

New VRV IV C+series,
designed for even
the coldest regions



DAIKIN OPTIMISED HEATING

- ❄️ 100% varmingskapasitet ned til -15 ° C
- ❄️ Varmgassløyfe i bunnpanne
- ❄️ Opptil 5 timer mellom avriming



VRV

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**PRIS PÅ
FORESPØRSEL**



Welcome the next generation of VRV

Lower CO₂ equivalent and market-leading flexibility



Top sustainability

- ✓ 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



Market-leading serviceability and handling

- ✓ Low-height single fan range
- ✓ Easy to transport thanks to lightweight and compact design
- ✓ Wide access area to easily reach all key components

Market-leading flexibility

- ✓ Offering like-for-like R-410A flexibility
- ✓ Specially designed indoor units for R32, ensuring low sound and maximum efficiency
- ✓ New 10 class indoor unit



VRV

Towards a circular economy of refrigerants

Externally Certified Quality

Certified Allocated Quantity



Reclaimed and reused within Europe

Reclaiming R-410A is just the start

Daikin launches new VRV ranges with Certified Reclaimed Refrigerant Allocation, reusing existing refrigerant

Now it's easier to make a positive choice to reduce the environmental impact of your air conditioning systems by choosing VRV IV⁺ Heat Recovery and VRV IV S-series units with **Certified Reclaimed Refrigerant Allocation**.

Exclusive to Daikin, a substantial amount of reclaimed refrigerant is now used in our units and:

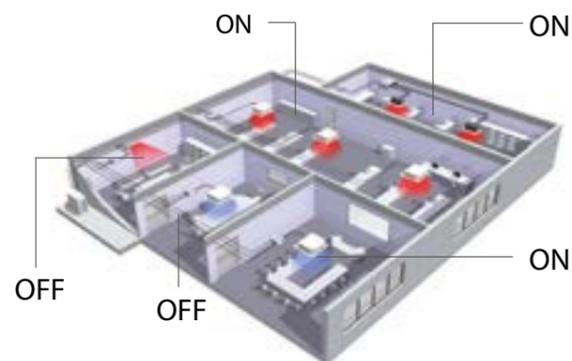
- › Is independently certified as the same quality as virgin refrigerant
- › Is administratively allocated 100% to VRV IV⁺ Heat Recovery and VRV IV S-series units
- › Has zero impact on F-gas quota, as reclaimed and reused within Europe
- › Saves more than 150,000 kg of virgin gas being manufactured each year
- › Supports the development of a circular economy in our industry



But VRV is more... standard VRV features

Low running costs

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

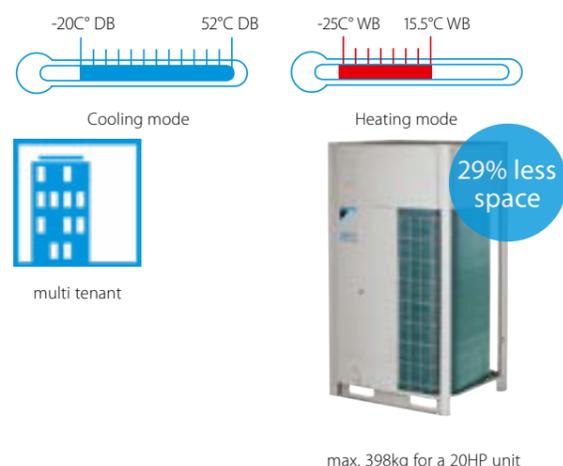


Great design flexibility

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

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

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

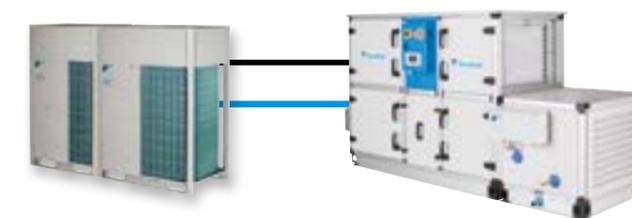


Reliable

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

Easy installation and servicing

- › Automatic testing and refrigerant charging
- › Easy servicing and F-gas compliance with remote refrigerant containment check
- › VRV configurator software
- › Compact unit design



- › Daikin unified REFNET piping
- › Easy wiring
- › Plug & play connection for VRV to Daikin Air Handling Units, the easiest solution with only one point of contact

High comfort levels

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



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





3 options:

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

indoor installation of outdoor units





VRV for offices and banks

Efficiency in the workplace



Efficient building and facilities management are key to minimising operational costs

Our solutions for offices:

- › Unique cassette integrating fully flat into architectural ceilings
- › Intelligent sensors
 - maximise efficiency by switching off the unit if there is nobody in the (meeting) room
 - maximise comfort by directing the air flow away from people to avoid cold draughts
- › A complete Daikin mini Building Energy Management System (BEMS), with the Intelligent Touch Manager
- › Plug & play connection to air handling units for a healthier office atmosphere
- › Hot water production for sanitary use (e.g. kitchens) and space heating (e.g. underfloor loops)
- › Truly reliable technical cooling down to -20°C, including duty/standby function



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DaikinEurope

VRV for hotels

Hospitality with economy



Maximum guest comfort, while keeping control of your costs.

Our solutions for hotels:

- › Low cost heating and hot water by recovering heat from areas requiring cooling
- › The perfect personal environment for guests by simultaneously heating spaces while cooling others
- › Concealed ceiling units offer very low sound levels ensuring a good night's rest
- › Smart energy management via Intelligent Touch Manager puts the hotel owner in full control of energy costs
- › Intelligent and user-friendly hotel room controllers change the set point automatically when a guest leaves the room or opens the window
- › Easy integration in hotel booking software
- › Hot water production for bathrooms, underfloor heating and radiators up to 80°C

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Hotel



Bank / Retail



VRV for retail

Reducing retail costs



Affordable & efficient solutions minimize lifetime costs.

Our retail solutions:

- › Compact inverter heat pump technology
- › Unique round flow cassettes with autocleaning panel saving up to 50% of energy use compared to standard cassette units
- › Intuitive touch screen intelligent Tablet Controller allowing multi site control via the Daikin Cloud Service
- › Individual control of each indoor unit or shop zone
- › Savings on runningcost via pre/post trade modes, limiting energy use by lights, air conditioning, ...
- › The most efficient open-door solution with Biddle air curtains

VRV for residential use

There is no place like home



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

Our residential solutions:

- › Lower CO₂ emissions compared to traditional heating systems
- › Compact outdoor unit design with a low sound level
- › Whisper-quiet indoor units down to 19dBA
- › Control and manage your system from anywhere you are via the cloud
- › Up to 9 indoor units that can be connected to one outdoor unit

Want to know more
about our commercial
solutions?



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DaikinEurope

Residential



NEW

VRV

R-32 NYHET

VRV 5 outdoor unit overview

Model	Product name	Capacity class (kW)		
		4	5	6
UNIQUE VRV 5 S-series Air-cooled heat pump Lower CO ₂ equivalent and market-leading flexibility > Compact single fan design saves space and is easy to install > Market-leading serviceability and handling > Reduced CO ₂ equivalent thanks to the use of lower GWP R-32 refrigerant and lower refrigerant charge > Offering like-for-like R-410A flexibility	RXYSA-AV1 / AY1 	1~	•	•
		3~	•	•

With new Madoka BRC1H52W/S/K!



VRV 5 indoor unit overview

Type Model	Product name	Capacity class (kW)															
		10	15	20	25	32	40	50	63	71	80	100	125	140	200	250	
UNIQUE Round flow cassette 360° air discharge for optimum efficiency and comfort > Auto cleaning function ensures high efficiency > Intelligent sensors save energy and maximize comfort > Flexibility to suit every room layout > Lowest installation height in the market! > Widest choice ever in decoration panel designs and colors	ROUND FLOW FXFA-A 			•	•	•	•	•	•	•	•	•	•	•	•	•	•
	UNIQUE Fully flat cassette Unique design that integrates fully flat into the ceiling > Perfect integration in standard architectural ceiling tiles > Blend of iconic design and engineering excellence > Intelligent sensors save energy and maximize comfort > Small capacity unit developed for small or well-insulated rooms > Flexibility to suit every room layout	FXZA-A 	•	•	•	•	•	•	•	•							
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	UNIQUE FXDA-A 	•	•	•	•	•	•	•	•	•							
	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 	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
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



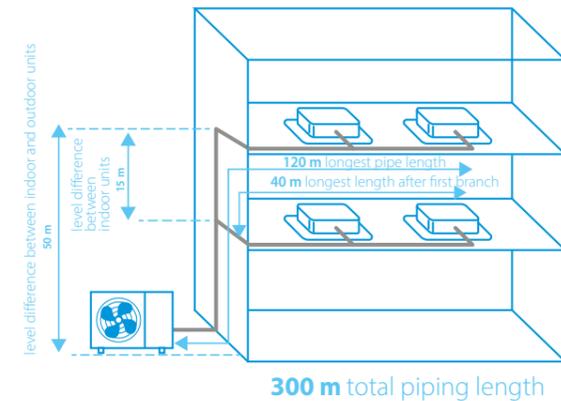
Next generation VRV

- New asymmetric fan design**
 - > Two high ESP settings
 - > Low sound levels
- Compact dimensions**
 - > Easy to transport thanks to compact size and single-fan design
- New casing design with 4 handles for easy carrying**
- Specially designed grille**
 - > Low pressure drop
 - > No risk for accidental reach of the fan
- Refrigerant cooled PCB**
 - With integrated:
 - > cool/heat selector input
 - > 7-segment display for quicker and more precise error and setting reading
- New stop valves**
 - > Repositioned to allow front or side connection
 - > Brazed for increased reliability
- Unique 3-row heat exchanger**
 - > Contributes to top seasonal efficiency
- Unique Daikin swing compressor**
 - > No abrasion possible
 - > No refrigerant leak possible
 - > High seasonal efficiencies
- Black and designer panels**
- Auto cleaning filter option**

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
- › Offering like-for-like R-410A flexibility
- › Specially designed indoor units for R-32, ensuring low sound and maximum efficiency



300 m total piping length



- Reduced CO₂ equivalent
- Like-for-like R-410A installation flexibility
- Published data with real-life indoor units

Outdoor unit				RXYSA4AV1	RXYSA5AV1	RXYSA6AV1	RXYSA4AY1	RXYSA5AY1	RXYSA6AY1
Capacity range			HP	4	5	6	4	5	6
Cooling capacity	Prated,c		kW	12.1	14.0	15.5	12.1	14.0	15.5
Heating capacity	Prated,h		kW	8.4	9.7	10.7	8.4	9.7	10.7
	Max.	6°CWB	kW	14.2	16.0	18.0	14.2	16.0	18.0
Recommended combination				3xFXSA25 + 1xFXSA32	4xFXSA32	2xFXSA32 + 2xFXSA40	3xFXSA25 + 1xFXSA32	4xFXSA32	2xFXSA32 + 2xFXSA40
η _{s,c}			%	324.5	306.1	301.0	312.5	294.8	289.9
η _{s,h}			%	200.5	185.7	183.6	193.1	178.8	176.8
SEER				8.2	7.7	7.6	7.9	7.4	7.3
SCOP				5.1	4.7	4.7	4.9	4.5	4.5
Maximum number of connectable indoor units				64 (1)					
Indoor index connection	Min.			50	62.5	70	50	62.5	70
	Nom.			100	125	140	100	125	140
	Max.			130	162.5	182	130	162.5	182
Dimensions	Unit	HeightxWidthxDepth	mm	870x1,100x460					
Weight	Unit		kg	103			102		
	Sound power level	Cooling	Nom.	67	68.1	69	67	68.1	69
Sound pressure level	Heating	Nom.	68	69.2	70	68	69.2	70	
	Cooling	Nom.	49	51	51	49	51	51	
Operation range	Heating	Nom.	50	52	52	50	52	52	
	Cooling	Min.~Max.	°CDB	-5.0 ~ 46.0					
Refrigerant	Heating	Min.~Max.	°CWB	-20.0 ~ 15.5					
	Type/GWP			R-32/675					
Piping connections	Charge		kg/TCO ₂ Eq	3.4 / 2.3					
	Liquid	OD	mm	9.52					
Total piping length	Gas	OD	mm	15.9					
	system	Actual	m	300					
Height Difference	OU-IU	Outdoor unit in highest position	m	50					
		Indoor unit in highest position	m	40					
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240			3~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)		A	32			16		

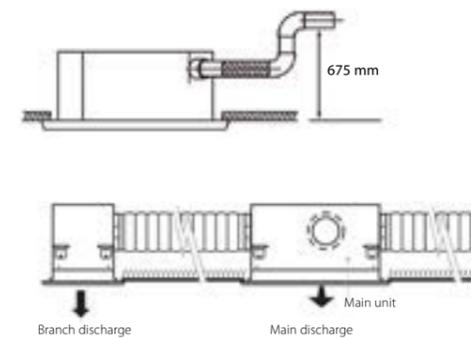
*Note: blue cells contain preliminary data
(1) Actual number of units depends on the indoor unit type and the connection ratio restriction for the system (being 50% <= 130%)

Round flow cassette



360° air discharge for optimum efficiency and comfort

- › Optimised design for R-32 refrigerant
- › Optional automatic filter cleaning 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, standard and autocleaning panels in white (RAL9010) and black (RAL9005)
- › Bigger flaps and unique swing pattern improve equal air distribution
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Lowest installation height in the market: 214mm for class 20-63
- › Optional fresh air intake
- › Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
- › Standard drain pump with 675mm lift increases flexibility and installation speed



Indoor unit			FXFA	20A	25A	32A	40A	50A	63A	80A	100A	125A			
Cooling capacity	Total capacity	Nom.	kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0			
	Heating capacity	Total capacity	Nom.	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0			
Power input - 50Hz	Cooling	Nom.	kW	0.04			0.05			0.06	0.09	0.12	0.19		
	Heating	Nom.	kW	0.04			0.05			0.06	0.09	0.11	0.18		
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840						246x840x840		288x840x840			
Weight	Unit		kg	19			20			21		24			
Casing	Material			Galvanised steel plate											
	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											
Fan	Dimensions	HeightxWidthxDepth	mm	Standard panels: 50x950x950 / Auto cleaning panels: 130x950x950 / Designer panels: 50x950x950											
	Weight		kg	Standard panels: 5.4 / Auto cleaning panels: 10.3 / Designer panels: 5.4											
Air flow rate - 50Hz	Cooling	Low/High	m ³ /min	8.8/12.5			9.5/13.6			10.5/15.0			10.5/16.5		
	Heating	Low/High	m ³ /min	8.8/12.5			9.5/13.6			10.5/15.0			10.5/16.5		
Sound power level	Type			Resin net											
	Cooling	High	dB(A)	49			51			53			55		
Sound pressure level	Cooling	Low/Nom./High	dB(A)	28.0/29.0/31.0			29.0/31.0/33.0			30.0/33.0/35.0			30.0/34.0/38.0		
	Heating	Low/Nom./High	dB(A)	28.0/29.0/31.0			29.0/31.0/33.0			30.0/33.0/35.0			30.0/34.0/38.0		
Refrigerant	Type/GWP			R-32 / 675											
Piping connections	Liquid	OD	mm	6.35						9.52					
	Gas	OD	mm	9.52						12.7					
Drain				VP25 (O.D. 32 / I.D. 25)											
	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220											
Current - 50Hz	Maximum fuse amps (MFA) (1)		A	16											
Control systems	Infrared remote control			BRC7FA532F (2)											
	Wired remote control			BRC1H52W/S/K											

