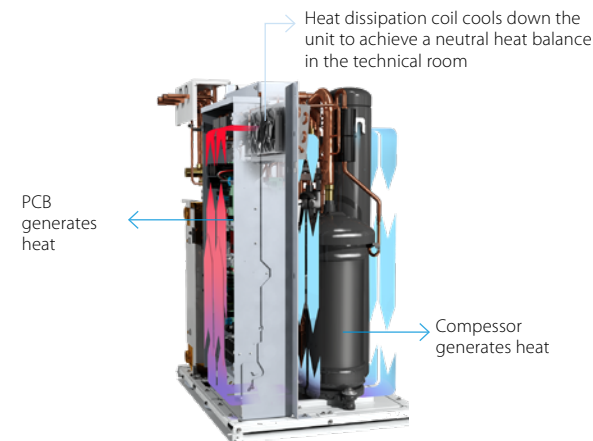


Flexible to design

- 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



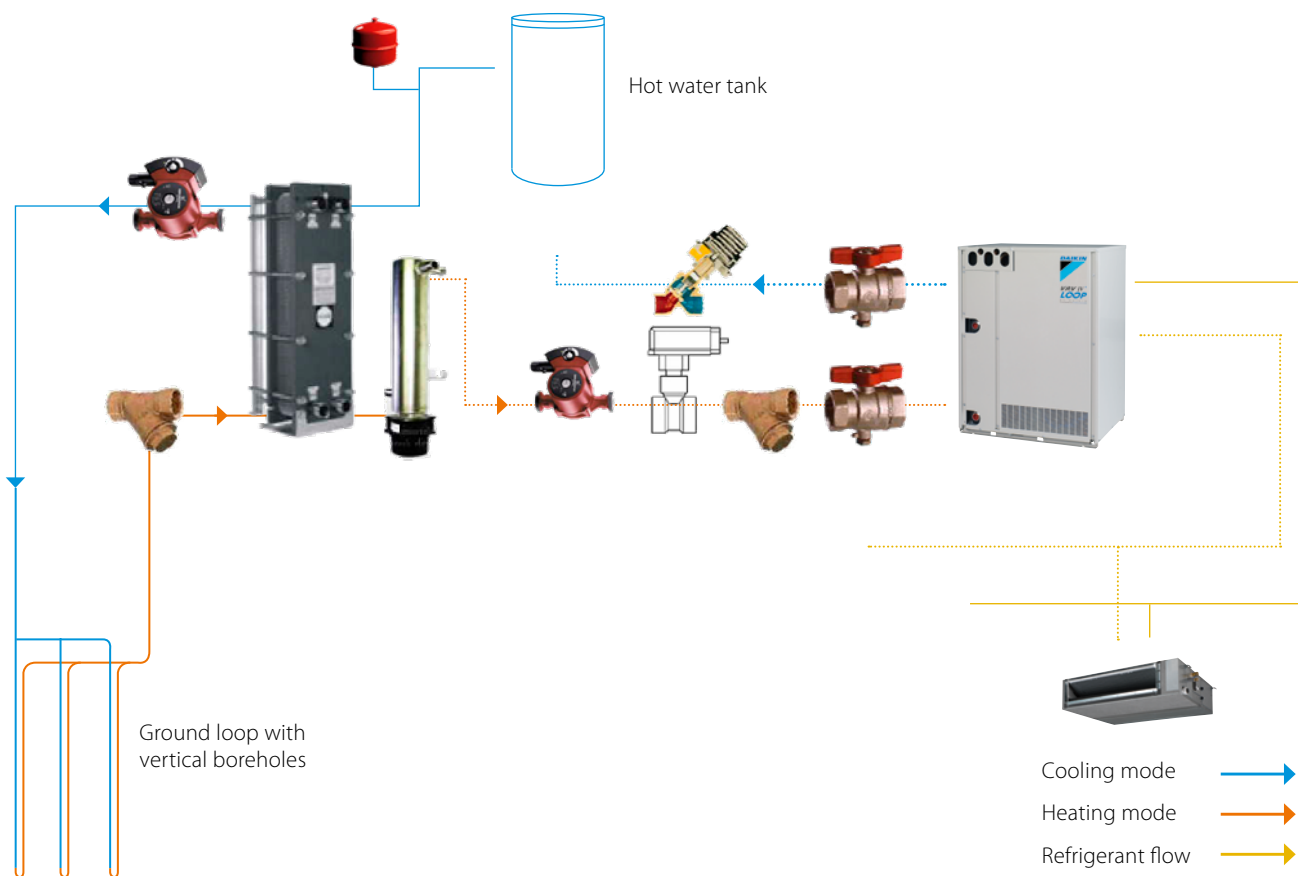
Application example Geothermal operation

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



Expansion tank



Liquid heater



Strainer



Circulator Pump



Buffer tank



Heat exchanger



Flow valve
or flow control valve



Flow switch



Stop valve



Three way valve

For more application examples [click here](#)

VRV IV+ water-cooled series

Ideal for high rise buildings,
using water as heat source



RWEYQ-T9

Connectable stylish indoor units

		20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS	60 CLASS	71 CLASS
Daikin Emura - Wall mounted unit	FTXJ-A9	●	●	●	●	●		
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



RWEYQ-T9

LOOP
BY DAIKIN
For units made
and sold in Europe*

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		25.0	31.5	37.5	45.0
Recommended combination			4 x FXMQ50P7VEB	4 x FXMQ63P7VEB	6 x FXMQ50P7VEB	1x FXMQ50P7VEB + 5x FXMQ63P7VEB
ηs,c	%		326.8	307.8	359.0	330.7
ηs,h	%		524.3	465.9	436.0	397.1
SEER			8.4	7.9	9.2	8.5
SCOP			13.3	11.8	11.1	10.1
Maximum number of connectable indoor units				64(1)		
Indoor index connection	Min. Max.		100.0 300.0	125.0 375.0	150.0 450.0	175.0 525.0
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~ 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 System Actual length	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		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	4 x FXMQ63 P7VEB	4 x FXMQ50 P7VEB + 4 x FXMQ63 P7VEB	4 x FXMQ50 P7VEB + 4 x FXMQ63 P7VEB	4 x FXMQ50 P7VEB + 4 x FXMQ63 P7VEB	4 x FXMQ50 P7VEB + 4 x FXMQ63 P7VEB	4 x FXMQ63 P7VEB	4 x FXMQ50 P7VEB + 4 x FXMQ63 P7VEB	4 x FXMQ50 P7VEB + 4 x FXMQ63 P7VEB	4 x FXMQ50 P7VEB + 4 x FXMQ63 P7VEB	4 x FXMQ50 P7VEB + 4 x FXMQ63 P7VEB	4 x FXMQ50 P7VEB + 4 x FXMQ63 P7VEB	4 x FXMQ50 P7VEB + 4 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	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. Max.		200.0 600.0	225.0 675.0	250.0 750.0	275.0 825.0	300.0 900.0	325.0 975.0	350.0 1,050.0	375.0 1,125.0	400.0 1,200.0	425.0 1,275.0	450.0 1,350.0	475.0 1,425.0	500.0 1,500.0	525.0 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 System Actual length	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

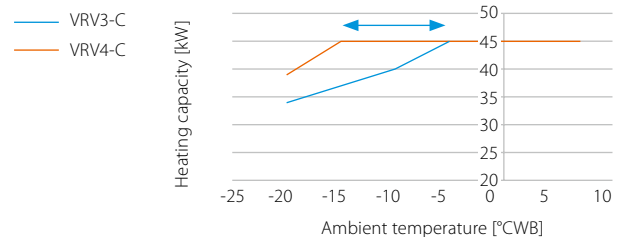
Cold climate series

Efficient heating down to -25°C



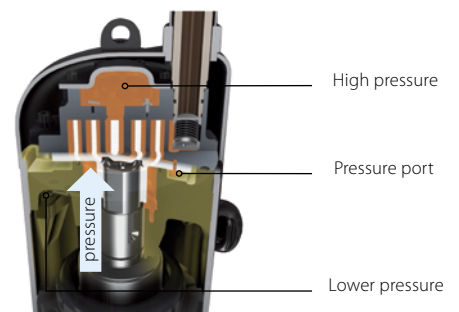
High heating capacity at low ambient temperatures

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



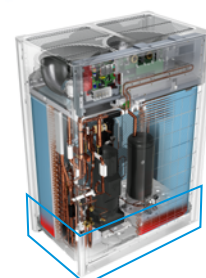
High partial load efficiency

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



High reliability down to -25°C WB

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



VRV IV+ heat pump, optimised for heating

Where heating is priority without compromising on efficiency



RXYLQ-T

Connectable stylish indoor units

		20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS	60 CLASS	71 CLASS
Daikin Emura - Wall mounted unit	FTXJ-A9	●	●	●	●	●		
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	1x FXMQ50P7VEB + 5x FXMQ63P7VEB
ηs,c			%	-	251.4	274.4	270.1
ηs,h			%	-	144.3	137.6	137.1
SEER				-	6.4	6.9	6.8
SCOP				-	3.7	3.5	
Maximum number of connectable indoor units				-		64(1)	
Indoor index connection	Min.			-	175	210	245
	Nom.			-	250	300	350
	Max.			-	325	390	455
Dimensions	Unit	HeightxWidthxDepth	mm	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/tCO ₂ Eq	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 System	Actual length	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														
	Outdoor unit module 2			RXMLQ8T														
	Outdoor unit module 3																	
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					4x FXMQ63P7VEB + 2x FXMQ80P7VEB	3x FXMQ50P7VEB + 5x FXMQ63P7VEB	2x FXMQ50P7VEB + 6x FXMQ63P7VEB	6x FXMQ50P7VEB + 4x FXMQ63P7VEB	4x FXMQ50P7VEB + 4x FXMQ63P7VEB + 2x FXMQ80P7VEB	7x FXMQ50P7VEB + 4x FXMQ63P7VEB	6x FXMQ50P7VEB + 4x FXMQ63P7VEB + 2x FXMQ80P7VEB	9x FXMQ50P7VEB + 4x FXMQ63P7VEB	8x FXMQ50P7VEB + 4x FXMQ63P7VEB + 2x FXMQ80P7VEB	3x FXMQ50P7VEB + 9x FXMQ63P7VEB + 2x FXMQ80P7VEB	2x FXMQ50P7VEB + 10x FXMQ63P7VEB + 2x FXMQ80P7VEB	6x FXMQ50P7VEB + 10x FXMQ63P7VEB	9x FXMQ50P7VEB + 9x FXMQ63P7VEB	12x FXMQ50P7VEB + 4x FXMQ80P7VEB
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 System	Actual length	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)