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing

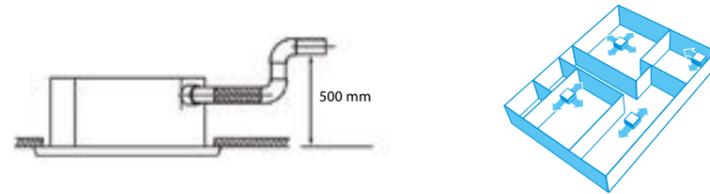
*Note: blue cells contain preliminary data



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



Indoor unit		FXZA	15A	20A	25A	32A	40A	50A		
Cooling capacity	Total capacity	Nom.	kW	1.7	2.2	2.8	3.6	4.5	5.6	
	Heating capacity	Total capacity	Nom.	kW	1.9	2.5	3.2	4.0	5.0	6.3
Power input - 50Hz	Cooling	Nom.	kW	0.043		0.045		0.059	0.092	
	Heating	Nom.	kW	0.036		0.038		0.053	0.086	
Dimensions	Unit	HeightxWidthxDepth	mm						260x575x575	
Weight	Unit	kg		15.5		16.5		18.5		
Casing	Material	Galvanised steel plate								
Decoration panel	Model	BYFQ60C2W1W								
	Colour	White (N9.5)								
	Dimensions	HeightxWidthxDepth	mm						46x620x620	
	Weight	kg							2.8	
Decoration panel 2	Model	BYFQ60C2W1S								
	Colour	SILVER								
	Dimensions	HeightxWidthxDepth	mm						46x620x620	
	Weight	kg							2.8	
Decoration panel 3	Model	BYFQ60B2W1								
	Colour	White (RAL9010)								
	Dimensions	HeightxWidthxDepth	mm						55x700x700	
	Weight	kg							2.7	
Decoration panel 4	Model	BYFQ60B3W1								
	Colour	WHITE (RAL9010)								
	Dimensions	HeightxWidthxDepth	mm						55x700x700	
	Weight	kg							2.7	
Fan	Air flow rate - 50Hz	Cooling	Low/High	m³/min	6.5/8.5	6.5/8.7	6.5/9.0	7.0/10.0	8.0/11.5	10.0/14.5
	Heating	Low/High	m³/min	6.5/8.5	6.5/8.7	6.5/9.0	7.0/10.0	8.0/11.5	10.0/14.5	
Air filter	Type	Resin net								
Sound power level	Cooling	High	dB(A)	49		50	51	54	60	
	Sound pressure level	Cooling	Low/Nom./High	dB(A)	25.5/28.0/31.5	25.5/29.5/32.0	25.5/30.0/33.0	26.0/30.0/33.5	28.0/32.0/37.0	33.0/40.0/43.0
Refrigerant	Heating	Low/Nom./High	dB(A)	25.5/28.0/31.5	25.5/29.5/32.0	25.5/30.0/33.0	26.0/30.0/33.5	28.0/32.0/37.0	33.0/40.0/43.0	
	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	16							
Control systems	Infrared remote control	BRC7EB530W (standard panel) / BRC7F530W (white panel) / BRC7F530S (grey panel) (1)								
	Wired remote control	BRC1H52W/S/K								

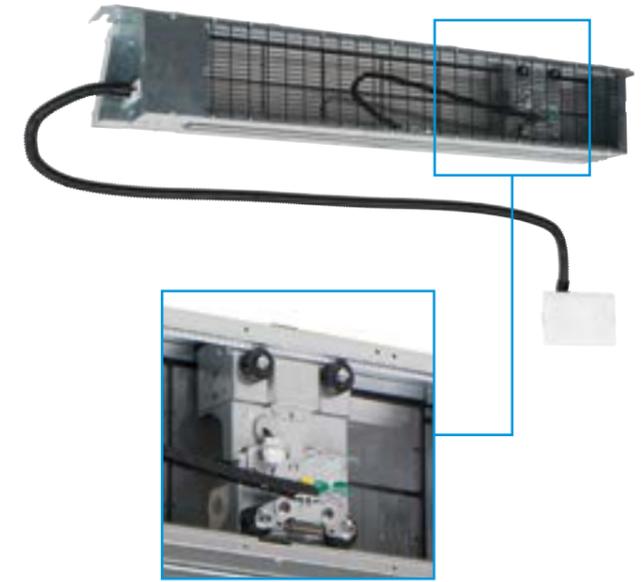
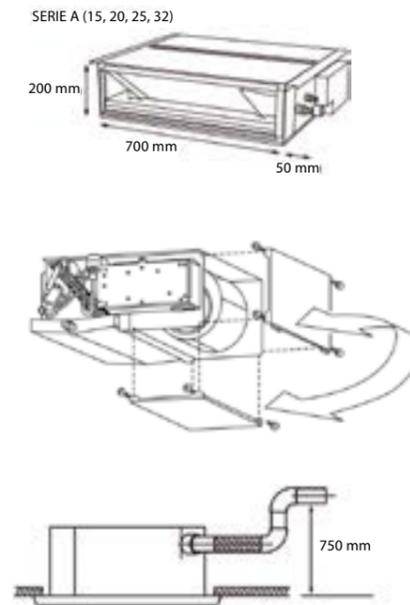
Dimensions do not include control box
(1) Must be combined with Madoka wired remote controller.

*Note: blue cells contain preliminary data

Slim concealed ceiling unit

Slim design for flexible installation

- Optimised design for R-32 refrigerant
- 10 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- Compact dimensions, can easily be mounted in a ceiling void of only 240mm
- 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 750mm lift increases flexibility and installation speed



Auto cleaning filter option

Indoor unit		FXDA	10A	15A	20A	25A	32A	40A	50A	63A	
Cooling capacity	Total capacity	Nom.	kW	1.1	1.7	2.2	2.8	3.6	4.5	7.1	
	Heating capacity	Total capacity	Nom.	kW	1.3	1.9	2.5	3.2	4.0	6.3	8.0
Power input - 50Hz	Cooling	Nom.	kW	0.062	0.071		0.078		0.099	0.110	
	Heating	Nom.	kW	0.058	0.068		0.075		0.096	0.107	
Required ceiling void >	mm										
Dimensions	Unit	HeightxWidthxDepth	mm							240	
Weight	Unit	kg		22.5	22.0		26.0		29.0		
Casing	Material	Galvanised steel									
Fan	Air flow rate - 50Hz	Cooling	Low/High	m³/min	4/5.7	6.4/7.5	6.4/8.0		8.5/10.5	10.0/12.5	13.0/16.5
	External static pressure - 50Hz	Nom./High	Pa	10/30.0					15/44.0		
Air filter	Type	Removable / washable									
Sound power level	Cooling	High	dB(A)	48	50	51		52	53	54	
	Sound pressure level	Cooling	Low/Nom./High	dB(A)	24/26/27	27.0/31.0/32.0	27.0/31.0/33.0		28.0/32.0/34.0	29.0/33.0/35.0	30.0/34.0/36.0
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	16								
Control systems	Infrared remote control	BRC4C65 / BRC4C66 (1)									
	Wired remote control	BRC1H52W/S/K									

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

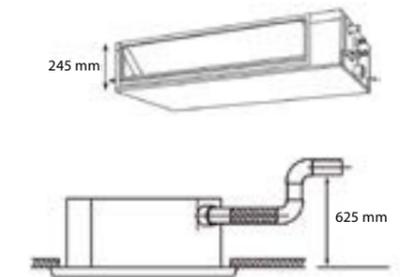
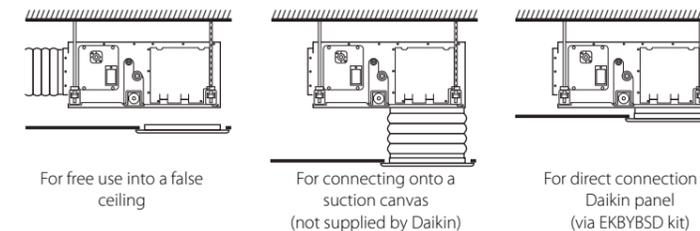
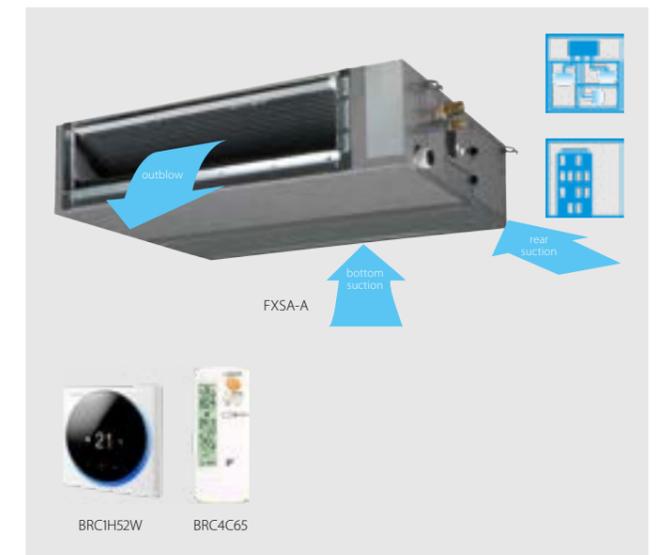
*Note: blue cells contain preliminary data



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
- › Flexible installation: air suction direction can be altered from rear to bottom suction and choice between free use or connection to optional suction grilles
- › Standard built-in drain pump with 625mm lift increases flexibility and installation speed

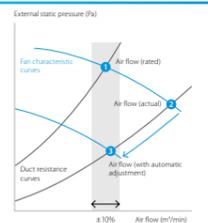


Automatic Airflow Adjustment function

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

Why?

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



Indoor unit			FXSA	15A	20A	25A	32A	40A	50A	63A	80A	100A	125A	140A	
Cooling capacity	Total capacity	Nom.	kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0	
Heating capacity	Total capacity	Nom.	kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0	18.0	
Power input - 50Hz	Cooling	Nom.	kW	0.090			0.096	0.151	0.154	0.188	0.213	0.290	0.331	0.386	
	Heating	Nom.	kW	0.086			0.092	0.147	0.150	0.183	0.209	0.285	0.326	0.382	
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 Low/High	m³/min	6.5/8.7	6.5/9.0		7.0/9.5	11.0/15.0	11.0/15.2	15.0/21.0	16.0/23.0	23.0/32.0	26.0/36.0	28.0/39.0	
		Heating Low/High	m³/min	6.5/8.7	6.5/9.0		7.0/9.5	11.0/15.0	11.0/15.2	15.0/21.0	16.0/23.0	23.0/32.0	26.0/36.0	28.0/39.0	
		External static pressure - 50Hz	Nom./High	Pa	30/150			40/150		50/150					
Air filter	Type			Resin net											
Sound power level	Cooling	High	dBA	54			55	60	59	61		64			
Sound pressure level	Cooling	Low/Nom./High	dBA	25.0/28.0/29.5	25.0/28.0/30.0		26.0/29.0/31.0	29.0/32.0/35.0	27.0/30.0/33.0	29.0/32.0/35.0	31.0/34.0/36.0	33.0/36.0/39.0	34.0/38.0/41.5		
	Heating	Low/Nom./High	dBA	26.0/29.0/31.5	26.0/29.0/32.0		27.0/30.0/33.0	29.0/34.0/37.0	28.0/32.0/35.0	30.0/34.0/37.0	31.0/34.0/37.0	33.0/37.0/40.0	34.0/38.5/42.0		
Refrigerant	Type/GWP			R-32 / 675											
Piping connections	Liquid	OD	mm	6.35			6.35		12.7		9.52				
	Gas	OD	mm	9.52			9.52		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 (1)											
	Wired remote control			BRC1H52W/S/K											

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

*Note: blue cells contain preliminary data

VRV IV Heat Recovery



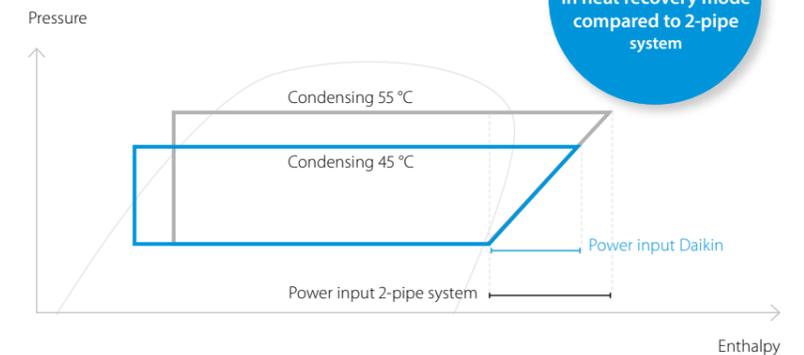
Efficient
3-pipe
system

Advantages of 3-pipe technology

More "free" heat

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

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



Innovation in detail

Certified Reclaimed Refrigerant Allocation

Make a positive choice and reuse refrigerant to avoid more than 150 000 kg of virgin gas being produced each year.

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



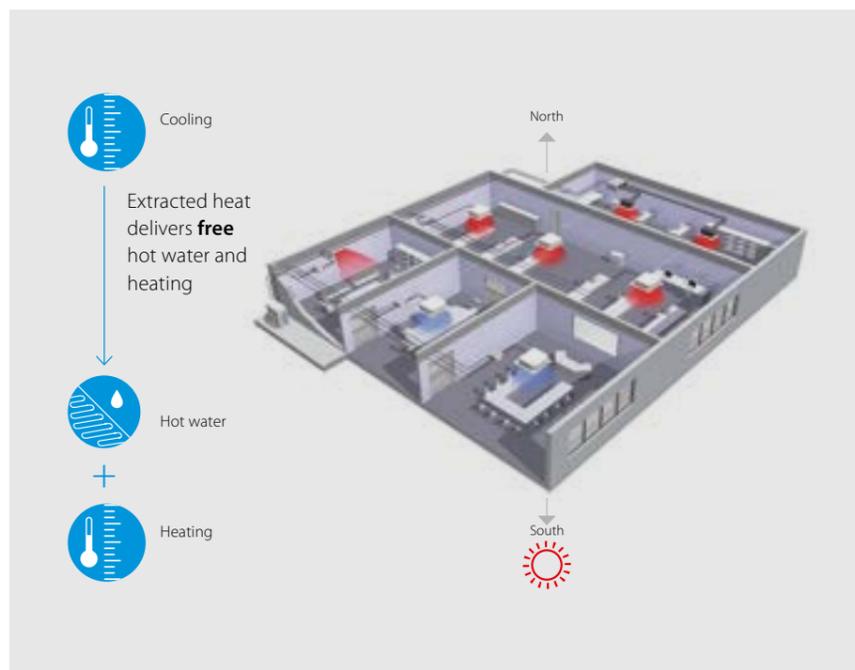
"Free" heat and hot water production

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

Maximum comfort

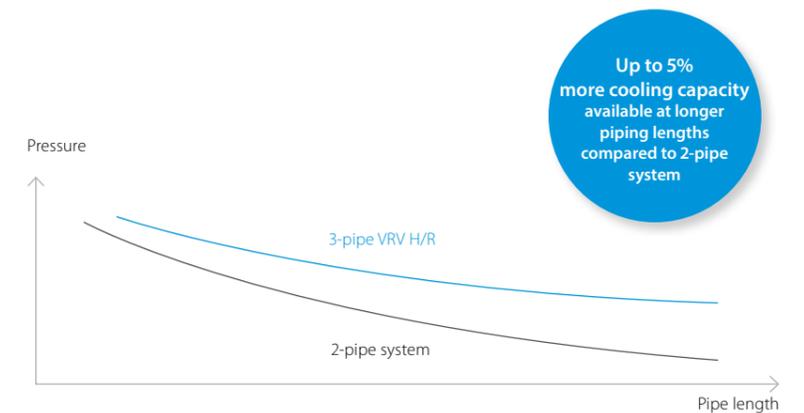
A VRV heat-recovery system allows simultaneous cooling and heating.

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



Lower pressure drop means more efficiency

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



Maximum design flexibility and installation speed

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

Single port



Multi port: 4 – 6 – 8 – 10 – 12 – 16



VRV IV+ heat recovery

Best efficiency & comfort solution

- › Fully integrated solution with heat recovery for maximum efficiency with COPs of up to 8!
- › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, air handling units and Biddle air curtains
- › „Free“ heating and hot water production provided by transferring heat from areas requiring cooling to areas requiring heating or hot water
- › The perfect personal comfort for guests/tenants via simultaneous cooling and heating
- › Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, continuous heating, VRV configurator, 7 segment display and full inverter compressors, 4-side heat exchanger, refrigerant cooled PCB, new DC fan motor
- › Outdoor unit display for quick on-site settings and easy read out of errors together with the indication of service parameters for checking basic functions.
- › Free combination of outdoor units to meet installation space or efficiency requirements
- › Wide piping flexibility: 30m indoor height difference, maximum piping length: 190m, total piping length: 1,000m
- › Possibility to extend the operation range in cooling down to -20°C for technical cooling operation such as server rooms
- › Contains all standard VRV features



By choosing this product with Certified Reclaimed Refrigerant Allocation you support the re-use of refrigerant



Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units



Outdoor unit	REYQ	8U	10U	12U	14U	16U	18U	20U	
Capacity range	HP	8	10	12	14	16	18	20	
Cooling capacity	Prated,c kW	22.4	28.0	33.5	40.0	45.0	50.4	52.0	
Heating capacity	Prated,h kW	13.7	16.0	18.4	20.6	23.2	27.9	31.0	
	Max. 6°CWB kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0	
ηs,c	%	286.1	264.8	257.0	255.8	243.1	250.6	246.7	
ηs,h	%	165.1	169.7	183.8	168.3	167.5	172.5	162.7	
SEER		7.2	6.7	6.5		6.2	6.3	6.2	
SCOP		4.2	4.3	4.7		4.3	4.4	4.1	
Maximum number of connectable indoor units					64				
Indoor index connection	Min.	100.0	125.0	150.0	175.0	200.0	225.0	250.0	
	Nom.								
	Max.	260.0	325.0	390.0	455.0	520.0	585.0	650.0	
Dimensions	Unit HeightxWidthxDepth	mm 1,685x930x765			mm 1,685x1,240x765				
Weight	Unit	kg 230			kg 314				
Sound power level	Cooling Nom.	78.0	79.1	83.4	80.9	85.6	83.8	87.9	
Sound pressure level	Cooling Nom.	57.0		61.0	60.0	63.0	62.0	65.0	
Operation range	Cooling Min.~Max.	°CDB -5.0~43.0							
	Heating Min.~Max.	°CWB -20.0~15.5							
Refrigerant	Type/GWP Charge	kg/TCO2Eq R-410A/2,087.5							
Piping connections	Liquid OD	9.7/20.2	9.8/20.5	9.9/20.7	127		11.8/24.6		
	Gas OD	952						159	
	HP/LP gas OD	19.1	22.2	19.1		28.6		28.6	
	Total piping System Actual length	m 19.1			m 1,000				
Power supply	Phase/Frequency/Voltage	Hz/V 3N~/50/380-415							
Current - 50Hz	Maximum fuse amps (MFA)	20	25	32		40			50

Outdoor unit System + Module	REYQ	10U	13U	16U	18U	20U	22U	24U	26U	28U	30U	32U
System	Outdoor unit module 1	REMQSU		REYQ8U	REYQ10U		REYQ8U	REYQ12U		REYQ16U		
	Outdoor unit module 2	REMQSU		REYQ8U	REYQ12U		REYQ16U	REYQ14U		REYQ18U		
Capacity range	HP	10	13	16	18	20	22	24	26	28	30	32
Cooling capacity	Prated,c kW	28.0	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5	83.9	90.0
Heating capacity	Prated,h kW	16.0	21.7	23.2	27.9	31.0	34.4	36.9	37.1	39.7	44.4	46.4
	Max. 6°CWB kW	32.0	41.0	50.0	56.5	62.5	69.0	75.0	82.5	87.5	94.0	100.0
ηs,c	%	275.1	301.3	288.6	272.9	266.0	260.4	257.7	257.5	251.9	266.8	243.1
ηs,h	%	158.8	160.6	168.2	167.9	175.7	178.5	167.6	175.5	174.8	179.4	169.1
SEER		7.0	7.6	7.3	6.9	6.7	6.6	6.5	6.5	6.4	6.7	6.2
SCOP		4.0	4.1	4.3		4.5		4.3	4.5	4.4	4.6	4.3
Maximum number of connectable indoor units		64										
Indoor index connection	Min.	125.0	163.0	200.0	225.0	250.0	275.0	300.0	325.0	350.0	375.0	400.0
	Nom.											
	Max.	325.0	423.0	520.0	585.0	650.0	715.0	780.0	845.0	910.0	975.0	1,040.0
Piping connections	Liquid OD	952	127		159					191		
	Gas OD	22.2								34.9		
	HP/LP gas OD	19.1	22.2					28.6				
	Total piping System Actual length	m 500			m 1,000							
Power supply	Phase/Frequency/Voltage	Hz/V 3N~/50/380-415										
Current - 50Hz	Maximum fuse amps (MFA)	40	50			63			80			



Outdoor unit System + Module	REYQ	34U	36U	38U	40U	42U	44U	46U	48U	50U	52U	54U	
System	Outdoor unit module 1	REYQ16U	REYQ8U	REYQ10U	REYQ12U	REYQ14U	REYQ16U		REYQ18U				
	Outdoor unit module 2	REYQ18U	REYQ20U	REYQ12U		REYQ16U							
	Outdoor unit module 3	REYQ18U											
Capacity range	HP	34	36	38	40	42	44	46	48	50	52	54	
Cooling capacity	Prated,c kW	95.4	97.0	106.3	111.9	118.0	123.5	130.0	135.0	140.4	145.8	151.2	
Heating capacity	Prated,h kW	51.1	54.2	58.1	58.9	60.9	62.9	67.0	69.6	74.3	79.0	83.7	
	Max. 6°CWB kW	106.5	113.0	119.0	125.5	131.5	137.5	145.0	150.0	156.5	163.0	169.5	
ηs,c	%	259.2	255.3	269.2	259.6	250.2	249.3	246.8	243.1	254.4	265.7	275.2	
ηs,h	%	172.0	166.3	176.0	176.1	167.8	171.9	168.8	168.5	170.3	171.7	173.3	
SEER		6.6	6.5	6.8	6.6	6.3		6.2	6.4	6.7	7.0		
SCOP		4.4	4.2	4.5		4.3	4.4	4.3		4.4			
Maximum number of connectable indoor units		64											
Indoor index connection	Min.	425.0	450.0	475.0	500.0	525.0	550.0	575.0	600.0	625.0	650.0	675.0	
	Nom.												
	Max.	1,105.0	1,170.0	1,235.0	1,300.0	1,365.0	1,430.0	1,495.0	1,560.0	1,625.0	1,690.0	1,755.0	
Piping connections	Liquid OD	mm 191											
	Gas OD	34.9		41.3									
	HP/LP gas OD	28.6		34.9									
	Total piping System Actual length	m 1,000											
Power supply	Phase/Frequency/Voltage	Hz/V 3N~/50/380-415											
Current - 50Hz	Maximum fuse amps (MFA)	80	100			125							

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

VRV IV+ heat pump

Daikin's optimum solution with top comfort

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



Up to 30m indoor unit height difference

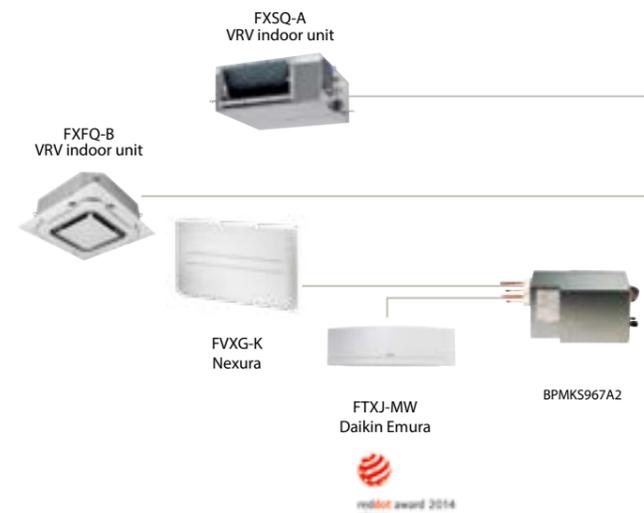


Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units

Outdoor unit		RYYQ/RXYQ	8U	10U	12U	14U	16U	18U	20U
Capacity range	HP		8	10	12	14	16	18	20
Cooling capacity	Prated,c	kW	22.4	28.0	33.5	40.0	45.0	50.4	52.0
	Prated,h	kW	13.7	16.0	18.4	20.6	23.2	27.9	31.0
Heating capacity	Max.	kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0
	6°CWB								
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 + 6 x FXFQ80AVEB	2 x FXFQ50AVEB + 6 x FXFQ63AVEB
ηs,c	%		302.4	267.6	247.8	250.7	236.5	238.3	233.7
ηs,h	%		167.9	168.2	161.4	155.4	157.8	163.1	156.6
SEER			7.6	6.8	6.3	6.0	6.0	5.9	5.9
SCOP			4.3	4.1	4.0	4.0	4.2	4.0	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
	Nom.								
	Max.		260.0	325.0	390.0	455.0	520.0	585.0	650.0
Dimensions	Unit	HeightxWidthxDp	1,685x930x765			1,685x1,240x765			
Weight	Unit		252 (RYYQ) / 198 (RXYQ)			319 (RYYQ) / 275 (RXYQ)		378 (RYYQ) / 308 (RXYQ)	
Sound power level	Cooling	Nom.	78.0	79.1	83.4	80.9	85.6	83.8	87.9
	Heating	Nom.	57.0	61.0	60.0	63.0	62.0	65.0	
Operation range	Cooling	Min.-Max.	-5.0~43.0						
	Heating	Min.-Max.	-20.0~-15.5						
Refrigerant	Type/GWP		R-410A/2,087.5						
	Charge	kg/TCO2Eq	5.9/12.3	6.0/12.5	6.3/13.2	10.3/21.5	10.4/21.7	11.7/24.4	11.8/24.6
Piping connections	Liquid	OD	9.52		12.7		15.9		
	Gas	OD	19.1	22.2	28.6				
	Total piping length	System Actual	1,000						
Power supply	Phase/Frequency/Voltage		3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)	A	20	25	32	40	50		

Outdoor unit System		RYYQ/RXYQ	22U	24U	26U	28U	30U	32U	34U	36U	38U
System	Outdoor unit module 1		10	8	12	12	16	16	16	20	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
	Prated,h	kW	34.4	36.9	39.0	41.6	46.3	46.4	51.1	54.2	60.7
Heating capacity	Max.	kW	69.0	75.0	82.5	87.5	94.0	100.0	106.5	113.0	119.5
	6°CWB										
Recommended combination			6 x FXFQ50AVEB + 4 x FXFQ63AVEB + 2 x FXFQ80AVEB	4 x FXFQ50AVEB + 4 x FXFQ63AVEB	7 x FXFQ50AVEB + 5 x FXFQ63AVEB + 2 x FXFQ80AVEB	6 x FXFQ50AVEB + 4 x FXFQ63AVEB + 2 x FXFQ80AVEB	9 x FXFQ50AVEB + 5 x FXFQ63AVEB	8 x FXFQ63AVEB + 4 x FXFQ80AVEB	3 x FXFQ50AVEB + 9 x FXFQ63AVEB + 2 x FXFQ80AVEB	2 x FXFQ50AVEB + 10 x FXFQ63AVEB + 2 x FXFQ80AVEB	6 x FXFQ50AVEB + 10 x FXFQ63AVEB
ηs,c	%		274.5	269.9	264.2	257.8	256.8	251.7	253.3	250.8	272.4
ηs,h	%		171.2	167.0	164.6	166.0	169.8	163.1	166.2	162.4	167.5
SEER			6.9	6.8	6.7	6.5	6.4	6.4	6.3	6.3	6.9
SCOP			4.4	4.3	4.2	4.3	4.2	4.1	4.1	4.3	4.3
Maximum number of connectable indoor units						64 ⁽¹⁾					
Indoor index connection	Min.		275.0	300.0	325.0	350.0	375.0	400.0	425.0	450.0	475.0
	Nom.										
	Max.		715.0	780.0	845.0	910.0	975.0	1,040.0	1,105.0	1,170.0	1,235.0
Piping connections	Liquid	OD	15.9		19.1		41.3				
	Gas	OD	28.6	34.9				41.3			
	Total piping length	System Actual	1,000								
Power supply	Phase/Frequency/Voltage		3N~/50/380-415								
Current - 50Hz	Maximum fuse amps (MFA)	A	63			80			100		



Connectable stylish indoor units

		20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS
Daikin Emura - Wall mounted unit	FTXJ-MW/MS	•	•	•		•
Stylish - Wall mounted unit	FTXA-A	•	•	•	•	•
Nexura - Floor standing unit	FVXG-K		•	•		•
Floor standing unit	FVXM-F		•	•		•

BPMKS box needed to connect RA indoors to VRV IV

Outdoor unit System		RYYQ/RXYQ	40U	42U	44U	46U	48U	50U	52U	54U	
System	Outdoor unit module 1		10	12	14	16	16	16	18	18	
	Outdoor unit module 2		12			16				18	
	Outdoor unit module 3		18			16				18	
Capacity range	HP		40	42	44	46	48	50	52	54	
Cooling capacity	Prated,c	kW	111.9	118.0	123.5	130.0	135.0	140.4	145.8	151.2	
	Prated,h	kW	62.3	62.4	64.8	67.0	69.6	74.3	79.0	83.7	
Heating capacity	Max.	kW	125.5	131.5	137.5	145.0	150.0	156.5	163.0	169.5	
	6°CWB										
Recommended combination			9 x FXFQ50AVEB + 9 x FXFQ63AVEB	12 x FXFQ63AVEB + 4 x FXFQ80AVEB	6 x FXFQ50AVEB + 8 x FXFQ63AVEB + 4 x FXFQ80AVEB	1 x FXFQ50AVEB + 13 x FXFQ63AVEB + 4 x FXFQ80AVEB	12 x FXFQ63AVEB + 6 x FXFQ80AVEB	3 x FXFQ50AVEB + 13 x FXFQ63AVEB + 4 x FXFQ80AVEB	6 x FXFQ50AVEB + 14 x FXFQ63AVEB + 2 x FXFQ80AVEB	9 x FXFQ50AVEB + 15 x FXFQ63AVEB	
ηs,c	%		263.5	261.2	255.9	254.9	251.7	252.8	253.7	254.1	
ηs,h	%		170.0	165.5	164.5	162.0	162.8	165.2	167.2	169.4	
SEER			6.7	6.6	6.5		6.4	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	
	Nom.										
	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	19.1								
	Gas	OD	41.3								
	Total piping length	System Actual	1,000								
Power supply	Phase/Frequency/Voltage		3N~/50/380-415								
Current - 50Hz	Maximum fuse amps (MFA)	A	100			125					

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

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



VRV IV S-series heat pump

Now also available with R-32 refrigerant!