Invisible series

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

Unique
concept with
5 patents



Invisible



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

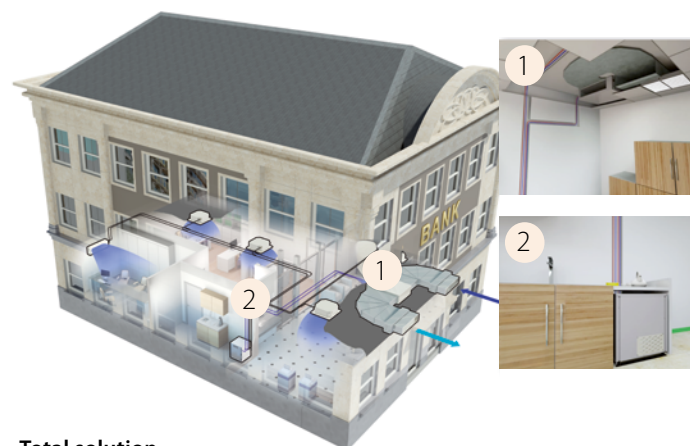
Intuitive

- Total flexibility as the outdoor unit is split up in 2 parts
- Easy and quick to transport and install by just 2 persons
- Easy servicing, 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

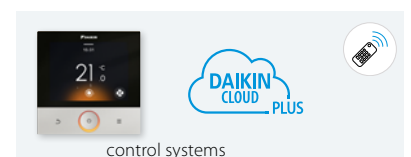
Unique outdoor unit in 2 parts



Total solution



VRV indoor units



control systems

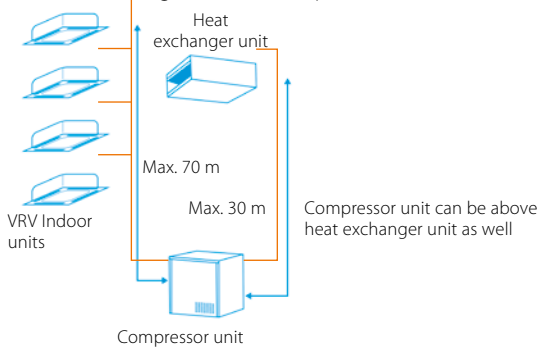


Biddle air curtain and ventilation

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



LOOP
BY DAIKIN
For units made and sold in Europe*



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 (I)		17 (I)	
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	
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

(I) 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

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(1)	28	33.5(1)	40	45	52
Heating capacity	Prated,h	kW	-	22.4(2)	28	33.5(2)	40	45	56
	Max. 6°CWB	kW	-	25	31.5(2)	37.5(2)	45	50	63
Recommended combination		-	4 x FXFQ50AVEB	4 x FXFQ63AVEB	6 x FXFQ50AVEB	1 x FXFQ50AVEB + 5 x FXFQ63AVEB	4 x FXFQ63AVEB + 2 x FXFQ80AVEB	3 x FXFQ50AVEB + 5 x FXFQ63AVEB	2 x FXFQ50AVEB + 6 x FXFQ63AVEB
ηs,c	%	-	286.1	264.8	257	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			
SCOP		-	4.2	4.3	4.7	4.3			
Maximum number of connectable indoor units		-			64(3)				
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	230			314			317
Fan	External static pressure	Pa	78			-			
Sound power level	Cooling Nom.	dBA	78.0(4)	78.0(4)	79.1(4)	83.4(4)	80.9(4)	85.6(4)	-
	Heating Prated,h	dBA	-	79.6(4)	80.9(4)	83.5(4)	83.9(4)	86.9(4)	-
Sound pressure level	Cooling Nom.	dBA	57.0(5)		57	61	60	63	65
Operation range	Cooling Min.-Max.	°CDB				-5~43			
	Heating Min.-Max.	°CWB				-20~-15.5			
Refrigerant	Type/GWP		R-410A/2,087.5						R-410A/-
	Charge	kg/tCO2Eq	9.7	9.7/20.2	9.8/20.5	9.9/20.7	11.8/24.6		11.8/-
Piping connections	Liquid OD	mm	-		9.5		12.7		15.9
	Gas OD	mm	-	19.1	22.2			28.6	
	HP/LP gas OD	mm	-	15.9		19.1	22.2		-
	Total piping length	m	-			1,000(6)			1,000
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)	A	20(7)	20(8)	25(8)	32(8)	40(8)		-

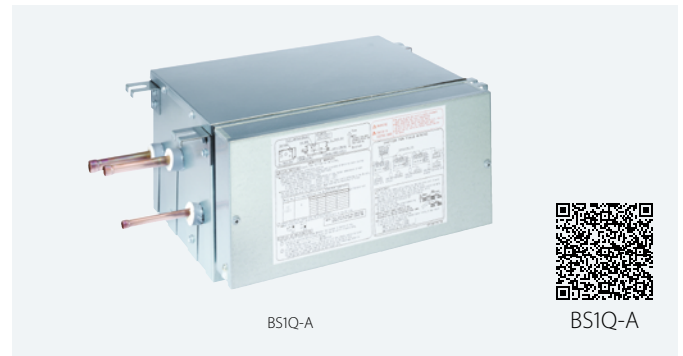
Outdoor unit System		REYQ	10U	13U	16U	18U	20U	22U	24U	26U	28U	30U	32U
System	Outdoor unit module 1		REMQ5U		REYQ8U		REYQ10U		REYQ12U		REYQ14U		REYQ16U
	Outdoor unit module 2		REMQ5U	REYQ8U	REYQ10U	REYQ12U	REYQ16U	REYQ14U	REYQ16U	REYQ18U	REYQ16U		
Capacity range	HP		10	13	16	18	20	22	24	26	28	30	32
Cooling capacity	Prated,c	kW	28	36.4(1)	44.8(1)	50.4(1)	55.9(1)	61.5(1)	67.4(1)	73.5(1)	78.5(1)	83.9(1)	90.0(1)
Heating capacity	Prated,h	kW	28	36.4(2)	44.8(2)	50.4(2)	55.9(2)	61.5(2)	67.4(2)	73.5(2)	78.5(2)	83.9(2)	90.0(2)
	Max. 6°CWB	kW	32	41.0(2)	50	56.5(2)	62.5(2)	69.0(2)	75.0(2)	82.5(2)	87.5(2)	94.0(2)	100.0(2)
Recommended combination			4 x FXFQ50AVEB	3 x FXFQ50AVEB + 3 x FXFQ63AVEB	6 x FXFQ50AVEB + 4 x FXFQ63AVEB	4 x FXFQ63AVEB	10 x FXFQ50AVEB	6 x FXFQ50AVEB + 4 x FXFQ63AVEB	4 x FXFQ63AVEB + 4 x FXFQ80AVEB	7 x FXFQ50AVEB + 5 x FXFQ63AVEB	6 x FXFQ50AVEB + 6 x FXFQ63AVEB	9 x FXFQ50AVEB + 5 x FXFQ63AVEB	8 x FXFQ63AVEB + 4 x FXFQ80AVEB
ηs,c	%		275.1	301.3	288.6	272.9	266.0	260.4	257.7	257.5	251.9	266.8	243.1
ηs,h	%		158.8	160.6	168.2	167.9	175.7	178.5	167.6	175.5	174.8	179.4	169.1
SEER			7	7.6	7.3	6.9	6.7	6.6	6.5	6.4	6.4	6.7	6.2
SCOP			4	4.1		4.3		4.5		4.3	4.5	4.4	4.3
Maximum number of connectable indoor units							64(3)						
Indoor index connection	Min.		125	163.0	200	225.0	250.0	275.0	300.0	325.0	350.0	375.0	400.0
	Max.		325	423.0	520	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	m				500(6)				1,000(6)			
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415										
Current - 50Hz	Maximum fuse amps (MFA)	A	40(11)	40(7)	40(11)	50(7)			63(7)			80(7)	

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
	Outdoor unit module 2		REYQ18U	REYQ20U		REYQ12U		REYQ16U		REYQ18U		REYQ18U	
	Outdoor unit module 3				REYQ18U			REYQ16U			REYQ18U		REYQ18U
Capacity range	HP		34	36	38	40	42	44	46	48	50	52	54
Cooling capacity	Prated,c	kW	95.4 (1)	97.0 (1)	106.3 (1)	111.9 (1)	118.0 (1)	123.5 (1)	130.0 (1)	135.0 (1)	140.4 (1)	145.8 (1)	151.2 (1)
Heating capacity	Prated,h	kW	95.4 (2)	101.0 (2)	106.4 (2)	111.9 (2)	118.0 (2)	123.5 (2)	130.0 (2)	135.0 (2)	140.4 (2)	145.8 (2)	151.2 (2)
	Max. 6°CWB	kW	106.5 (2)	113.0 (2)	119.0 (2)	125.5 (2)	131.5 (2)	137.5 (2)	145.0 (2)	150.0 (2)	156.5 (2)	163.0 (2)	169.5 (2)
Recommended combination			3 x FXFQ50AVEB + 3 x FXFQ63AVEB + 2 x FXFQ80AVEB	2 x FXFQ50AVEB + 6 x FXFQ63AVEB + 10 x FXFQ80AVEB	6 x FXFQ50AVEB + 10 x FXFQ63AVEB	9 x FXFQ50AVEB + 9 x FXFQ63AVEB	12 x FXFQ50AVEB + 4 x FXFQ80AVEB	6 x FXFQ50AVEB + 8 x FXFQ63AVEB + 4 x FXFQ80AVEB	1 x FXFQ50AVEB + 13 x FXFQ63AVEB + 4 x FXFQ80AVEB	12 x FXFQ50AVEB + 6 x FXFQ63AVEB + 4 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 + 2 x FXFQ80AVEB
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	6.2	6.4	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 (3)						
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					41.3
	HP/LP gas OD	mm		28.6				34.9					34.9
	Total piping length	m						1,000 (6)					
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415										
Current - 50Hz	Maximum fuse amps (MFA)	A	80 (7)			100 (7)			125 (7)			125 (7)	

(1) Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m | (2) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m | (3) Actual number of connectable indoor units depends on the indoor unit type and the connection ratio restriction for the system (50% ≤ CR ≤ 120%) | In accordance with EN/IEC 61000-3-12, it may be necessary to consult the distribution network operator to ensure that the equipment is connected only to a supply with S_{sc} ≥ minimum S_{sc} value | MCA must be used to select the correct field wiring size. The MCA can be regarded as the maximum running current. | MSC means the maximum current during start up of the compressor. This unit uses only inverter compressors. Starting current is always ≤ max. running current. | Maximum allowable voltage range variation between phases is 2% | Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits. | The AUTOMATIC ESEER value corresponds with normal VRV4 Heat Recovery operation, taking into account advanced energy saving operation functionality (variable refrigerant temperature control operation) | The STANDARD ESEER value corresponds with normal VRV4 Heat Recovery operation, not taking into account advanced energy saving operation functionality | Sound values are measured in a semi-anechoic room. | Soundpressure system [dBA] = 10*log[10^(A/10)+10^(B/10)+10^(C/10)], with Unit A = A dBA, Unit B = B dBA, Unit C = C dBA | EN/IEC 61000-3-12: European/International technical standard setting the limits for harmonic currents produced by equipment connected to public low-voltage system with input current > 16A and ≤ 75A per phase | S_{sc}: Short-circuit power | For detailed contents of standard accessories, see Installation/operation manual | Multi combination (10-54HP) data is corresponding with the standard multi combination | Contains fluorinated greenhouse gases
* EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland

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

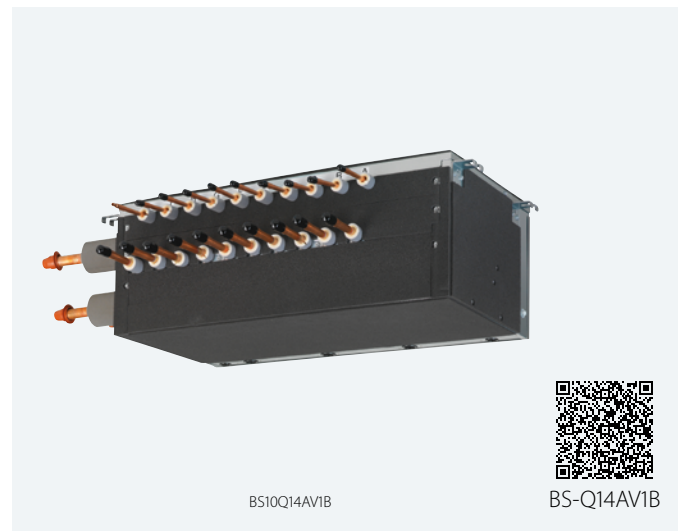
Indoor Unit				BS1Q	1Q10A	1Q16A	1Q25A
Power input	Cooling	Nom.		kW		0.005	
	Heating	Nom.		kW		0.005	
Maximum number of connectable indoor units					6	8	
Maximum capacity index of connectable indoor units					15<x≤100	100<x≤160	160<x≤250
Dimensions	Unit	HeightxWidthxDepth		mm	207x388x326		
Weight	Unit			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

VRV IV+ heat pump

Daikin's optimum solution
with top comfort



RYYQ-U



RXYQ-U



RYYQ8-12U



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								25.0	31.5	37.5	45.0	50.0	56.5	63.0				
Recommended combination											4x FXFQ508VEB	4x FXFQ638VEB	6x FXFQ638VEB	1x FXFQ508VEB + 4x FXFQ638VEB	4x FXFQ638VEB + 3x FXFQ508VEB	3x FXFQ508VEB + 2x FXFQ638VEB	2x FXFQ638VEB				
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			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																	
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				6x FXFQ508VEB + 4x FXFQ638VEB	4x FXFQ508VEB + 4x FXFQ638VEB + 2x FXFQ808VEB	7x FXFQ508VEB + 5x FXFQ638VEB	6x FXFQ508VEB + 4x FXFQ638VEB + 2x FXFQ808VEB	9x FXFQ508VEB + 5x FXFQ638VEB	8x FXFQ508VEB + 4x FXFQ638VEB + 2x FXFQ808VEB	3x FXFQ508VEB + 9x FXFQ638VEB + 2x FXFQ808VEB	2x FXFQ508VEB + 10x FXFQ638VEB + 2x FXFQ808VEB	6x FXFQ508VEB + 6x FXFQ638VEB + 10x FXFQ808VEB									
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						34.9						41.3				
		Gas	OD	mm	28.6								19.1								
		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	63							80							100		
Outdoor unit system				RYYQ/RXYQ																	
System		Outdoor unit module 1		12	10			12		14				16				18			
		Outdoor unit module 2		18	16														18		
		Outdoor unit module 3									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				9x FXFQ50AVEB + 9x FXFQ63AVEB	12x FXFQ50AVEB + 4x FXFQ80AVEB	6x FXFQ50AVEB + 8x FXFQ63AVEB + 4x FXFQ80AVEB	1x FXFQ50AVEB + 13x FXFQ63AVEB + 4x FXFQ80AVEB	12x FXFQ50AVEB + 6x FXFQ63AVEB + 4x FXFQ80AVEB	3x FXFQ50AVEB + 13x FXFQ63AVEB + 4x FXFQ80AVEB	6x FXFQ50AVEB + 14x FXFQ63AVEB + 2x FXFQ80AVEB	9x FXFQ50AVEB + 15x FXFQ63AVEB										
ηs,c			%	263.5	261.2	255.9		254.9		251.7		252.8		253.7		254.1					
ηs,h			%	170.0	165.5	164.5		162.0		162.8		165.2		167.2		169.4					
SEER				6.7	6.6	6.5						6.4									
SCOP				4.3	4.2				4.1				4.2		4.3						
Maximum number of connectable indoor units											64(1)										
Indoor index connection		Min.		500.0	525.0	550.0		575.0		600.0		625.0		650.0		675.0					
		Max.		1,300.0	1,365.0	1,430.0		1,495.0		1,560.0		1,625.0		1,690.0		1,755.0					
Piping connections		Liquid	OD	mm	19.1																
		Gas	OD	mm	41.3																
		Total piping 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	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: 0m | Contains fluorinated greenhouse gases

* Depending on the region different model codes are sold: Continuous heating: RYYQ-U, RYYQ-U5, RYMQ-U, RYMQ-U5, standard heat pump RXYQ-U, RXYQ-U5, RXYQ-UD

** U and U5 models in EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland

VRV IV+ S-series compact heat pump

The most compact VRV

Only
823mm
high!



RXYSQ-TV1

823mm



RXYSQ-TV1

Outdoor unit		RXYSQ	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		
	Unit		823x940x460		
Weight	Unit		kg		
	Unit		89		
Sound power level	Cooling	Nom.	dBA	68.0	69.0
	Heating	Prated,h	dBA	69.0	70.0
			dBA	51.0	52.0
Sound pressure level	Cooling	Nom.	dBA	51.0	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	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						mm		
	Unit		1,345x900x320						1,430x940x320	1,615x940x460	
Weight	Unit		kg						144	175	180
Sound power level	Cooling	Nom.	dBA	68.0	69.0	70.0	68.0	69.0	70.0	73.0	76.0
	Heating	Prated,h	dBA	68.0	69.0	70.0	68.0	69.0	70.0	73.0	76.0
			dBA	50.0	51.0	50.0	50.0	51.0	55.0	57.0	
Sound pressure level	Cooling	Nom.	dBA	50.0	51.0	50.0	50.0	51.0	55.0		
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	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		

(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

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														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														
	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														
	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														Available summer '24
	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														Auto cleaning filter option
Concealed ceiling	Concealed ceiling unit with medium ESP	Slimmest yet most powerful 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														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														
	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														
Wall mounted	Wall mounted unit	For rooms with no false ceilings nor free floor space • Flat, stylish front panel is more easy to clean • Small capacity unit developed for small of well-insulated rooms • Reduced energy consumption thanks to DC fan motor • The air is comfortably spread up- and downwards thanks to 5 different discharge angles														
Ceiling suspended	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														
	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														
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														
	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														
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	Door height (m)	Installation condition
Biddle air curtain	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 than 1.5 years compared to installing an electric air curtain		Favourable ex: covered shopping mall or revolving door entrance
	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 than 1.5 years compared to installing an electric air curtain		Normal ex: little direct wind, no opposite open doors, building with ground floor only
	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 than 1.5 years compared to installing an electric air curtain		Unfavourable ex: location at a corner or square, multiple floors and/or open stairwell