RXYSQ-TV1 / RXYSQ-TV9 / RXYSQ-TY(9)

A wide range, big on features

They may be discreet, but Daikin VRV IV S-series units stand out when it comes to benefits they deliver. They provide the perfect indoor climate, while remaining totally discreet from the outside. If you need efficient and effective air conditioning from a completely unnoticeable unit, look no further.

Features

- › A wide range of stylish residential or commercial indoor units can be connected
- › A total air conditioning solution integrating air handling units and/or air curtains
- › Complete reliability thanks to refrigerant-cooled PCB
- › Suitable for bigger projects of up to 150 to 200m²
- › Light weight unit (down to 88kg) is easy to install and handle
- › A perfect match for any application thanks to the wide range of small-footprint units
- › Widest range of front blow units on the market

Total solution



Most compact unit on the market 823mm high & 88kg



NEW



RXYSQ-TV1

VRV IV S-series compact heat pump

The most compact VRV

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



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

Connectable stylish indoor units

		15 CLASS	20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS	60 CLASS	71 CLASS
Round flow cassette	FCAG-B				•		•	•	•
Fully flat cassette	FFA-A9			•	•		•	•	•
Slim concealed ceiling unit	FDXM-F9			•	•		•	•	•
Concealed ceiling unit with inverter driven fan	FBA-A(9)			•	•		•	•	•
Daikin Emura - Wall mounted unit	FTXJ-MW/MS		•	•	•		•	•	•
Stylish - Wall mounted unit	FTXA-A		•	•	•	•	•	•	•
Perfera - Wall mounted unit	CTXM-N / FTXM-N	•	•	•	•	•	•	•	•
Ceiling suspended unit	FHA-A(9)				•		•	•	•
Nexura - Floor standing unit	FVXG-K			•	•		•	•	•
Floor standing unit	FVXM-F			•	•		•	•	•
Concealed floorstanding unit	FNA-A9			•	•		•	•	•

					NEW
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	8.4		9.7	10.7
	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	
Indoor index connection	Min.		50.0	62.5	70.0
	Nom.			-	
	Max.		130.0	162.5	182.0
Dimensions	Unit HeightxWidthxDPTH	mm	823x940x460		
Weight	Unit	kg	89		
Sound power level	Cooling Nom.	dB(A)	68.0	69.0	70.0
	Heating Nom.	dB(A)	51.0	52.0	53.0
Operation range	Cooling Min.~Max.	°CDB	-5.0~46.0		
	Heating Min.~Max.	°CWB	-20.0~15.5		
Refrigerant	Type/GWP		R-410A/2,087.5		
	Charge	kg/TCO2Eq	3.7/7.7		
Piping connections	Liquid OD	mm	9.52		
	Gas OD	mm	15.9		
	Total piping System Actual length	m	300		
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240		
Current - 50Hz	Maximum fuse amps (MFA)	A	32		

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

VRV IV S-series heat pump

Space saving solution without compromising on efficiency

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



RXYSQ4-6TV9_TY9



By choosing this product with Certified Reclaimed Refrigerant Allocation you support the re-use of refrigerant



Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units

Connectable stylish indoor units

		15 CLASS	20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS	60 CLASS	71 CLASS
Round flow cassette	FCAG-B				•		•	•	•
Fully flat cassette	FFA-A9			•	•		•	•	•
Slim concealed ceiling unit	FDXM-F9			•	•		•	•	
Concealed ceiling unit with inverter driven fan	FBA-A(9)			•	•		•	•	
Daikin Emura - Wall mounted unit	FTXJ-MW/MS		•	•	•		•	•	
Stylish - Wall mounted unit	FTXA-A		•	•	•	•	•	•	
Perfera - Wall mounted unit	CTXM-N / FTXM-N	•	•	•	•	•	•	•	•
Ceiling suspended unit	FHA-A(9)			•	•		•	•	
Nexura - Floor standing unit	FVXG-K			•	•		•	•	
Floor standing unit	FVXM-F			•	•		•	•	
Concealed floorstanding unit	FNA-A9			•	•		•	•	

Outdoor unit		RXYSQ/RXYSQ/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
	Prated,h	kW	8.0	9.2	10.2	8.0	9.2	10.2	14.9	19.6	23.5
Heating capacity	Max.	kW	14.2	16.0	18.0	14.2	16.0	18.0	25.0	31.5	37.5
	6°CWB	kW	14.2	16.0	18.0	14.2	16.0	18.0	25.0	31.5	37.5
η _{s,c}		%	278.9	270.1	278.0	269.2	260.5	268.3	247.3	247.4	256.5
η _{s,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								
Indoor index connection	Min.		50.0	62.5	70.0	50.0	62.5	70.0	100.0	125.0	150.0
	Nom.										
	Max.		130.0	162.5	182.0	130.0	162.5	182.0	260.0	325.0	390.0
Dimensions	Unit	HeightxWidthxDepth	mm			mm			mm		
			1,345x900x320			1,430x940x320			1,615x940x460		
Weight	Unit		kg			kg			kg		
			104			144			175		
Sound power level	Cooling	Nom.	dBA			dBA			dBA		
			68.0	69.0	70.0	68.0	69.0	70.0	73.0	74.0	76.0
Sound pressure level	Cooling	Nom.	dBA			dBA			dBA		
			50.0	51.0	50.0	50.0	51.0	55.0	55.0	57.0	57.0
Operation range	Cooling	Min.~Max.	°CDB			°CDB			°CDB		
			-5.0~46.0			-20.0~15.5			-5.0~52.0		
Refrigerant	Heating	Min.~Max.	°CWB			°CWB			°CWB		
			-20.0~15.5			-20.0~15.5			-5.0~52.0		
	Type/GWP		R-410A/2,087.5								
	Charge	kg/TCO ₂ Eq	3.6/7.5			5.5/11.5			7.0/14.6		
Piping connections	Liquid	OD	mm			mm			mm		
			9.52			19.1			22.2		
	Gas	OD	mm			mm			mm		
			15.9	19.1	15.9	19.1	22.2	25.4			
	Total piping System	Actual	m								
			300								
Power supply	Phase/Frequency/Voltage	Hz/V	1N~/50/220-240			3N~/50/380-415					
	Current - 50Hz	Maximum fuse amps (MFA)	A			A			A		
			32			16			25		

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%).



VRV IV heat pump for indoor installation

SB.RKXYQ-T(8)

Keep looking you'll never find me

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

Invisible

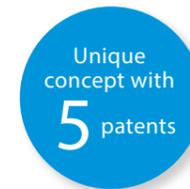
- › Completely invisible only the grilles are visible
- › Seamless integration into surrounding architecture
- › Highly suited to densely populated areas thanks to the low operation sound

Intuitive

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

Intelligent

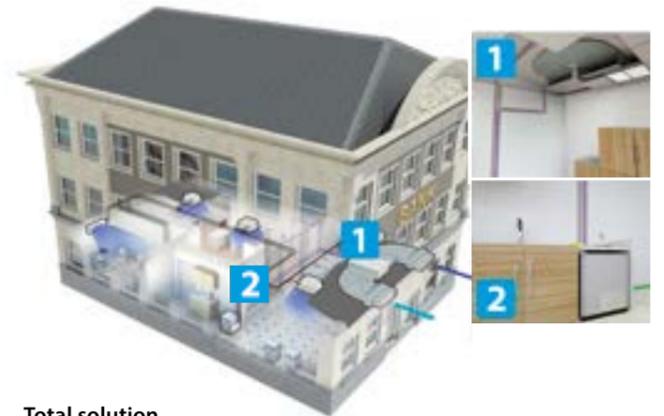
- › Patented V-shape heat exchanger for the most compact unit (400 mm high) ever
- › Connectable to all VRV indoor units
- › Provides a total solution when combined with ventilation units, Biddle air curtains and controls



Invisible



Unique outdoor unit in 2 parts



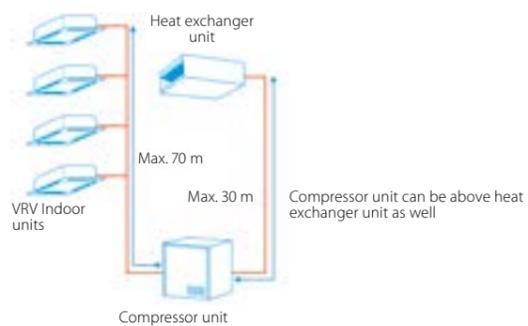
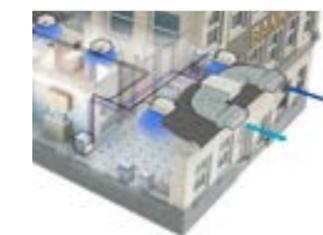
Total solution



VRV IV heat pump for indoor installation

The invisible VRV

- › Unique VRV heat pump for indoor installation
- › Unrivalled flexibility because the unit is split up into two elements: the heat exchanger and the compressor
- › Highly suited to densely populated areas thanks to the low operation sound and seamless integration into surrounding architecture as only the grille is visible
- › Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, VRV configurator and full inverter compressors
- › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air curtains
- › Lightweight units (max. 105kg) can be installed by two people
- › Unique V-shape heat exchanger results in compact dimensions (h/e unit only 400mm high) allowing false ceiling installation, while ensuring top efficiency
- › Super efficient centrifugal fans (over 50% efficiency increase compared to sirocco fan)
- › Small footprint compressor unit (760 x 554 mm) maximizing useable floor space
- › Contains all standard VRV features



Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units

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

Outdoor unit module		Heat exchanger module - RDXYQ		Compressor module - RKXYQ	
Dimensions	Unit	5T8	8T	5T8	8T
Dimensions	HeightxWidthxDepth mm	397x1,456x1,044		701x600x554	701x760x554
Weight	Unit kg	95	103	79	105
Fan	Air flow rate Cooling Nom. m ³ /min	55	100	-	-
Sound power level	Cooling Nom. dBA	77.0	81	60.0	64
Sound pressure level	Cooling Nom. dBA	47.0	54	47.0	48
Refrigerant	Type/GWP	R-410A/-		R-410A/2,087.5	
	Charge kg/CO ₂ Eq	-/-		2.00/4.20	4.00/8.35
Power supply	Phase/Frequency/Voltage Hz/V	1N~/50/220-240		3N~/50/380-415	
Current - 50Hz	Maximum fuse amps (MFA) A	10		16	20

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



RXYLQ-T

Where heating is priority without compromising on efficiency

High heating capacity at low ambient temperatures

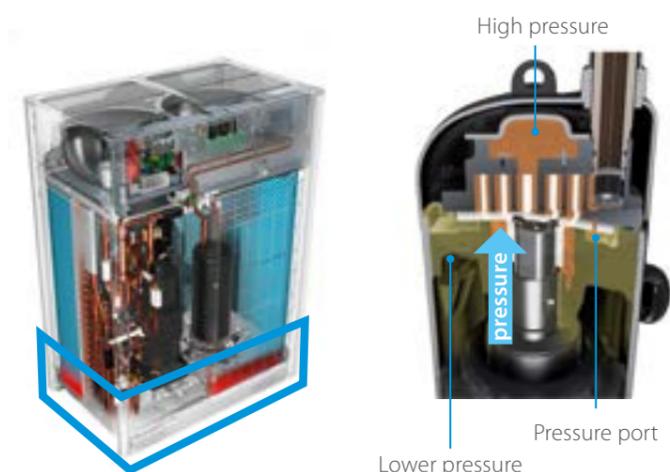
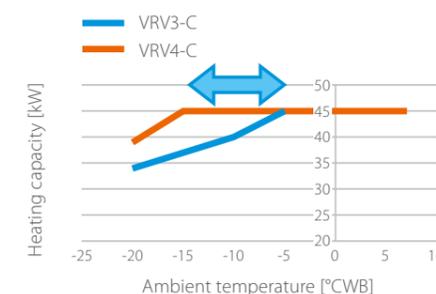
- › Stable heating capacity available down to -15°C WB!