Round flow cassette

360° air discharge for optimum efficiency and comfort



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														
		Standard panels: 65x950x950 / Auto cleaning panels: 148x950x950 / Designer panels: 106x950x950														
		Dimensions	HeightxWidthxDepth		mm	Standard panels: 5.5 / Auto cleaning panels: 10.3 / Designer panels: 6.5										
Fan	Weight			kg												
	Air flow rate - 50Hz	Cooling	At high/medium/low fan speed	m³/min	12.8/10.7/8.9			14.8/12.6/10.4	15.1/12.9/10.7	16.6/13.4/10.7	23.3/19.2/13.5	27.8/20.4/13.0	31.6/26.0/19.8			
		Heating	At high/medium/low fan speed	m³/min	12.8/10.7/8.9			14.8/12.6/10.4	15.1/12.9/10.7	16.6/13.4/10.7	22.5/18.5/13.0	27.8/20.4/13.0	30.3/24.9/18.9			
Air filter	Type	Resin net														
Sound power level	Cooling	At high fan speed		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															
Power supply	Phase/Frequency/Voltage			Hz/V	VP25 (O.D. 32/I.D. 25)											
Current - 50Hz	Maximum fuse amps (MFA)			A	1~/50/60/220-240/220											
Control systems		16														
	Infrared remote control	BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB														
	Wired remote control	BRC1KPD51W. BRC1KPD51K / BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52														

Contains fluorinated greenhouse gases

FXZO-A

Fully flat cassette

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

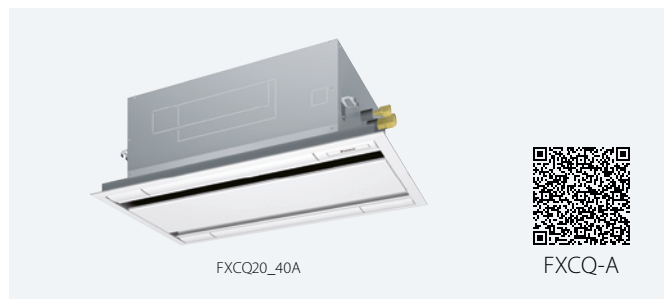


Indoor Unit				FXZQ	15A	20A	25A	32A	40A	50A	
Cooling capacity	Total capacity	At high fan speed		kW	1.70	2.20	2.80	3.60	4.50	5.60	
Heating capacity	Total capacity	At high fan speed		kW	1.90	2.50	3.20	4.00	5.00	6.30	
Power input - 50Hz	Cooling	At high fan speed		kW		0.018	0.020	0.019	0.029	0.048	
	Heating	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				BRC1KPD51W, BRC1KPD51K / BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52						

Contains fluorinated greenhouse gases

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	m³/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	BRC1KPD51W, BRC1KPD51K / BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52										

Contains fluorinated greenhouse gases

Ceiling mounted corner cassette

1-way blow unit for corner installation

New design!

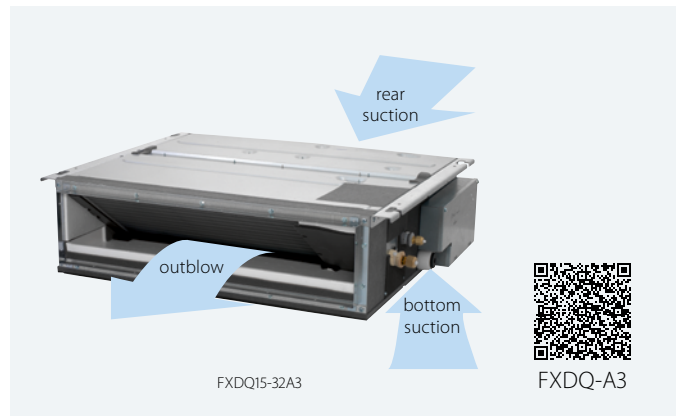


Indoor Unit		FXKQ	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	At high fan speed	kW	2.2	2.8	3.6	4.5	5.6
Heating capacity	Total capacity	At high fan speed	kW	2.5	3.2	4	5	6.3
Power input - 50Hz	Cooling	At high fan speed	kW	0.026	0.024	0.039	0.047	0.073
	Heating	At high fan speed	kW	0.034	0.024	0.039	0.047	0.073
Dimensions	Unit	HeightxWidthxDepth	mm	200x840x470			200x1,240x470	
Weight	Unit		kg	18	17	19	24	23
Casing	Material			Galvanised steel				
Decoration panel	Model			BYK32GJW1			BYK63GJW1	
	Dimensions	HeightxWidthxDepth	mm	80x950x550			80x1,350x550	
	Weight		kg	8			10	
Fan	Air flow rate	Cooling	At high/medium/low fan speed	m³/min	7.5/6.3/5	9.4/8.5/7.6	14.4/12.6/11.1	17.6/14.4/12.6
Air filter	Type			Removable/washable				
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-410A/2,087.5				
Piping connections	Liquid	OD	mm	6.4				9.5
	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	6				

Contains fluorinated greenhouse gases

Slim concealed ceiling unit

Slim design for flexible installation



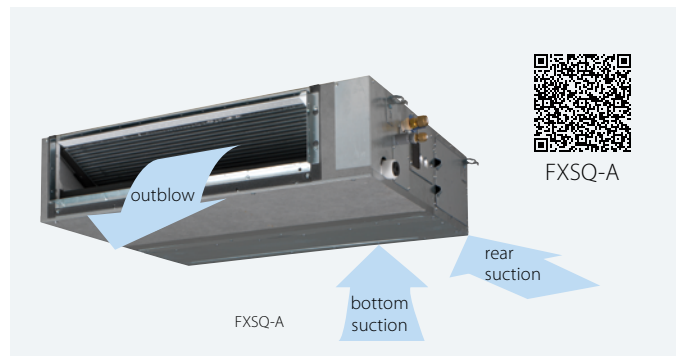
Indoor Unit				FXDQ	15A3	20A3	25A3	32A3	40A3	50A3	63A3
Cooling capacity	Nom.			kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Nom.			kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	At high fan speed		kW	0.036			0.041	0.042	0.053	0.062
	Heating	At high fan speed		kW	0.036			0.041	0.042	0.053	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	m³/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				BRC1KPD51W, BRC1KPD51K / 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

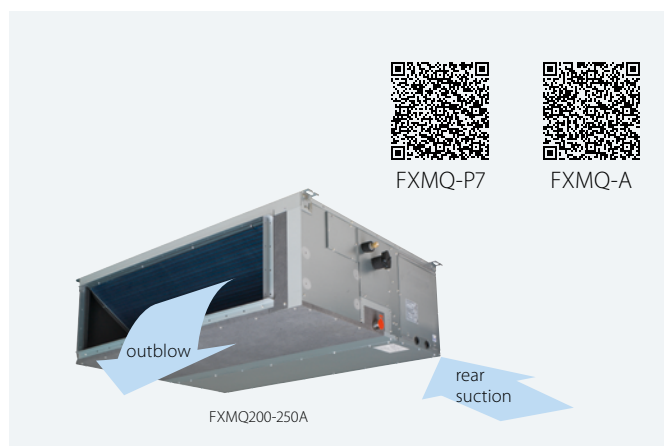


Indoor Unit				FXSQ	15A	20A	25A	32A	40A	50A	63A	80A	100A	125A	140A		
Cooling capacity	Total capacity	At high fan speed		kW	1.70	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	16.00		
Heating capacity	Total capacity	At high fan speed		kW	1.90	2.50	3.20	4.00	5.00	6.30	8.00	10.0	12.5	16.0	18.0		
Power input - 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	
Casing	Material				Galvanised steel plate												
Fan	Air flow rate - 50Hz	Cooling	At high/medium/low fan speed	m³/min	8.7/50/6.5	9.0/7.50/6.5		9.5/8.00/7.0	15.0/12.5/11.0	15.2/12.5/11.0	21.0/18.0/15.0	23.0/19.5/16.0	32.0/27.0/23.0	36.0/31.5/26.0	39.0/34.0/28.0		
		Heating	At high/medium/low fan speed	m³/min	8.7/7.5/6.5	9.0/7.5/6.5		9.5/8.0/7.0	15.0/12.5/11.0	15.2/12.5/11.0	21.0/18.0/15.0	23.0/19.5/16.0	32.0/27.0/23.0	36.0/31.5/26.0	39.0/34.0/28.0		
	External static pressure - 50Hz	Factory set/High		Pa				30/150			40/150			50/150			
	Air filter	Type				Resin net											
Sound power level	Cooling	At high fan speed		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				BRC1KPD51W, BRC1KPD51K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52												

Contains fluorinated greenhouse gases

Concealed ceiling unit with high ESP

Ideal for large sized spaces: ESP up to 250 Pa



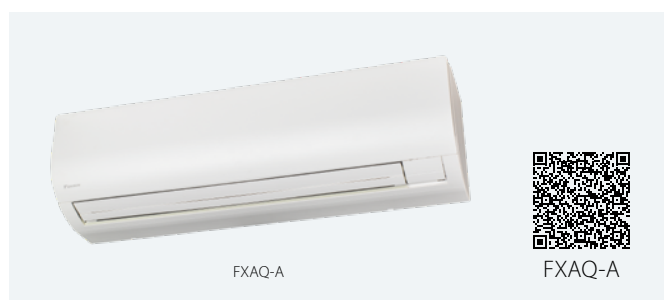
Indoor Unit				FXMQ	50P7	63P7	80P7	100P7	125P7	200A	250A	
Cooling capacity	Total capacity	At high fan speed		kW						22.4	28.0	
	Nom.			kW	5.6	7.1	9.0	11.2	14.0	22.4	28.0	
Heating capacity	Total capacity	At high fan speed		kW						25.0	31.5	
	Nom.			kW	6.3	8.0	10.0	12.5	16.0	25.0	31.5	
Power input - 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					470x1,490x1,100		
Weight	Unit			kg	35					46	105	115
Fan	Air flow rate - 50Hz	Cooling	At high/medium/low fan speed	m³/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	m³/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				BRC1KPD51W, BRC1KPD51K / 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			290x795x266				290x1,050x269		
Weight	Unit				12				15		
Fan	Air flow rate - 50Hz	Cooling	At high fan speed/ At low fan speed	m³/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		dB(A)	51.0	52.0	53.0	55.0		58.0	63.0
Sound pressure level	Cooling	At high fan speed/ At low fan speed		dB(A)	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		dB(A)	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			6.35						9.52
	Gas	OD			12.7						15.9
	Drain				VP13 (I.D. 15/O.D. 18)						
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240						
Current - 50Hz	Maximum fuse amps (MFA)			A	16						
Control systems	Infrared remote control			BRC7EA628 / BRC7EA629							
	Wired remote control			BRC1KPD51W, BRC1KPD51K / BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52							