High partial load efficiency

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

High reliability down to -25°C WB

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



VRV heat pump optimised for heating

Where heating is priority without compromising on efficiency

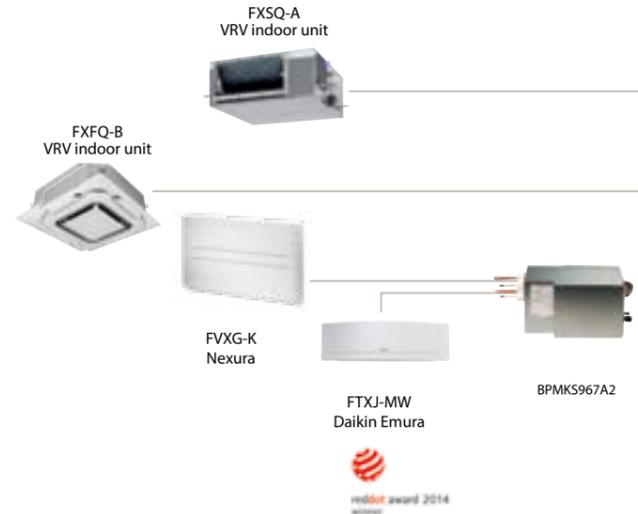
- Specifically developed for heating operation in low ambient conditions, making it suitable for single source heating
- Stable heating capacity down to -15°C, thanks to vapour injection compressor
- Extended operation range down to -25°C in heating
- High reliability in severe conditions, thanks to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



Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units

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



Outdoor unit		RXYLQ	10T	12T	14T
Capacity range	HP		10	12	14
Cooling capacity	Prated,c	kW	28	33.5	40
Heating capacity	Prated,h	kW	31.5	37.5	45
	Max. 6°CWB	kW	31.50	37.50	45.00
Recommended combination			4 x FXMQ63P7VEB	6 x FXMQ50P7VEB	1 x FXMQ50P7VEB + 5 x FXMQ63P7VEB
ηs,c	%		251.4	274.4	270.1
ηs,h	%		144.3	137.6	137.1
SEER			6.36	6.93	6.83
SCOP			3.68	3.51	3.5
Maximum number of connectable indoor units				64 (1)	
Indoor index connection	Min.		175	210	245
	Nom.		250	300	350
	Max.		325	390	455
Dimensions	Unit HeightxWidthxDepth	mm	1,685x1,240x765		
Weight	Unit	kg	302		
Sound power level	Cooling	Nom.	77	81	81
	Sound pressure level	Cooling	Nom.	56	59
Operation range	Cooling	Min.~Max.	-5.0~43.0 °CDB		
	Heating	Min.~Max.	-25.0~16.0 °CWB		
Refrigerant	Type/GWP		R-410A/2,087.5		
Piping connections	Charge	kg/TCO2Eq	11.8/24.6		
	Liquid	OD	mm	9.5	12.7
	Gas	OD	mm	22.2	28.6
Total piping length	System	m	500		
	Actual	m	500		
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)	A	25	32	

Outdoor unit		RXYLQ	16T	18T	20T	22T	24T	26T	28T
System	Outdoor unit module 1		RXMLQ8T	RXYLQ10T	RXYLQ10T	RXYLQ10T	RXYLQ12T	RXYLQ12T	RXYLQ14T
	Outdoor unit module 2		RXMLQ8T	RXMLQ8T	RXYLQ10T	RXYLQ12T	RXYLQ12T	RXYLQ14T	RXYLQ14T
Capacity range	HP		16	18	20	22	24	26	28
Cooling capacity	Prated,c	kW	44.8	50.4	56	61.5	67	73.5	80
Heating capacity	Prated,h	kW	-						
	Max. 6°CWB	kW	50	56.5	63	69	75	82.5	90
Recommended combination			4 x FXMQ63P7VEB + 2 x FXMQ80P7VEB	3 x FXMQ50P7VEB + 5 x FXMQ63P7VEB	2 x FXMQ50P7VEB + 6 x FXMQ63P7VEB	6 x FXMQ50P7VEB + 4 x FXMQ63P7VEB	4 x FXMQ50P7VEB + 4 x FXMQ63P7VEB + 2 x FXMQ80P7VEB	7 x FXMQ50P7VEB + 5 x FXMQ63P7VEB	6 x FXMQ50P7VEB + 4 x FXMQ63P7VEB + 2 x FXMQ80P7VEB
ηs,c	%		261.8	255.7	251.4	263.0	274.4	270.8	270.1
ηs,h	%		138.0	140.5	144.3	140.3	137.6	137.1	137.1
SEER			3.52	3.59	3.68	3.58	3.51	3.50	3.50
SCOP			6.62	6.47	6.36	6.65	6.93	6.84	6.83
Maximum number of connectable indoor units			64 (1)						
Indoor index connection	Min.		280	315	350	385	420	455	490
	Nom.		400	450	500	550	600	650	700
	Max.		520	585	650	715	780	845	910
Piping connections	Liquid	OD	mm	12.7	15.9	15.9	15.9	15.9	19.1
	Gas	OD	mm	28.6	28.6	28.6	28.6	34.9	
	Total piping length	System	m	500					
Total piping length	Actual	m	500						
	Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415					
Current - 50Hz	Maximum fuse amps (MFA)	A	40	45	50	60			

Connectable stylish indoor units

		20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS
Daikin Emura - Wall mounted unit	FTXJ-MW/MS	•	•	•		•
Stylish - Wall mounted unit	FTXA-A	•	•	•	•	•
Nexura - Floor standing unit	FVXG-K		•	•		•
Floor standing unit	FVXM-F		•	•		•

BPMKS box needed to connect RA indoors to VRV IV

Outdoor unit		RXYLQ	30T	32T	34T	36T	38T	40T	42T
System	Outdoor unit module 1		RXYLQ10T	RXYLQ10T	RXYLQ10T	RXYLQ12T	RXYLQ12T	RXYLQ12T	RXYLQ14T
	Outdoor unit module 2		RXYLQ10T	RXYLQ10T	RXYLQ12T	RXYLQ12T	RXYLQ12T	RXYLQ14T	RXYLQ14T
	Outdoor unit module 3			RXYLQ12T			RXYLQ14T		
Capacity range	HP		30	32	34	36	38	40	42
Cooling capacity	Prated,c	kW	84	89.5	95	101	107	114	120
Heating capacity	Prated,h	kW	-						
	Max. 6°CWB	kW	94,5	100,5	106,5	112,5	120	127,5	135
Recommended combination			9 x FXMQ50P7VEB + 5 x FXMQ63P7VEB	8 x FXMQ63P7VEB + 4 x FXMQ80P7VEB	3 x FXMQ50P7VEB + 9 x FXMQ63P7VEB + 2 x FXMQ80P7VEB	2 x FXMQ50P7VEB + 10 x FXMQ63P7VEB	6 x FXMQ50P7VEB + 10 x FXMQ63P7VEB	9 x FXMQ50P7VEB + 9 x FXMQ63P7VEB	12 x FXMQ63P7VEB + 4 x FXMQ80P7VEB
ηs,c	%		251.4	259.1	266.8	274.4	271.6	270.3	270.1
ηs,h	%		144.3	141.6	139.2	137.6	137.1	137.1	137.1
SEER			3.86	3.61	3.56	3.51	3.50	3.50	3.50
SCOP			6.36	6.55	6.74	6.93	6.86	6.83	6.83
Maximum number of connectable indoor units			64 (1)						
Indoor index connection	Min.		525	560	595	630	665	700	735
	Nom.		750	800	850	900	950	1000	1050
	Max.		975	1040	1105	1170	1235	1300	1365
Piping connections	Liquid	OD	mm	19,1	19,1	19,1	19,1	19,1	19,1
	Gas	OD	mm	34,9	34,9	34,9	41,3	41,3	41,3
	Total piping length	System	m	500					
Total piping length	Actual	m	500						
	Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415					
Current - 50Hz	Maximum fuse amps (MFA)	A	80					90	

Outdoor unit		RXMLQ	8T
Dimensions	Unit HeightxWidthxDepth	mm	1,685x1,240x765
Weight	Unit	kg	302
Sound power level	Cooling	Nom.	75,0
Sound pressure level	Cooling	Nom.	55,0
Operation range	Cooling	Min.~Max.	-5.0~43.0 °CDB
	Heating	Min.~Max.	-25.0~16.0 °CWB
Refrigerant	Type/GWP		R-410A/2,087.5
Piping connections	Charge	kg/TCO2Eq	11.8/24.6
	Liquid	OD	mm
Gas	OD	mm	19.1
	Total piping length	System	m
Total piping length	Actual	m	500
	Power supply	Phase/Frequency/Voltage	Hz/V
Current - 50Hz	Maximum fuse amps (MFA)	A	20

(1) Actual number of connectable indoor units depends on the indoor unit type and the connection ratio restriction for the system



Water-to-air heat pump

Welcome a new range of features

More flexibility

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

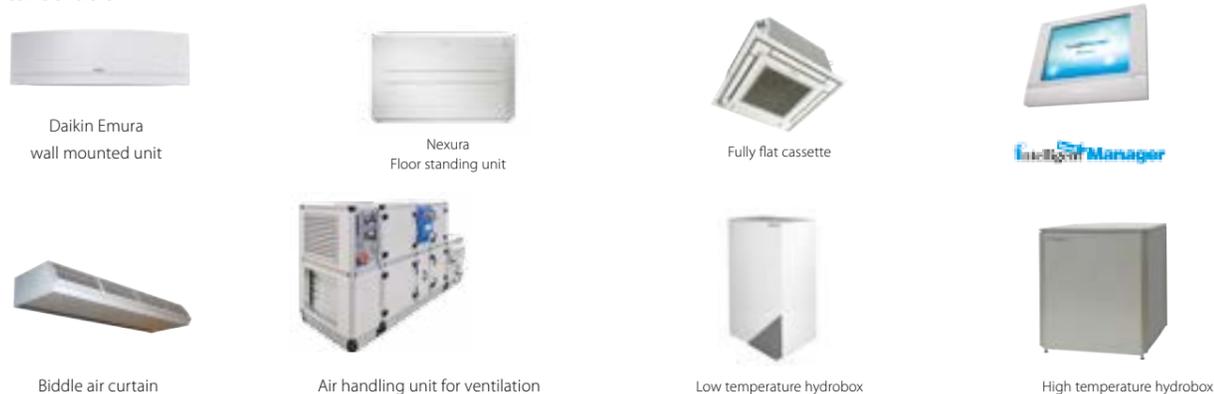
More capacity

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

Easier commissioning & customisation

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

Total solution



Most compact casing in the market!



Unique zero heat dissipation principle

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



With all existing standard functions



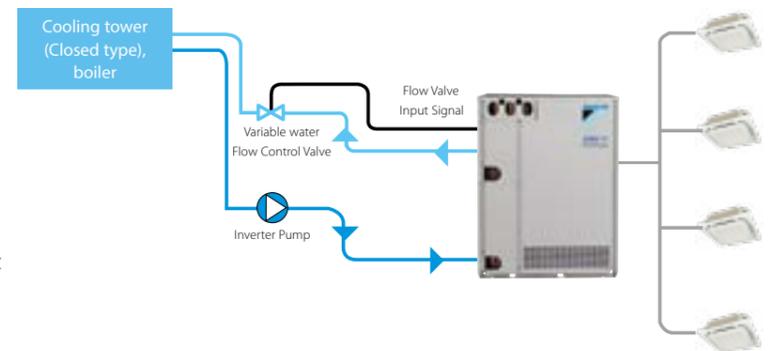
Indoor installation makes unit invisible from the outside

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



Variable water flow control

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



Lower refrigerant concentration levels

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

The refrigerant levels remain limited thanks to:

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

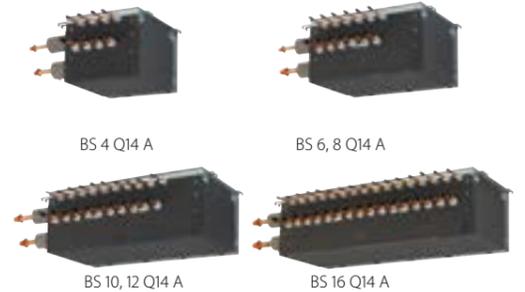
Maximum design flexibility and installation speed

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

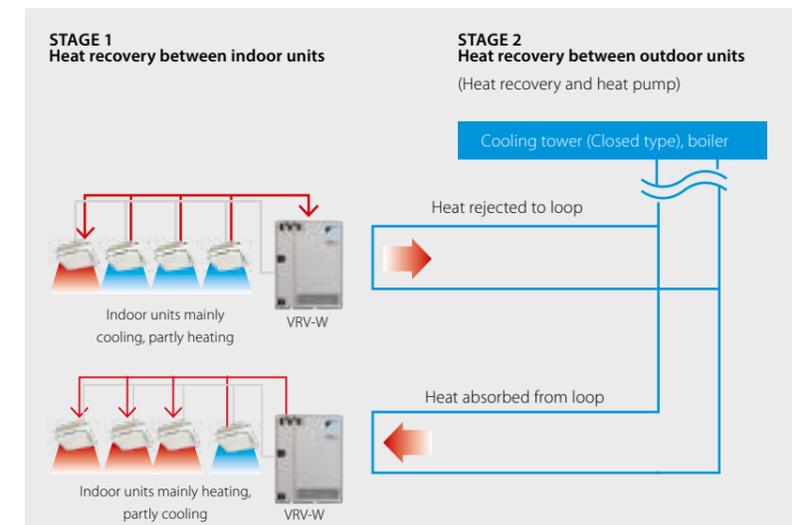
Single port



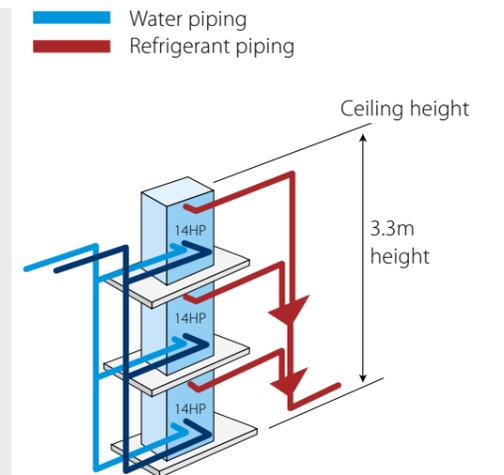
Multi port: 4 - 6 - 8 - 10 - 12 - 16



2-stage heat recovery



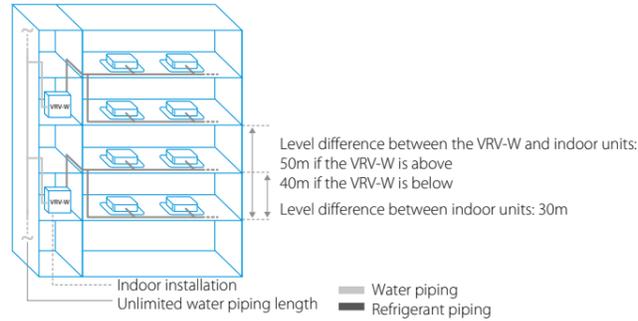
Stacked configuration



VRV IV water cooled+ series

Ideal for high rise buildings, using water as heat source

- Environmental conscious solution: reduced CO₂ emissions thanks to the use of geothermal energy as a renewable energy source and typical lower refrigerant levels making it ideal to comply with EN378
- Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units, Biddle air curtains and hot water
- Unique zero heat dissipation principle obviates the need for ventilation or cooling in the technical room, maximising installation flexibility
- Wide range of indoor units: possibility to combine VRV with stylish indoor units (Daikin Emura, Nexura, ...)
- Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, VRV configurator, 7-segment display and full inverter compressors
- Developed for easy installation and servicing: choice between top or front connection for refrigerant piping and rotating switch box for easy access to serviceable parts
- Compact & lightweight design can be stacked for maximum space saving: 42HP can be installed in less than 0,5m² floorspace
- 2-stage heat recovery: first stage between indoor units, second stage between outdoor units thanks to the storage of energy in the water circuit
- Unified model for heat pump and heat recovery version and geothermal and standard operation
- Variable Water Flow control option increases flexibility and control
- 2 analogue input signals allowing external control of ON-OFF, operation mode, error signal, ...
- Contains all standard VRV features



Already fully compliant to LOT 21 - Tier 2

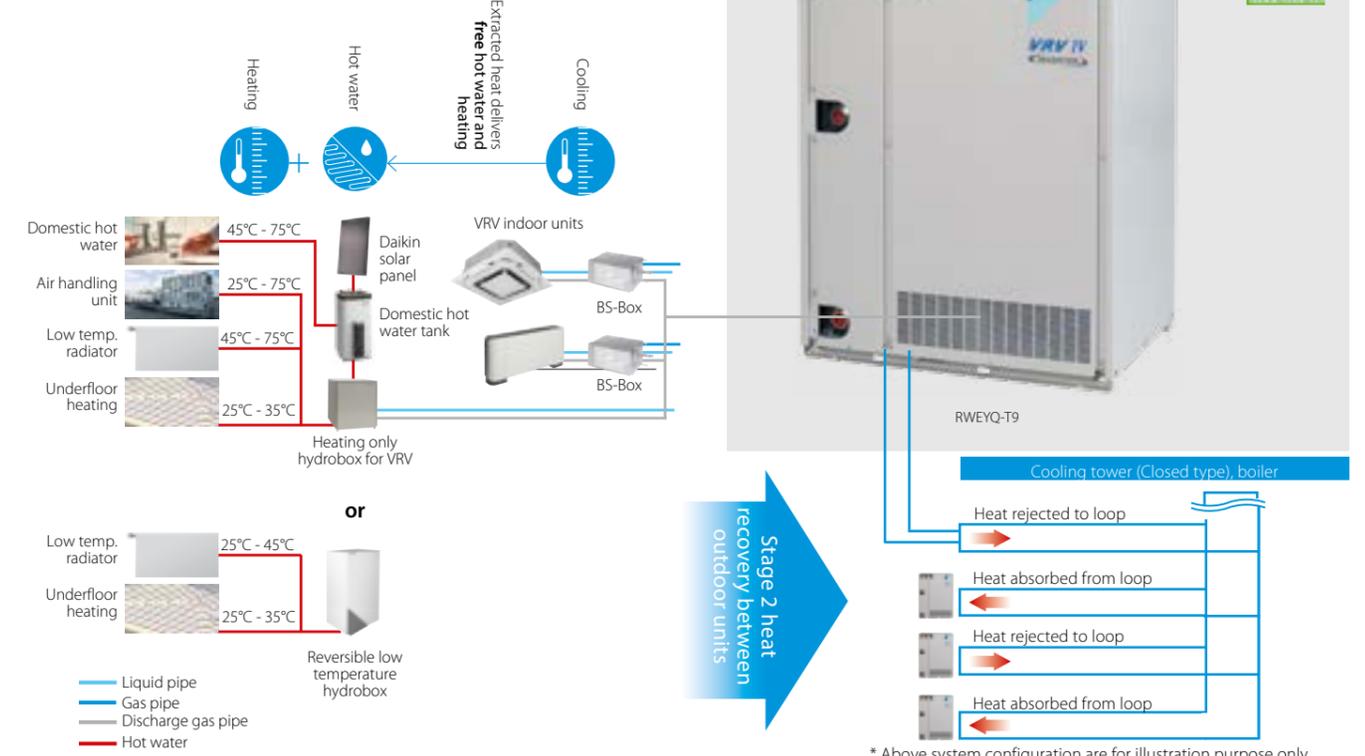
Published data with real-life indoor units

Connectable stylish indoor units

		20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS
Daikin Emura - Wall mounted unit	FTXJ-MW/MS	•	•	•	•	•
Stylish - Wall mounted unit	FTXA-A	•	•	•	•	•
Nexura - Floor standing unit	FVXG-K	•	•	•	•	•
Floor standing unit	FVXM-F	•	•	•	•	•

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

Outdoor unit	RWEYQ	8T9	10T9	12T9	14T9
Capacity range	HP	8	10	12	14
Cooling capacity	Prated,c	22.4	28.0	33.5	40.0
Heating capacity	Prated,h	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	1 x FXMQ50P7VEB + 5 x FXMQ63P7VEB
ηs,c	%	326.8	307.8	359.0	330.7
ηs,h	%	524.3	465.9	436.0	397.1
SEER		8.4	7.9	9.2	8.5
SCOP		13.3	11.8	11.1	10.1
Maximum number of connectable indoor units		64 (1)			
Indoor index	Min.	100.0	125.0	150.0	175.0
connection	Nom.	-			
	Max.	300.0	375.0	450.0	525.0
Dimensions	Unit	980x767x560			
Weight	Unit	195			
Sound power level	Cooling	Nom.	71.0	72.0	74.0
Sound pressure level	Cooling	Nom.	50.0	56.0	58.0
Operation range	Inlet water temperature	Cooling	10~45		
	Heating	Min.~Max.	10~45		
	Temperature around casing	Max.	40		
	Humidity around casing	Cooling-Heating	80~80		
Refrigerant	Type/GWP	R-410A/2,087.5			
	Charge	7.9/16.5			
Piping connections	Liquid	OD	952		
	Gas	OD	22.2 (2)		
	HP/LP gas	OD	19.1 (3) / 28.6 (4)		
	Drain	Size	14mm OD/ 10mm ID		
	Water	Inlet/Outlet	ISO 228-G1 1/4 B/ISO 228-G1 1/4 B		
	Total piping length	System	500		
		Actual	500		
Power supply	Phase/Frequency/Voltage	3N~/50/380-415			
	Current - 50Hz	20			
	Maximum fuse amps (MFA)	25			

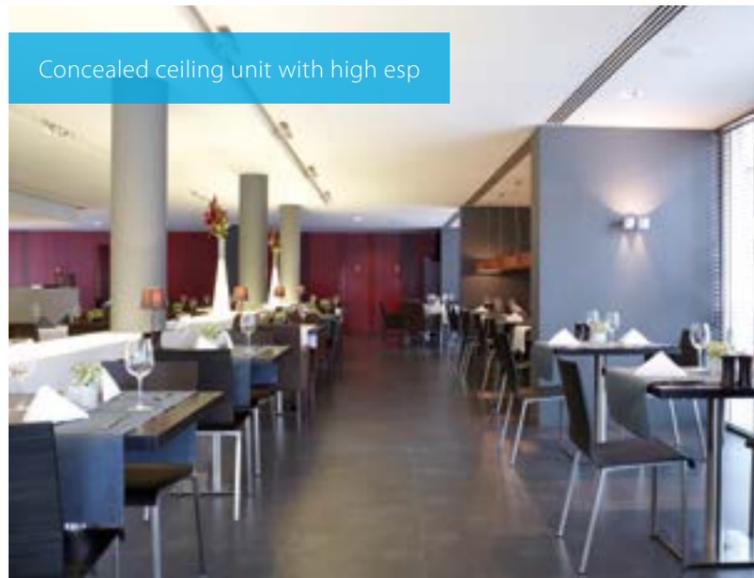


* Above system configuration are for illustration purpose only.

Outdoor unit System	RWEYQ	16T9	18T9	20T9	22T9	24T9	26T9	28T9
System	Outdoor unit module 1	RWEYQ8T		RWEYQ10T	RWEYQ12T	RWEYQ12T	RWEYQ12T	RWEYQ14T
	Outdoor unit module 2	RWEYQ8T	RWEYQ10T	RWEYQ10T	RWEYQ12T	RWEYQ12T	RWEYQ14T	RWEYQ14T
Capacity range	HP	16	18	20	22	24	26	28
Cooling capacity	Prated,c	44.8	50.4	56.0	61.5	67.0	73.5	80.0
Heating capacity	Prated,h	50.0	56.5	62.5	69.0	75.0	82.5	90.0
	Max. 6°CWB	50.0	56.5	62.5	69.0	75.0	82.5	90.0
ηs,c	%	307.6	308.7	298.1	311.3	342.6	322.5	306.1
ηs,h	%	459.2	491.1	466.8	447.9	434.5	406.9	387.9
SEER		7.9		7.7	8.0	8.8	8.3	7.9
SCOP		11.7	12.5	11.9	11.4	11.1	10.4	9.9
Recommended combination		4 x FXMQ63P7VEB + 2 x FXMQ80P7VEB	6 x FXMQ50P7VEB + 4 x FXMQ63P7VEB	4 x FXMQ50P7VEB + 4 x FXMQ63P7VEB	8 x FXMQ63P7VEB	12 x FXMQ50P7VEB	7 x FXMQ50P7VEB + 5 x FXMQ63P7VEB	2 x FXMQ50P7VEB + 10 x FXMQ63P7VEB
Maximum number of connectable indoor units		64 (1)						
Indoor index	Min.	200.0	225.0	250.0	275.0	300.0	325.0	350.0
connection	Nom.	-						
	Max.	600.0	675.0	750.0	825.0	900.0	975.0	1,050.0
Piping connections	Liquid	OD	127		159	191		
	Gas	OD	28.6 (2)		34.9 (2)			
	HP/LP gas	OD	22.2 (3) / 28.6 (4)		28.6 (3) / 28.6 (4)		28.6 (3) / 34.9 (4)	
	Total piping length	System	500		500			
		Actual	500		500			
Power supply	Phase/Frequency/Voltage	3N~/50/380-415						
	Current - 50Hz	32		35	40			50

Outdoor unit System	RWEYQ	30T9	32T9	34T9	36T9	38T9	40T9	42T9
System	Outdoor unit module 1	RWEYQ10T		RWEYQ12T	RWEYQ12T	RWEYQ12T	RWEYQ14T	RWEYQ14T
	Outdoor unit module 2	RWEYQ10T	RWEYQ10T	RWEYQ12T	RWEYQ12T	RWEYQ14T	RWEYQ14T	RWEYQ14T
	Outdoor unit module 3	RWEYQ10T	RWEYQ12T	RWEYQ12T	RWEYQ14T	RWEYQ14T	RWEYQ14T	RWEYQ14T
Capacity range	HP	30	32	34	36	38	40	42
Cooling capacity	Prated,c	84.0	89.5	95.0	100.5	107.0	113.5	120.0
Heating capacity	Prated,h	94.5	100.5	106.5	112.5	120.0	127.5	135.0
	Max. 6°CWB	94.5	100.5	106.5	112.5	120.0	127.5	135.0
Recommended combination		12 x FXMQ63P7VEB	6 x FXMQ50P7VEB + 8 x FXMQ63P7VEB	12 x FXMQ50P7VEB + 4 x FXMQ63P7VEB	18 x FXMQ50P7VEB	13 x FXMQ50P7VEB + 5 x FXMQ63P7VEB	8 x FXMQ50P7VEB + 10 x FXMQ63P7VEB	3 x FXMQ50P7VEB + 15 x FXMQ63P7VEB
ηs,c	%	308.3	318.2	342.5	352.3	338.8	341.4	332.9
ηs,h	%	467.2	456.1	447.0	438.5	419.4	404.4	391.2
SEER		7.9	8.2	8.8	9.0	8.7	8.5	8.5
SCOP		11.9	11.6	11.4	11.2	10.7	10.3	10.0
Maximum number of connectable indoor units		64 (1)						
Indoor index	Min.	375.0	400.0	425.0	450.0	475.0	500.0	525.0
connection	Nom.	-						
	Max.	1,125.0	1,200.0	1,275.0	1,350.0	1,425.0	1,500.0	1,575.0
Piping connections	Liquid	OD	127		191 (2)			
	Gas	OD	34.9		41.3			
	HP/LP gas	OD	28.6 (3) / 34.9 (4)		41.3 (3) / 34.9 (4)			
	Total piping length	System	500		500			
		Actual	500		500			
Power supply	Phase/Frequency/Voltage	3N~/50/380-415						
	Current - 50Hz	50		63			80	
	Maximum fuse amps (MFA)	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%) | (2) In case of heat pump system, gas pipe is not used (3) In case of heat recovery system (4) In case of heat pump system



BS1Q-A

Individual branch selector for VRV IV heat recovery

- › Unique range of single and multi BS boxes for flexible and fast design
- › Compact & light to install
- › Ideal for remote rooms as no drain piping is needed
- › Allows integration of server rooms into the heat recovery solution thanks to technical cooling function
- › Connect up to 250 class unit (28kW)
- › Faster installation thanks to open port connection **UNIQUE**
- › Allows multi tenant applications
- › Connectable to REYQ-U, RQCEQ-P3 and RWEYQ-T9 heat recovery units

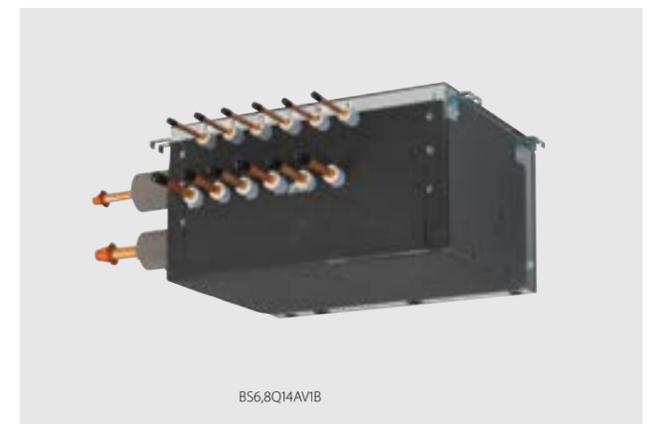


Indoor unit		BS		1Q10A		1Q16A		1Q25A	
Power input	Cooling	Nom.	kW			0.005			
	Heating	Nom.	kW			0.005			
Maximum number of connectable indoor units				6		8			
Maximum capacity index of connectable indoor units				15 < x ≤ 100		100 < x ≤ 160		160 < x ≤ 250	
Dimensions	Unit	Height	Width	Depth	207x388x326				
Weight	Unit				12		15		
Casing	Material	Galvanised steel plate							
Piping connections	Outdoor unit	Liquid	OD	mm	9.5				
		Gas	OD	mm	15.9		22.2		
		Discharge gas	OD	mm	12.7		19.1		
	Indoor unit	Liquid	OD	mm	9.5				
		Gas	OD	mm	15.9		22.2		
						15.9		22.2	
Sound absorbing thermal insulation				Foamed polyurethane Flame-resistant needle felt					
Power supply	Phase				1~				
	Frequency				50				
	Voltage				220-240				
	Maximum fuse amps (MFA)				15				