Contains fluorinated greenhouse gases

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	m³/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	m³/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				BRC1KPD51W, BRC1KPD51K / BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52		

Contains fluorinated greenhouse gases

4-way blow ceiling suspended unit

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

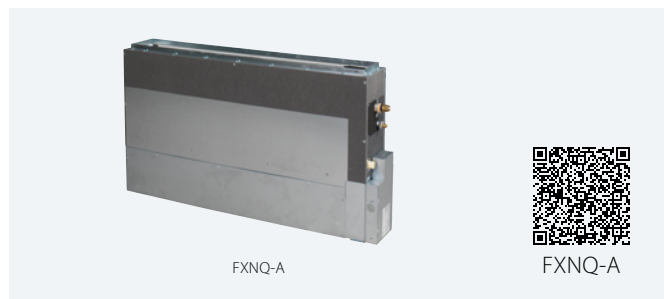


Indoor Unit				FXUQ	71A	100A
Cooling capacity	Total capacity	At high fan speed		kW	8.0	11.2
Heating capacity	Total capacity	At high fan speed		kW	9.0	12.5
Power input - 50Hz	Cooling	At high fan speed		kW	0.090	0.200
	Heating	At high fan speed		kW	0.073	0.179
Dimensions	Unit	HeightxWidthxDepth		mm	198x950x950	
Weight	Unit			kg	26	27
Casing	Material				Resin	
Fan	Air flow rate - 50Hz	Cooling	At high/medium/low fan speed	m³/min	22.5/19.5/16.0	31.0/26.0/21.0
		Heating	At high/medium/low fan speed	m³/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				BRC1KPD51W, BRC1KPD51K / BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52	

Contains fluorinated greenhouse gases

Concealed floor standing unit

Designed to be concealed in walls

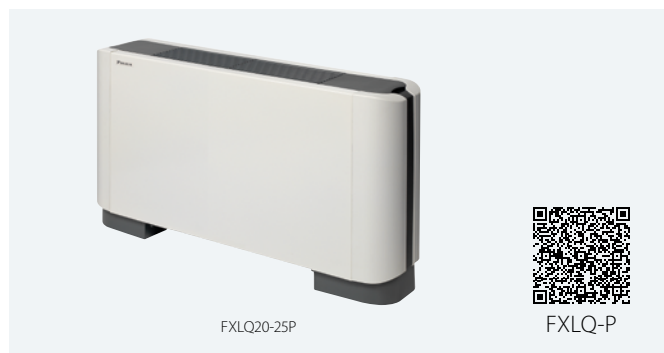


Indoor Unit				FXNQ	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	At high fan speed		kW	2.20	2.80	3.60	4.50	5.60	7.10
Heating capacity	Total capacity	At high fan speed		kW	2.50	3.20	4.00	5.00	6.30	8.00
Power input - 50Hz	Cooling	At high fan speed		kW	0.071			0.078	0.099	0.110
	Heating	At high 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	m³/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	m³/min	8.0/7.2/6.4			10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0
	External static pressure - 50Hz	Factory set/High		Pa	10/41.0		10/42.0	15/52.0	15/59.0	15/55.0
Air filter	Type				Resin net					
Sound power level	Cooling	At high fan speed		dB(A)	51			52	53	54
Sound pressure level	Cooling	At high/medium/low fan speed		dB(A)	30.0/28.5/27.0			32.0/30.0/28.0	33.0/31.0/29.0	35.0/33.0/32.0
	Heating	At high/medium/low fan speed		dB(A)	30.0/28.5/27.0			32.0/30.0/28.0	33.0/31.0/29.0	35.0/33.0/32.0
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				BRC1KPD51W, BRC1KPD51K / BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52					

Contains fluorinated greenhouse gases

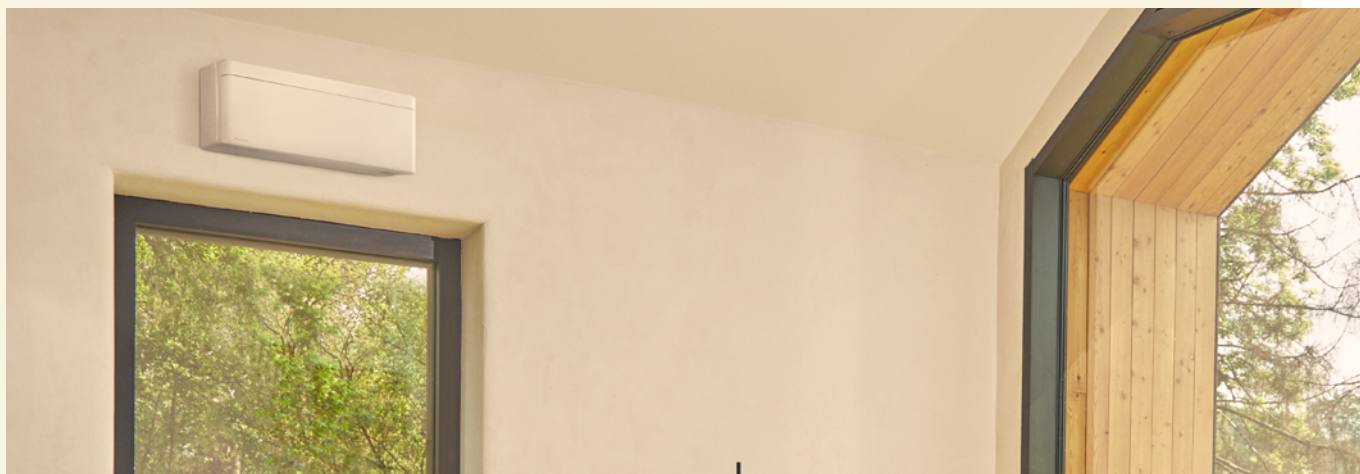
Floor standing unit

For perimeter zone air conditioning



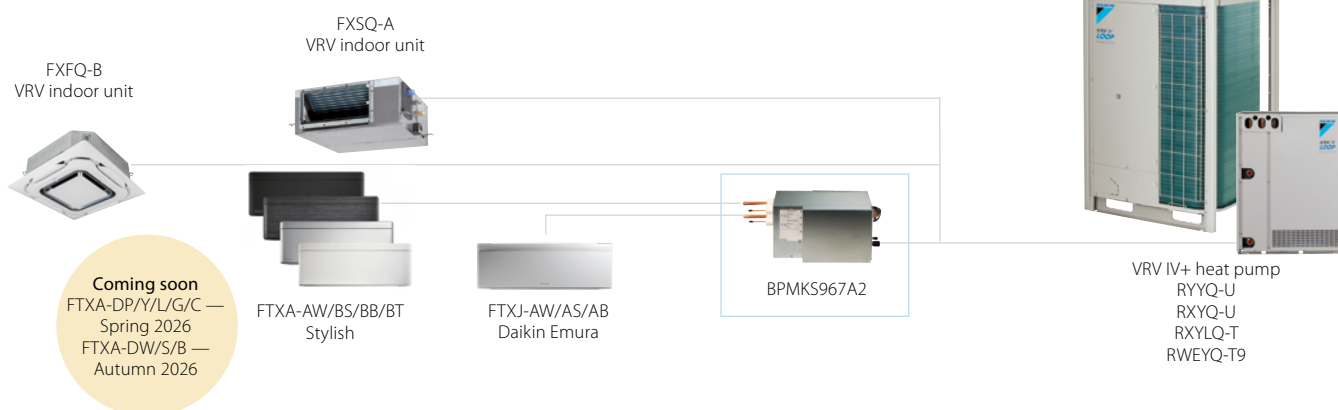
Indoor Unit				FXLQ	20P	25P	32P	40P	50P	63P
Cooling capacity	Total capacity	At high fan speed	kW		2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Total capacity	At high fan speed	kW		2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	At high fan speed	kW		0.05		0.09		0.11	
	Heating	At high fan speed	kW		0.05		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	m³/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	dB(A)		54			57	58	59
Sound pressure level	Cooling	At high fan speed/ At low fan speed	dB(A)		35/32			38/33	39/34	40/35
	Heating	At high fan speed/ At low fan speed	dB(A)		35/32			38/33	39/34	40/35
Refrigerant	Type/GWP				R-410A/2,087.5					
Piping connections	Liquid	OD	mm		6.35				15.9	
	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				BRC1KPD51W, BRC1KPD51K / BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52					

Contains fluorinated greenhouse gases

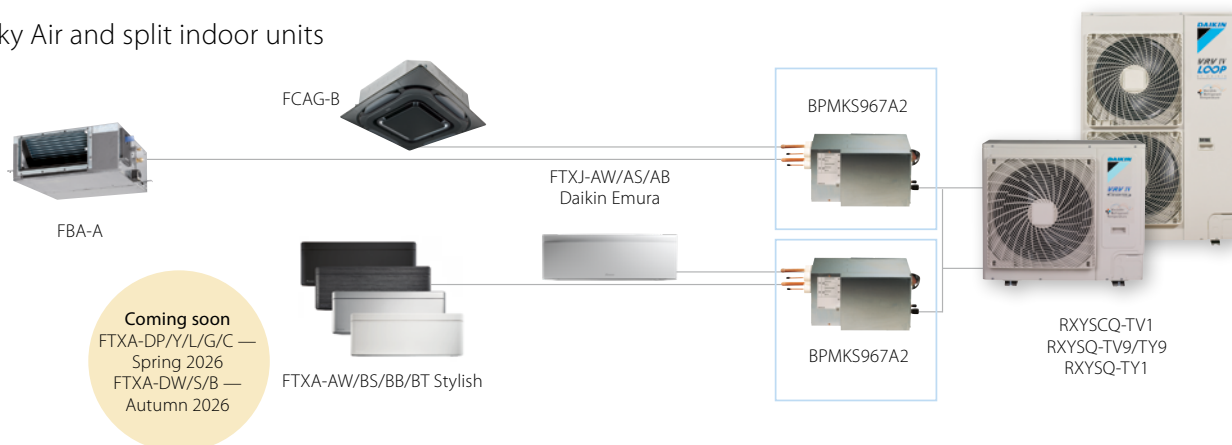


VRV heat pumps combined with design indoor units

Mix of VRV and split indoor units



Mix of Sky Air and split indoor 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



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.