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
- › Faster installation thanks to open port connection
- › Refrigerant filters for high reliability **UNIQUE**
- › Allows multi tenant applications **UNIQUE**
- › Connectable to REYQ-U, RQCEQ-P3 and RWEYQ-T9 heat recovery units



Indoor unit		BS		4Q14AV1B		6Q14AV1B		8Q14AV1B		10Q14AV1B		12Q14AV1B		16Q14AV1B		
Power input	Cooling	Nom.	kW	0.043		0.064		0.086		0.107		0.129		0.172		
	Heating	Nom.	kW	0.043		0.064		0.086		0.107		0.129		0.172		
Maximum number of connectable indoor units				20		30		40		50		60		64		
Maximum number of connectable indoor units per branch								5								
Number of branches				4		6		8		10		12		16		
Maximum capacity index of connectable indoor units				400		600				750						
Maximum capacity index of connectable indoor units per branch								140								
Dimensions	Unit	Height	Width	Depth	298x370x430		298x580x430		298x820x430		298x1,060x430					
Weight	Unit				17		24		26		35		38		50	
Casing	Material	Galvanised steel plate														
Piping connections	Outdoor unit	Liquid	OD	mm	9.5		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					9.5 / 6.4							
		Gas	OD	mm					15.9 / 12.7							
										VP20 (I.D. 20/O.D. 26)						
Sound absorbing thermal insulation				Urethane foam, polyethylene foam												
Power supply	Phase				1~											
	Frequency				50											
	Voltage				220-440											
	Maximum fuse amps (MFA)				15											

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
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
Ceiling mounted cassette	UNIQUE Round flow cassette	360° air discharge for optimum efficiency and comfort Auto cleaning function ensures high efficiency Intelligent sensors save energy and maximize comfort Flexibility to suit every room layout Lowest installation height in the market! Widest choice ever in decoration panel designs and colors	FXFQ-B	•	•	•	•	•	•	•	•	•	•	•	•	•
	UNIQUE Fully flat cassette	Unique design that integrates fully flat into the ceiling Perfect integration in standard architectural ceiling tiles Blend of iconic design and engineering excellence Intelligent sensors save energy and maximize comfort Small capacity unit developed for small or well-insulated rooms Flexibility to suit every room layout	FXZQ-A	•	•	•	•	•	•	•	•	•	•	•	•	•
	2-way blow ceiling mounted cassette	Thin, lightweight design installs easily in narrow ceiling spaces Depth of all units is 620mm, ideal for narrow ceiling spaces Flexibility to suit every room layout Reduced energy consumption thanks to DC fan motor The flaps close entirely when the unit is not operating Optimum comfort with automatic air flow adjustment to the required load	FXCQ-A	•	•	•	•	•	•	•	•	•	•	•	•	•
	Ceiling mounted corner cassette	1-way blow unit for corner installation Compact dimensions enable installation in narrow ceiling voids Flexible installation thanks to different air discharge options	FXKQ-MA	•	•	•	•	•	•	•	•	•	•	•	•	•
Concealed ceiling	Slim concealed ceiling unit	Slim design for flexible installation Compact dimensions enable installation in narrow ceiling voids Medium external static pressure up to 44Pa Only grilles are visible Small capacity unit developed for small of well-insulated rooms Reduced energy consumption thanks to DC fan motor	FXDQ-A3	•	•	•	•	•	•	•	•	•	•	•	•	•
	Concealed ceiling unit with medium ESP	Slimmest yet most 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	FXSQ-A	•	•	•	•	•	•	•	•	•	•	•	•	•
	Concealed ceiling unit with high ESP	ESP up to 200, ideal for large sized spaces Optimum comfort guaranteed no matter the length of ductwork or type of grilles, thanks to automatic air flow adjustment Reduced energy consumption thanks to DC fan motor Flexible installation as the air suction direction can be altered from rear to bottom suction	FXMQ-P7	•	•	•	•	•	•	•	•	•	•	•	•	•
Wall mounted	Concealed ceiling unit with high ESP	ESP up to 270, ideal for extra large sized spaces Only grilles are visible Large capacity unit: up to 31.5 kW heating capacity	FXMQ-MB	•	•	•	•	•	•	•	•	•	•	•	•	•
	Wall mounted unit	For rooms with no false ceilings nor free floor space Flat, stylish front panel is more easy to clean Small capacity unit developed for small of well-insulated rooms Reduced energy consumption thanks to DC fan motor The air is comfortably spread up- and downwards thanks to 5 different discharge angles	FXAQ-A	•	•	•	•	•	•	•	•	•	•	•	•	•
Ceiling suspended	Ceiling suspended unit	For wide rooms with no false ceilings nor free floor space Ideal for comfortable air flow in wide rooms thanks to Coanda effect Rooms with ceilings up to 3.8m can be heated or cooled very easily! Can easily be installed in both new and refurbishment projects Can even be mounted in corners or narrow spaces without any problem Reduced energy consumption thanks to DC fan motor	FXHQ-A	•	•	•	•	•	•	•	•	•	•	•	•	•
	UNIQUE 4-way blow ceiling suspended unit	Unique Daikin unit for high rooms with no false ceilings nor free floor space Rooms with ceilings up to 3.5m can be heated up or cooled down very easily! Can easily be installed in both new and refurbishment projects Flexibility to suit every room layout Reduced energy consumption thanks to DC fan motor	FXUQ-A	•	•	•	•	•	•	•	•	•	•	•	•	•
Floor standing	Floor standing unit	For perimeter zone air conditioning Can be installed in front of glass walls or free standing as both the front and the back are finished Ideal for installation beneath a window Requires very little installation space Wall mounted installation facilitates cleaning beneath the unit	FXLQ-P	•	•	•	•	•	•	•	•	•	•	•	•	•
	Concealed floor standing unit	Ideal for installation in offices, hotels and residential applications Discretely concealed in the wall, leaving only the suction and discharge grilles visible Can even be installed underneath a window Requires very little installation space as the depth is only 200mm High ESP allows flexible installation	FXNQ-A	•	•	•	•	•	•	•	•	•	•	•	•	•

(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

Stylish indoor units overview

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

Type	Model	Product name	Capacity class (kW)							Connectable outdoor unit								
			15	20	25	35	42	50	60	71	RYYQ-U	RXYQ-U	RXYSQ-TV1 ³	RXYSQ-TV9 ³	RXYSQ-TV9/TV1 ³	RWEYQ-T9 ⁴	RXYLQ-T	
Ceiling mounted cassette	Round flow cassette (incl. auto-cleaning function)	FCAG-B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Fully flat cassette	FFA-A9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Concealed ceiling	Slim concealed ceiling unit	FDXM-F9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Concealed ceiling unit with inverter-driven fan	FBA-A(9)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Wall mounted	Daikin Emura Wall mounted unit	FTXJ-MW/MS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Stylish Wall mounted unit	FTXA-A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Ceiling suspended	Perfera Wall mounted unit	CTXM-N FTXM-N	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Ceiling suspended unit	FHA-A(9)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Floor standing	Nexura floor standing unit	FVXG-K	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Floor standing unit	FVXM-F	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Concealed floor standing unit	FNA-A9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

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

² To connect stylish indoor units a BPMKS unit is needed

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

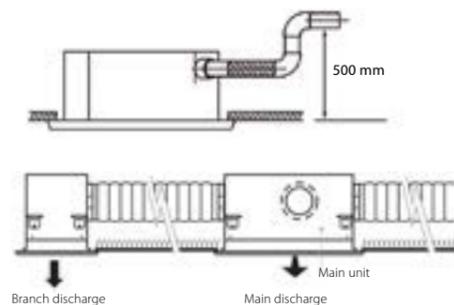
⁴ Only in heat pump operation



Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Automatic filter cleaning 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, standard and autocleaning panels in white (RAL9010) and black (RAL9005)
- › Bigger flaps and unique swing pattern improve equal air distribution
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Lowest installation height in the market: 214mm for class 20-63
- › Optional fresh air intake
- › Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
- › Standard drain pump with 675mm lift increases flexibility and installation speed

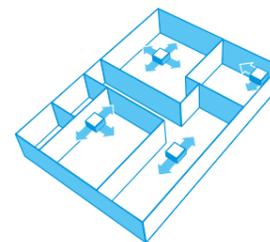


Indoor unit		FXFQ		20B	25B	32B	40B	50B	63B	80B	100B	125B		
Cooling capacity	Total capacity	Nom.	kW	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00		
Heating capacity	Total capacity	Nom.	kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0		
Power input - 50Hz	Cooling	Nom.	kW	0.04			0.05			0.06	0.09	0.12	0.19	
	Heating	Nom.	kW	0.04			0.05			0.06	0.09	0.11	0.18	
Dimensions	Unit	HeightxWidthxDepth		204x840x840			246x840x840			288x840x840				
Weight	Unit	kg		19		20		21		24				
Casing	Material	Galvanised steel plate												
Decoration panel	Model	Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels BYCQ140EGF - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black												
	Dimensions	HeightxWidthxDepth	Standard panels: 50x950x950 / Auto cleaning panels: 130x950x950 / Designer panels: 50x950x950											
	Weight	kg	Standard panels: 5.4 / Auto cleaning panels: 10.3 / Designer panels: 5.4											
Fan	Air flow rate - 50Hz	Cooling	Low/High	m ³ /min	8.8/12.5		9.5/13.6		10.5/15.0		12.4/22.8		19.9/33.0	
		Heating	Low/High	m ³ /min	8.8/12.5		9.5/13.6		10.5/15.0		12.4/22.8		19.9/33.0	
Air filter	Type	Resin net												
Sound power level	Cooling	High	dB(A)	49			51		53	55	60	61		
Sound pressure level	Cooling	Low/Nom./High	dB(A)	28.0/29.0/31.0			29.0/31.0/33.0		30.0/33.0/35.0		30.0/34.0/38.0		36.0/41.0/45.0	
	Heating	Low/Nom./High	dB(A)	28.0/29.0/31.0			29.0/31.0/33.0		30.0/33.0/35.0		30.0/34.0/38.0		36.0/41.0/45.0	
Refrigerant	Type/GWP	R-410A/2,087.5												
Piping connections	Liquid	OD	mm	6.35			9.52			15.90				
		Gas	OD	mm	12.70									
	Drain		VP25 (O.D. 32 / I.D. 25)											
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220											
Current - 50Hz	Maximum fuse amps (MFA)	A	16											
Control systems	Infrared remote control	BRC7FA532F / BRC7FA532FB / BRC7FB532F / BRC7FB532FB												
	Wired remote control	BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52												

Fully flat cassette

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

- › Fully flat integration in standard architectural ceiling tiles, leaving only 8mm
- › Remarkable blend of iconic design and engineering excellence with an elegant finish in white or a combination of silver and white
- › Two optional intelligent sensors improve energy efficiency and comfort
- › 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Optional fresh air intake
- › Standard drain pump with 630mm lift increases flexibility and installation speed



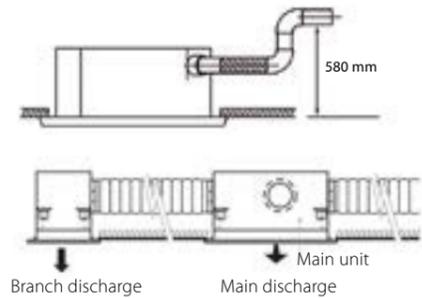
Indoor unit		FXZQ		15A	20A	25A	32A	40A	50A							
Cooling capacity	Total capacity	Nom.	kW	1.70	2.20	2.80	3.60	4.50	5.60							
Heating capacity	Total capacity	Nom.	kW	1.90	2.50	3.20	4.00	5.00	6.30							
Power input - 50Hz	Cooling	Nom.	kW	0.043			0.045		0.059	0.092						
	Heating	Nom.	kW	0.036			0.038		0.053	0.086						
Dimensions	Unit	HeightxWidthxDepth		260x575x575			16.5									
Weight	Unit	kg		15.5			18.5									
Casing	Material	Galvanised steel plate														
Decoration panel	Model	BYFQ60C2W1W														
	Colour	White (N9.5)														
	Dimensions	HeightxWidthxDepth	46x620x620													
Decoration panel 2	Model	BYFQ60C2W1S														
	Colour	SILVER														
	Dimensions	HeightxWidthxDepth	46x620x620													
Decoration panel 3	Model	BYFQ60B2W1														
	Colour	White (RAL9010)														
	Dimensions	HeightxWidthxDepth	55x700x700													
Decoration panel 4	Model	BYFQ60B3W1														
	Colour	WHITE (RAL9010)														
	Dimensions	HeightxWidthxDepth	55x700x700													
Fan	Air flow rate - 50Hz	Cooling	Low/High	m ³ /min	6.5/8.5		6.5/8.7		6.5/9.0		7.0/10.0		8.0/11.5		10.0/14.5	
		Heating	Low/High	m ³ /min	6.5/8.5		6.5/8.7		6.5/9.0		7.0/10.0		8.0/11.5		10.0/14.5	
Air filter	Type	Resin net														
Sound power level	Cooling	High	dB(A)	49			50		51	54	60					
Sound pressure level	Cooling	Low/Nom./High	dB(A)	25.5/28.0/31.5			25.5/29.5/32.0		25.5/30.0/33.0		26.0/30.0/33.5		28.0/32.0/37.0		33.0/40.0/43.0	
	Heating	Low/Nom./High	dB(A)	25.5/28.0/31.5			25.5/29.5/32.0		25.5/30.0/33.0		26.0/30.0/33.5		28.0/32.0/37.0		33.0/40.0/43.0	
Refrigerant	Type/GWP	R-410A/2,087.5														
Piping connections	Liquid	OD	mm	6.35			9.52		12.7							
		Gas	OD	mm	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	16													
Control systems	Infrared remote control	BRC7EB530W (standard panel) / BRC7F530W (white panel) / BRC7F530S (grey panel)														
	Wired remote control	BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52														

Dimensions do not include control box

2-way blow ceiling mounted cassette

Thin, lightweight design installs easily in narrow corridors

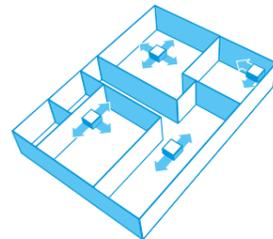
- > Depth of all units is 620mm, ideal for narrow spaces
- > Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- > Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible
- > Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required
- > Optimum comfort guaranteed with automatic air flow adjustment to the required load
- > Maintenance operations can be performed by removing the front panel
- > Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
- > Standard drain pump with 580mm lift increases flexibility and installation speed