Type	Model	Product name	Capacity class (kW)								Connectable outdoor unit				
			15	20	25	35	42	50	60	71	RYYQ-U (4)	RXYQ-U (4)	RXYSCQ-TV1 (4) RXYSQ-TV9 (5) RXYSQ-TV9/TV1	RWEYQ-T9 (4)(6)	RXYLQ-T (4)
Ceiling mounted cassette	Round flow cassette (1) (incl. auto-cleaning function (2))	FCAG-B 				•		•	•	•	UV Streamer kit		✓		
	Fully flat cassette (3)	FFA-A9 			•	•		•	•				✓		
Concealed ceiling	Slim concealed ceiling unit	FDXM-F9 			•	•		•	•		Auto cleaning filter option		✓		
	Concealed ceiling unit with inverter-driven fan	FBA-A(9) 				•		•	•	•			✓		
Wall mounted	Daikin Emura Wall mounted unit 	FTXJ-AW/AS/AB 		•	•	•		•			✓	✓	✓	✓	✓
	Stylish Wall mounted unit	FTXA-AW/BS/BB/BT 		•	•	•	•	•			✓	✓	✓	✓	✓
	Perfera Wall mounted unit	CTXM-A / FTXM-A 	• RXYSQ/ RXYSCQ	•	•	•	•	•	•	•	✓	✓	✓	✓	✓
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 needed (BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black).

(2) Decoration panel needed (Auto cleaning panels: BYCQ140EGF - white / BYCQ140EGFB - black) + BRC1E* or BRC1H*.

(3) Decoration panel needed (BRC7EB530W (standard panel) / BRC7F530W (white panel) / BRC7F530S (grey panel)).

(4) To connect stylish indoor units a BPMKS unit is needed.

(5) A mix of RA indoor units and VRV indoor units is not allowed.

(6) Only in heat pump operation.



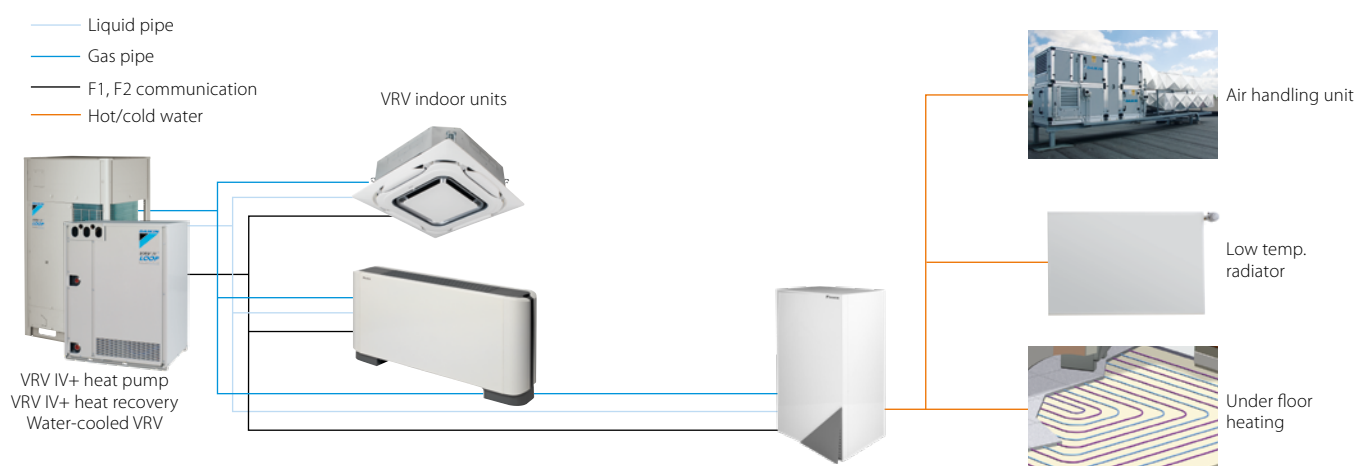
Domestic hot water hydroboxes

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



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.	-20~24	
		Water side	Min.~Max.	25~45	
	Cooling	Ambient	Min.~Max.	10~43	
		Water side	Min.~Max.	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
Casing	Colour				Metallic grey		
	Material				Precoated sheet metal		
Dimensions	Unit	HeightxWidthxDepth			mm	705 x600 x695	
Weight	Unit				kg	92	147
Operation range	Heating	Ambient	Min.~Max.	°C	-20.0~20 (2)/20 (2)		
		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	R-134a					
	Charge				kg	2	2.6
Sound power level	Nom.				dBA	55	60
Sound pressure level	Nom.				dBA	42/43	46/46
	Night quiet mode	Level 1			dBA	38 (1)	45 (1)
Current	Recommended fuses				A	20	16

(1) Sound levels are measured at: EW 70°C; LW 80°C | (2) In accordance with EN/IEC 61000-3-11, it may be necessary to consult the distribution network operator to ensure that the equipment is connected only to a supply with Zsys (system impedance) ≤ Zmax | EW 40°C; LW 45°C; Dt 5°C; ambient conditions: 7°CDB/6°CWB | For water Dt 5°C | Sound levels are measured at: EW 55°C; LW 65°C | Field setting | European/ International Technical Standard setting the limits for voltage changes, voltage fluctuations and flicker in public low-voltage supply systems for equipment with rated current ≤ 75A. | Zsys: system impedance | Short-circuit power | For water Dt 10°C



Individual and multi branch selector box installation



Options & accessories

Tightfit	508
No-Slope drain kit NEW	510
VRV Outdoor	512
VRV indoor	516

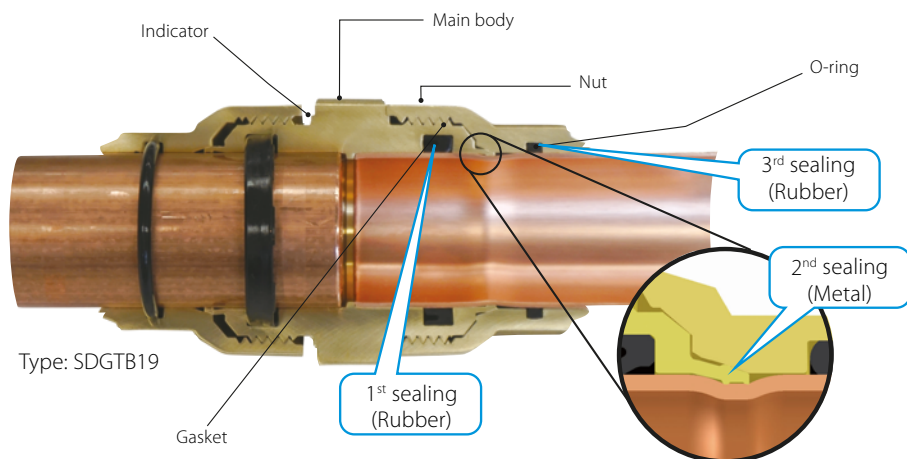


Tightfit

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 operating pressure of R-32 refrigerant (17.2 Mpa)

Tightfit Mechanism



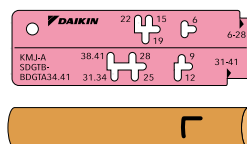
Daikin Tightfit is awarded 3 Ticks Excellent Rating by Singapore Green Building Product (SGBP) scheme. SGBP is a certification for green building products and materials, ensuring that sustainability is integrated throughout the design and manufacturing process of green building products.



Installation in 4 easy steps

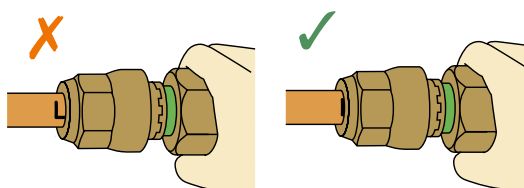
1 Mark the insertion line

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



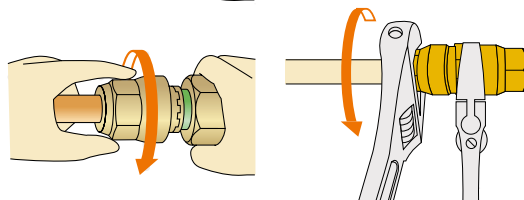
2 Insert the pipe

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



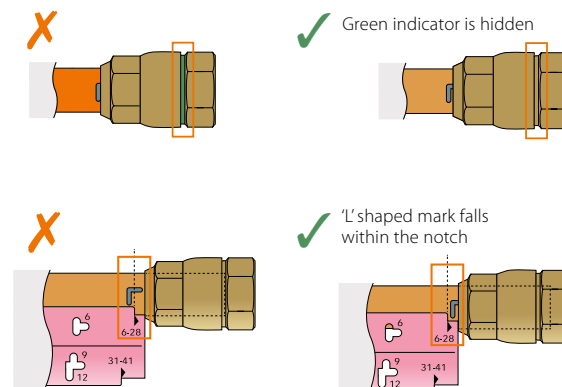
3 Tighten the nut

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

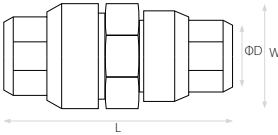
1. Green indicator should be hidden.
2. Place the marking gauge on the end face of the nut and make sure that the 'T' or 'L' shaped mark falls completely within the notch in the marking gauge.

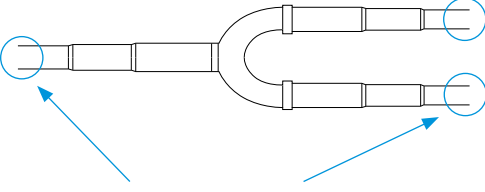


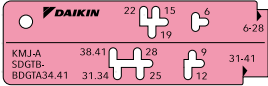
Range and specifications

New box quantities!

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_B2	44	1/4" (6.35mm)	50.4	15	43
	NEW SDGTC09_B2	40	3/8" (9.52mm)	55	19.9	79
	NEW SDGTC12_B2	23	1/2" (12.7mm)	59	23.5	113
	NEW SDGTC15_B2	17	5/8" (15.9mm)	74	30	210
	NEW SDGTB29_B2	15	3/4" (19.1mm)	76.8	34.6	273
	NEW SDGTB22_B2	15	7/8" (22.2mm)	83.4	40.2	292
	NEW SDGTB28_B2	12	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_B2	40	1/4"-3/8" (6.35-9.52mm)	52.7	19.9	67
	NEW SDGTC1209_B2	23	3/8"-1/2" (9.42-12.7mm)	57.5	23.5	101
	NEW SDGTC1512_B2	20	1/2"-5/8" (12.7-15.9mm)	65	30	164
	NEW SDGTC1915_B2	15	5/8"-3/4" (15.9-19.1mm)	76.8	34.6	244
	NEW SDGTB2219_B2	15	3/4"-7/8" (19.1-22.2mm)	81.5	40.2	358
	NEW SDGTB2522_B2	15	7/8"-1" (22.2-25.4mm)	85.8	43.5	444
	NEW SDGTB2825_B2	12	1"-1 1/8" (25.4-28.6mm)	88.1	46.7	505
	NEW SDGTB3428_B2	10	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
	290<= X <= 640		BHRG26A72T	KHRQ22M20T
	640 <= X		BHRG26A73T	KHRQ22M29T9
	X<290	3-pipe	BHRG25A33T	KHRQ23M20T
	290<= X <= 640		BHRG25A72T	KHRQ23M29T9
	640 <= X		BHRG25A73T	KHRQ23M64T

Accessories	
	SDGT_GAUGE

View our installation video!

Tightfit joint



Tightfit Refnet



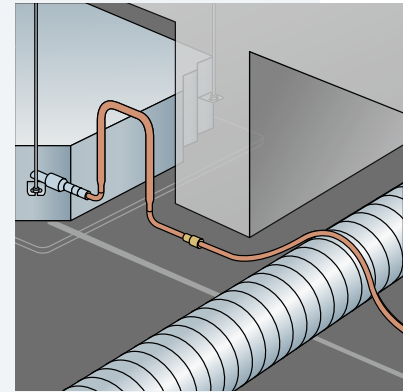
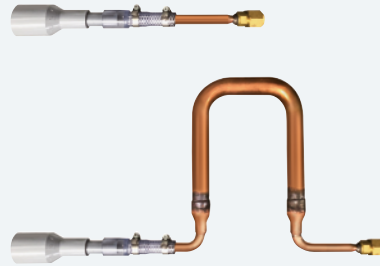
Install Smarter

No slope, no clogs

NEW

No-Slope drain kit

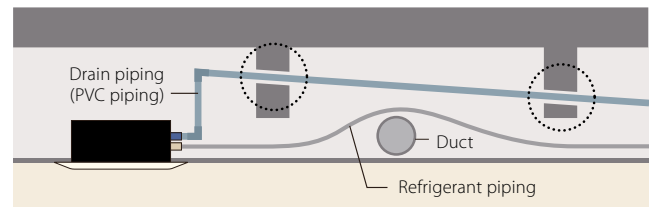
VRV SkyAir



Designed for hassle-free HVAC installations

Conventional configuration

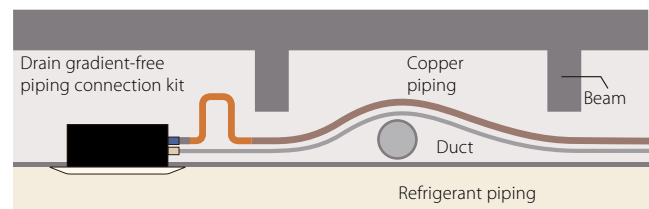
- ! Careful planning required to avoid beams, ducting, and other ceiling obstructions
- ! Holes may need to be drilled in beams when ceiling voids are too tight or routing can't avoid them
- ! Risk of clogged pipes



No-Slope drain kit

Our slope-free drain kit changes the game.

- ✓ **No slope calculation required:** Run drain pipes flat or even upwards to bypass structural elements like beams and ducts.
- ✓ **Clog-resistant design:** Anti-bacterial copper eliminates slime buildup and blockages.
- ✓ **Flexible installation:** Ideal for tight ceiling spaces and retrofit projects.
- ✓ **Time-saving:** Simplifies planning and speeds up installation, as drain hanging can be combined with refrigerant piping.



Range and specifications

Flexible drain length	Copper drain size	Drain collection type	Required option
Up to 6 m 	9.52 mm	Open water	1x BKWP55A1401
		Central PVC drain	2x BKWP55A1401
Up to 20 m 	9.52 mm	Open water	1x BKWP55A1402
		Central PVC drain	1x BKWP55A1402 1x BKWP55A1401

Connectable indoor units

Indoor unit type	Model name	BKWP55A1401	BKWP55A1402
Round flow cassette	VRV: FXFA-A, FXFN-B, FXFQ-B	•	•
	Sky Air: FCAHG-H, FCAG-B	•	•
Fully Flat cassette	VRV: FXZA-A, FXZQ-A	•	•
	Sky Air: FFA-A9	•	•
2-way blow cassette	VRV: FXCQ-A	•	
1-way blow cassette	VRV: FXKA-A, FXKQ-A	• (up to 4m length)	
Slim concealed ceiling unit	VRV: FXDA-A, FXDQ-A3	•	•
	Sky Air: FDXM-F9	•	•
Concealed ceiling unit with medium ESP	VRV: FXSA-A FXSN-B, FXSQ-A	•	•
	Sky Air: FBA-A(9), ADEA-A	•	•
Concealed ceiling unit with high ESP	VRV: FXMA50-125A, FXMQ-P7	• (up to 4m length)	•
	Sky Air: FDA125A	• (up to 4m length)	•

Quality assured: 20 year testing

A 20-year verification test was conducted with a slope-free drain using copper pipes.

Results confirmed that the drain remained unclogged and contained no slime, corrosion, or pitting on the inner surface of the copper pipes.

Test conditions

- Constructed in Daikin office in 2004
- Tested model: FXYFP71M (Ceiling mounted cassette)
- Drain piping: ø9.5 coated copper tube (6 m)



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
	Central drain pan kit - Installs onto the underside of the outdoor unit and collects drain water from all bottom plate outlets into a single outlet. In cold areas should be heated by a field-supplied heater to prevent drain water from freezing in the drain pan.				
	Bottom plate heater - To keep drain holes ice-free in extreme weather conditions (one per outdoor unit needed)	5/8-12: 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			
	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)	
	Cool/heat selector PCB (required to connect KRC19-26)			EKBRP2A81	
Others	EKCHSC - Cool/heat selector cable				
	EKPCCAB4 VRV configurator				
	DTA109A51 DIII-net expander adapter	• (2) (4)		• (2) (4)	
	BPMKS967A2/A3 Branch provider (for connection of 2/3 RA indoor units)				
	EKDK04 Drain plug kit				
	EKLN140A Sound enclosure				

		R-410A		R-410A	
		VRV IV+ heat recovery		VRV IV+ heat pump	
		REYQ8-20 REM5	2/3 module systems	RYMQ8-20 RXYQ8-20	2/3 module systems
Kits	Multi-module connection kit (obligatory) - Connects multiple modules into a single refrigerant system		2 modules: BHFQ23P907A 3 modules: BHFQ23P1357		2 modules: BHFQ22P1007 3 modules: BHFQ22P1517
	Central drain pan kit - Installs onto the underside of the outdoor unit and collects drain water from all bottom plate outlets into a single outlet. In cold areas should be heated by a field-supplied heater to prevent drain water from freezing in the drain pan.				
	Bottom plate heater - To keep drain holes ice-free in extreme weather conditions (one per outdoor unit needed)	5/8-12: EKBPH012T7A 14-20: EKBPH020T7A		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 For 14-20 HP the demand PCB mouting plate is required (2). See Options & Accessories of indoor units			
	KRC19-26 Mechanical cool/heat selector – allows to switch an entire Heat Pump system, or one BS-box of a Heat Recovery system between cooling, heating and fan only. Connects to the A-B-C terminals of the outdoor unit / BS-box.			• (3)	1 kit per system (3)
	Cool/heat selector PCB (Required to connect KRC19-26)			BRP2A81	1 kit per system
Others	EKCHSC Cool/heat selector cable (Required to connect KRC19-26)				
	EKPCCAB4 VRV configurator			•	
	DTA109A51 DIII-net expander adapter				
	BPMKS967A2/A3 Branch provider (for connection of 2/3 RA indoor units)			•	
	EKDK04 Drain plug kit				

(1) For installations with special requirements towards fire regulations, the insulation material can be replaced using kits EKHBFO1 and EKHBFO2.

The kits contain insulation material that complies with EN13501-1:B-S3,dO and BS476-7 (class 1)

(2) Requires mounting plate EKSB26B2* for 14~20HP

(3) Requires installation box KJB111A

(4) Only possible to install 1 adapter PCB

(5) Backup heater kit is only required in some operating conditions. For more information, see the operation range drawing.

R-32		R-744	
VRV S-series		CO ₂ VRV	
RXYS4-6AV1/AY1	RXYS4-12AAY1	RXYN-B	
EKBPH250D		EKBPH010N (5)	
DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. See Options & Accessories of indoor units		DTA104A61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. See Options & Accessories of indoor units	
• (3)	• (3)		
Standard on unit	Standard on unit		
•			
•			

R-410A		R-410A				R-410A			
VRV IV C-series		VRV IV S-series				VRV IV i-series SB.RKXYQ			
RXYLQ RXMLQ	2/3 module systems	RXYSCQ-TV1	RXYSQ4-6TV9	RXYSQ4-6TY9	RXYSQ8-12TY1	RDXYQ5	RDXYQ8	RKXYQ5	RKXYQ8
	2 modules: BHFQ22P1007 3 modules: BHFQ22P1517								
						EKDPH1RDX	EKDPH1RDX		
of indoor unit. ssories of indoor units		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. See Options & Accessories of indoor units			
• (3)	1 kit per system (3)		• (3)	• (3)				• (3)	• (3)
BRP2A81	1 kit per system		EBRP2B						BRP2A81
				•				•	
•		•	•	•	•			•	•
•		•	•	•	•				
			•	•					

Options & accessories - **VRV** outdoor

		R-410A	R-410A	
		VRV III-Q Heat Pump Replacement VRV RQYQ 140P	VRV IV-Q Heat Pump Replacement VRV	
Kits	Multi-module connection kit (obligatory) Connects multiple modules into a single refrigerant system		RXYQQ8-20	2/3-module systems 2 modules: BHFQ22P1007 3 modules: BHFQ22P1517
	Central drain pan kit - Installs onto the underside of the outdoor unit and collects drain water from all bottom plate outlets into a single outlet. In cold areas should be heated by a field-supplied heater to prevent drain water from freezing in the drain pan.	KWC26B160		
	Bottom plate heater - To keep drain holes ice-free in extreme weather conditions (one per outdoor unit needed)		8-12: EKBPH012T7A 14-20: EKBPH020T7A	
Adapters	External control adapter for outdoor unit - Allows to activate Low Noise Operation and three levels of demand control, limiting power consumption via external dry contacts. Connects to the F1/F2 communication line and requires power supply from an indoor unit*, BSVQ box, or VRV-WIII outdoor unit.	DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. For 14-20 HP the demand PCB mounting plate is required (2). See Options & Accessories of indoor units		
	KRC19-26 Mechanical cool/heat selector – allows to switch an entire Heat Pump system, or one BS-box of a Heat Recovery system between cooling, heating and fan only. Connects to the A-B-C terminals of the outdoor unit / BS-box.	• (3)	• (3)	1 kit per system
	BRP2A81 Cool/heat selector PCB (required to connect KRC19-26 to VRV IV outdoor)		•	1 kit per system
Others	EKPCCAB4 VRV configurator		•	
	DTA109A51 DIII-net expander adapter			

(1) For installations with special requirements towards fire regulations, the insulation material can be replaced using kits EKHBFO1 and EKHBFO2.
The kits contain insulation material that complies with EN13501-1:B-S3,dO and B5476-7 (class I)

(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 (for CO ₂ systems field supplied T-joints must be used)			
		Capacity index < 200	Capacity index 200 ≤ x < 290	Capacity index 290 ≤ x < 640	Capacity index > 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
	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				
	Joint kit				
	Quiet kit				
	Duct connection: To connect extraction of BSSV boxes in serial				
	Drain pump kit				

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

(2) not applicable for SVIA25A

Options & accessories

- *VRV* indoor

			R-32	R-32	R-32
			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 Plus NEW BRC1KPD51W (White), BRC1KPD51K (Black) - Intuitive wired remote controller with color touchscreen and modern design		• (mandatory)	• (mandatory)	• (mandatory)
	Madoka BRC1H52W7 (White) / BRC1H52S7 (Silver) / BRC1H52K7 (Black) User-friendly wired remote controller		• (mandatory)	• (mandatory)	• (mandatory)
Centralised control systems	BRC1E53A/B/C - Wired remote control with full-text interface and back-light				
	BRC1D52 (4) - Standard wired remote control with weekly timer				
	DCC601A51 - intelligent Tablet Controller		•	•	•
	DCS601C51 (12) - intelligent Touch Controller		•	•	•
Building Management System & Standard protocol interfaces	DCS302C51 (12) - Central remote controller		•	•	•
	DCS301B51 (12) (13) - Unified ON/OFF controller		•	•	•
	EKMBPPIA - 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		•	•	•
	DCM601B51 - intelligent Touch Manager		•	•	•
	DGE601A51 - Edge adapter for connection to Daikin Cloud Plus		•	•	•
	DGE602A51 - Edge lite adapter for connection to Daikin Cloud Plus		•	•	•
	EKMBDXB - Modbus interface		•	•	•
	DCM010A51 - Daikin PMS interface		•	•	•
	DMS502A51 - BACnet Interface		•	•	•
	DMS504B51 - LonWorks Interface		•	•	•
Filters	Auto cleaning filter		see decoration panel		
	UV Streamer kit (purifies the air of pollutants such as viruses, bacteria, fine dust, 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		KAF551ID160	KAF441C60	
	Pre-filter				
Wiring and sensors	Filter chamber				
	KRCS - External wired temperature sensor		KRCS01-5B	KRCS01-6B	KRCS01-6B
Adapters	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)
	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)		EKRPI1C12 (2)(7)	EKRPI1C14 (2)	EKRPI1C14 (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
Others	Relay PCB for output signal of refrigerant sensor		ERP01A51 (2)	ERP01A50 (2)	ERP01A50 (2)
	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/BRC1K* 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* / BRC1K* / BRC1E*

Control systems	Commercial & Transport Refrigeration	Air handling units	Fan coil units	Chillers	Marine Industry	Commercial Ventilation & Air purification	VRV	Rooftop	Sky Air	Split	Heating	Residential indoor air quality	Introduction
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(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

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 - indoor & hot water 

Options & accessories - 

indoor & hot water  

			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: BYK71G	
	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 Plus NEW BRC1KPD51W(White), BRC1KPD51K(Black) - Intuitive wired remote controller with color touchscreen and modern design		•	•	•	•	
	Madoka BRC1H52W7 (White) / BRC1H52S7 (Silver) / BRC1H52K7 (Black)		•	•	•	•	
	BRC1E53A/B/C - Wired remote control 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	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		•	•	•	•	
	DCM601B51 - intelligent Touch Manager		•	•	•	•	
	DGE601A51 - Edge adapter for connection to Daikin Cloud Plus		•	•	•	•	
	DGE602A51 - Edge lite adapter for connection to Daikin Cloud Plus		•	•	•	•	
	EKMBDXB - Modbus interface		•	•	•	•	
	DCM010A51 - Daikin PMS interface		•	•	•	•	
	DMS502A51 - BACnet Interface		•	•	•	•	
	DMS504B51 - LonWorks Interface		•	•	•	•	
	Filters	Auto cleaning filter		see decoration panel			
		UV Streamer kit (purifies the air of pollutants such as viruses, bacteria, fine dust, odours, allergens, etc ensuring a healthy indoor environment)	UV Streamer kit Replacement filter	BAEF125AWB (22) 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 SB, K.RSS_FDA (EKEWTSC-1 + K.RSS)	
	K.RSS - External wireless temperature sensor		K.RSS	K.RSS	•		
Adapters	Adapter with 2 output signals (Compressor / Error, Fan output)		KRP1BA58 (2)(7)	KRP1B57 (2)			
	Adapter with 4 output signals (Compressor / Error, Fan, Aux. heater, Humidifier output)		EKRPI1C2 (2)(7)	EKRPIB2 (2)	EKRPIB2 (2)	EKRPI1C14 (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)		KRP1K98A (7) KRP1BC101	KRP1BC101	KRP1C96 (16) (17)	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/BRC1K* 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* / BRC1K* / BRC1E*

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

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

(14) Wire harness EKEWTSC is necessary

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

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

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

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

Concealed ceiling units (duct units)				Ceiling suspended units		Wall mounted units	Floor standing units	
Slim	Medium ESP	High ESP		1-way blow	4-way blow		Concealed	Free-standing
FXDQ-A3	FXSQ-A	FXMQ-P7	FXMQ-A	FXHQ-A	FXUQ-A	FXAQ-A	FXNQ-A	FXLQ-P
								20~25: EKRD25A5 32~40: EKRD40A5 50~63: EKRD63A5
					KDBHP49B140 + KDBTP49B140			
BRC4C65	BRC4C65	BRC4C65	BRC4C65	BRC7GA53-9	BRC7C58	BRC7EA629 / BRC7EA628	BRC4C65	BRC4C65
•	•	•	•	•	•	•	•	•
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15-32: BAE20A62 40-50: BAE20A82 63: BAE20A102								
			High-efficiency filter 65% : BAFM503A250 High-efficiency filter 90% : BAFH504A250					
			BAFL502A250 (21)	32: KAF501B56 63: KAF501B80 100: KAF501B160	KAF5511D160			20~25: KAF361L28 32~40: KAF361L45 50~63: KAF361L71
			BAFL501A250 BDD500B250 KRC501-8B					
KRC501-4	KRC501-4	KRC501-4	KRC501-4	KRC501-4	KRC501-4	KRC501-1	KRSC01-4	KRC501-1
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		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		KRP1D93B (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 EKMAHTB 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	EKH8DP2CA2	-
Digital I/O PCB	EKRPIHBAA	EKRPIHBAA
Demand PCB - Required to connect room thermostat	EKRPIAHTA	EKRPIAHTA
Remote user interface (remocon) - Same controller as supplied with cascade unit can be mounted parallel or on other location. If 2 controllers are installed, the installer needs to select 1 master & 1 slave		
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	EKRTE5 (24)	EKRTE5 (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