Fresh air intake opening in casing



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

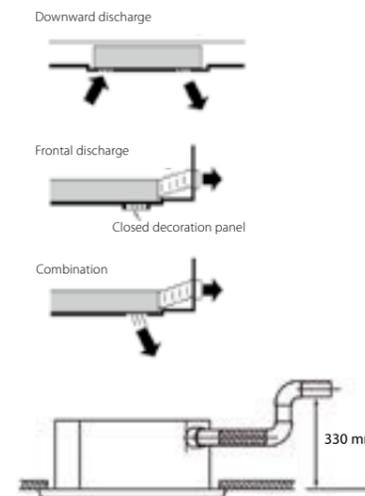
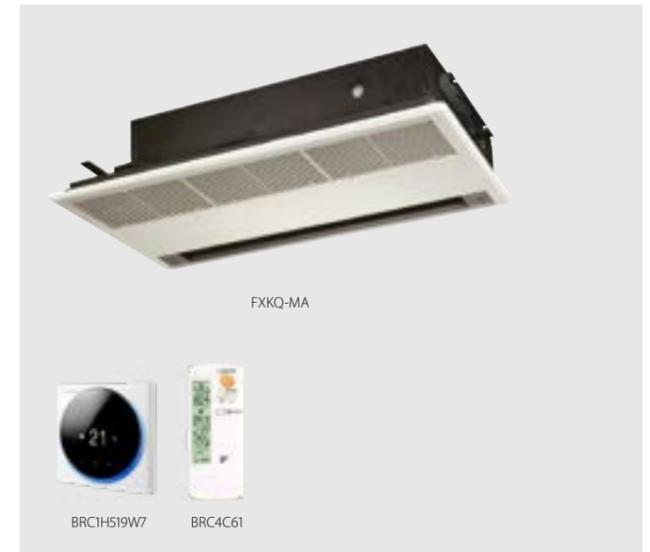


Indoor unit		FXCQ	20A	25A	32A	40A	50A	63A	80A	125A	
Cooling capacity	Total capacity	Nom.	kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	14.0
	Heating capacity	Total capacity	Nom.	kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0
Power input - 50Hz	Cooling	Nom.	kW	0.031	0.039		0.041	0.059	0.063	0.090	0.149
	Heating	Nom.	kW	0.028	0.035		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 Low/High	m ³ /min	7.5/10.5	8/11.5		8.5/12	10.5/15	11.5/16	18.5/26	22.5/32
Air filter	Type			Resin net with mold resistance							
Sound power level	Cooling	Nom./High	dBA	46/48	47/50	48/50	49/52	51/53	53/55	54/58	58/62
Sound pressure level	Cooling	Low/Nom./High	dBA	28.0/30.0/32.0	29.0/31.0/34.0	30.0/32.0/34.0	31.0/33.0/36.0	31.0/35.0/37.0	32.0/37.0/39.0	33.0/38.0/42.0	38.0/42.0/46.0
	Heating	Low/Nom./High	dBA	28.0/30.0/32.0	29.0/31.0/34.0	30.0/32.0/34.0	31.0/33.0/36.0	31.0/35.0/37.0	32.0/37.0/39.0	33.0/38.0/42.0	38.0/42.0/46.0
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			BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52							

Ceiling mounted corner cassette

1-way blow unit for corner installation

- > Compact dimensions, can easily be mounted in a narrow ceiling void (only 220mm ceiling space required, 195 with panel spacer, available as accessory)
- > Optimum air flow conditions are created by either downward air discharge or frontal air discharge (via optional grille) or a combination of both
- > Maintenance operations can be performed by removing the front panel
- > Standard drain pump with 330mm lift increases flexibility and installation speed

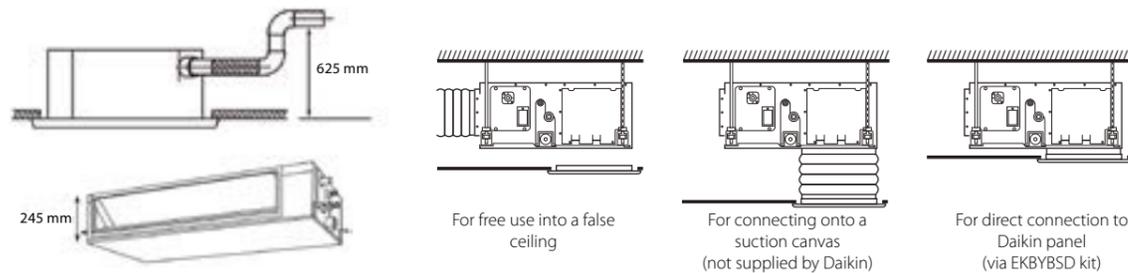
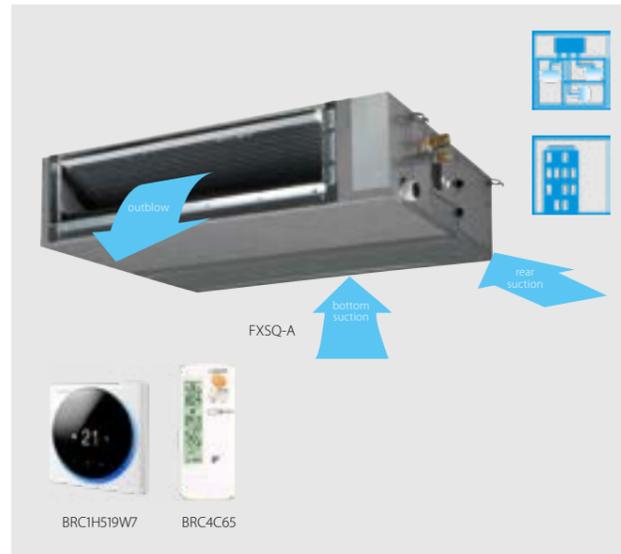


Indoor unit		FXKQ	25MA	32MA	40MA	63MA	
Cooling capacity	Total capacity	Nom.	kW	2.8	3.6	4.5	7.10
	Heating capacity	Total capacity	Nom.	kW	3.2	4.0	5.0
Power input - 50Hz	Cooling	Nom.	kW	0.066		0.076	0.105
	Heating	Nom.	kW	0.046		0.056	0.085
Dimensions	Unit	HeightxWidthxDepth	mm	215x1,110x710		215x1,310x710	
Weight	Unit		kg	31		34	
Casing	Material			Galvanised steel plate			
Decoration panel	Model			BYK45FJW1		BYK71FJW1	
	Colour			White			
Dimensions	HeightxWidthxDepth	mm	70x1,240x800		70x1,440x800		
	Weight	kg	8.5		9.5		
Fan	Air flow rate - 50Hz	Cooling Low/High	m ³ /min	9/11	10/13		15/18
Air filter	Type			Resin net with mold resistance			
Sound power level	Cooling	High	dBA	54		58	
Sound pressure level	Cooling	Low/High	dBA	33.0/38.0		34.0/40.0	37.0/42.0
Refrigerant	Type/GWP			R-410A/2,087.5			
Piping connections	Liquid	OD	mm	6.35		9.52	
	Gas	OD	mm	12.7		15.9	
	Drain			VP25 (O.D. 32 / I.D. 25)			
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/60/220-240/220			
Current - 50Hz	Maximum fuse amps (MFA)	A		15			
Control systems	Infrared remote control			BRC4C61			
	Wired remote control			BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52			

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

- › Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge
- › Quiet operation: down to 25dBA sound pressure level
- › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Discretely concealed in the wall: only the suction and discharge grilles are visible
- › 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- › Multi zoning kit allows multiple individually-controlled climate zones to be served by one indoor unit
- › Optional fresh air intake
- › Flexible installation: air suction direction can be altered from rear to bottom suction and choice between free use or connection to optional suction grilles
- › Standard built-in drain pump with 625mm lift increases flexibility and installation speed

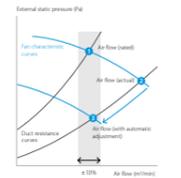


Automatic Airflow Adjustment function

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

Why?

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



Indoor unit			FXSQ	15A	20A	25A	32A	40A	50A	63A	80A	100A	125A	140A	
Cooling capacity	Total capacity	Nom.	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	Nom.	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	Nom.	kW	0.090		0.096	0.151	0.154	0.188	0.213	0.290	0.331	0.386		
	Heating	Nom.	kW	0.086		0.092	0.147	0.150	0.183	0.209	0.285	0.326	0.382		
Dimensions	Unit	HeightxWidthxDepth	mm	245x550x800			245x700x800			245x1,000x800			245x1,400x800		
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 Low/High	m³/min	6.5/8.7	6.5/9.0		7.0/9.5	11.0/15.0	11.0/15.2	15.0/21.0	16.0/23.0	23.0/32.0	26.0/36.0	28.0/39.0	
		Heating Low/High	m³/min	6.5/8.7	6.5/9.0		7.0/9.5	11.0/15.0	11.0/15.2	15.0/21.0	16.0/23.0	23.0/32.0	26.0/36.0	28.0/39.0	
	External static pressure - 50Hz	Nom./High	Pa	30/150			40/150			50/150					
Air filter	Type			Resin net											
Sound power level	Cooling	High	dBA	54		55	60	59	61	64					
Sound pressure level	Cooling	Low/Nom./High	dBA	25.0/28.0/29.5	25.0/28.0/30.0		26.0/29.0/31.0	29.0/32.0/35.0	27.0/30.0/33.0	29.0/32.0/35.0	31.0/34.0/36.0	33.0/36.0/39.0	34.0/38.0/41.5		
	Heating	Low/Nom./High	dBA	26.0/29.0/31.5	26.0/29.0/32.0		27.0/30.0/33.0	29.0/34.0/37.0	28.0/32.0/35.0	30.0/34.0/37.0	31.0/34.0/37.0	33.0/37.0/40.0	34.0/38.5/42.0		
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			BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52											

Concealed ceiling unit with high ESP

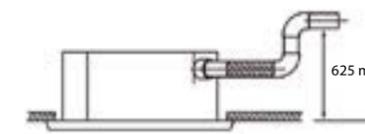
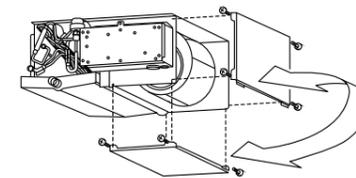
Ideal for large sized spaces
FXMQ-P7: ESP up to 200 Pa

- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › High external static pressure up to 200Pa facilitates extensive duct and grille network
- › Discretely concealed in the wall: only the suction and discharge grilles are visible
- › Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required
- › Flexible installation, as the air suction direction can be altered from rear to bottom suction
- › Standard built-in drain pump with 625mm lift increases flexibility and installation speed

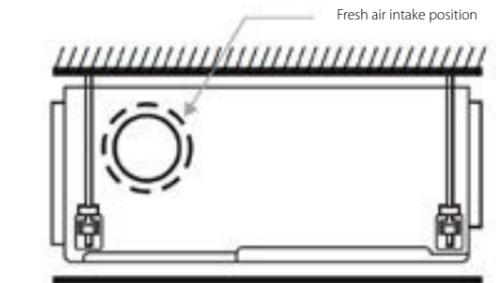


FXMQ-MB: ESP up to 270 Pa

- › High external static pressure up to 270Pa facilitates extensive duct and grille network
- › Discretely concealed in the wall: only the suction and discharge grilles are visible
- › Large capacity unit: up to 31.5 kW heating capacity



Fresh air intake opening in casing



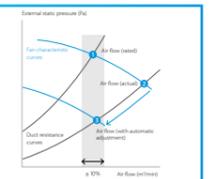
* Brings in up to 10% of fresh air into the room

Automatic Airflow Adjustment function

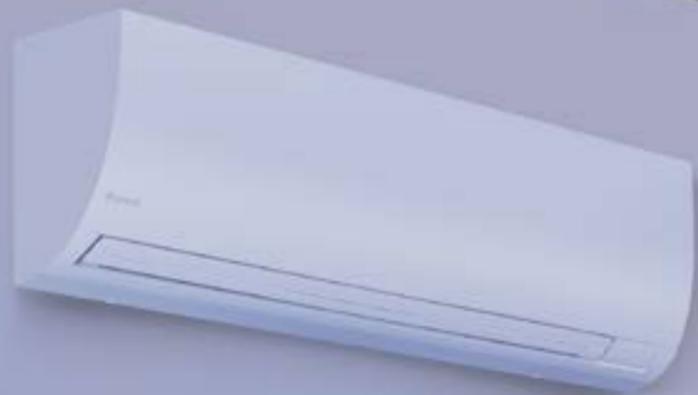
Automatically selects the most appropriate fan curve to achieve the units' nominal air flow within ±10%

Why?

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



Indoor unit			FXMQ	50P7	63P7	80P7	100P7	125P7	200MB	250MB	
Cooling capacity	Total capacity	Nom.	kW	5.6	7.1	9.0	11.2	14.0	22.4	28.0	
Heating capacity	Total capacity	Nom.	kW	6.3	8.0	10.0	12.5	16.0	25.0	31.5	
Power input - 50Hz	Cooling	Nom.	kW	0.110	0.120	0.171	0.176	0.241	0.895	1.185	
	Heating	Nom.	kW	0.098	0.108	0.159	0.164	0.229	0.895	1.185	
Required ceiling void			mm	350							
Dimensions	Unit	HeightxWidthxDepth	mm	300x1,000x700			300x1,400x700			470x1,380x1,100	
Weight	Unit		kg	35			46			132	
Casing	Material			Galvanised steel plate							
Decoration panel	Model			BYB571DJW1			BYB5125DJW1				
	Colour			White (10Y9/0.5)							
	Dimensions	HeightxWidthxDepth	mm	55x1,100x500			55x1,500x500			-x-x-	
	Weight		kg	4.5			6.5				
Fan	Air flow rate - 50Hz	Cooling Low/High	m³/min	15.0/18.0	16.0/19.5	20.0/25.0	23.0/32.0	28.0/39.0	50/58	62/72	
		Heating Low/High	m³/min	15.0/18.0	16.0/19.5	20.0/25.0	23.0/32.0	28.0/39.0	-/-	-/-	
	External static pressure - 50Hz	Nom./High	Pa	100/200			160/270			170/270	
Air filter	Type			Resin net							
Sound power level	Cooling	Nom./High	dBA	-/61	-/64	-/67	-/65	-/70	75/76		
Sound pressure level	Cooling	Low/High	dBA	37/41	38/42	39/43		40/44	45/48		
	Heating	Low/High	dBA	37/41	38/42	39/43		40/44	-/-		
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)						PS1B	
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/60/220-240/220						1~/50/220-240	
Current - 50Hz	Maximum fuse amps (MFA)	A		16							
Control systems	Infrared remote control			BRC4C65							
	Wired remote control			BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52							



FXAQ-A

Wall mounted unit

For rooms with no false ceilings nor free floor space

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

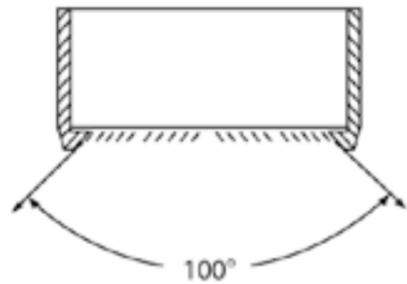


Indoor unit			FXAQ	15A	20A	25A	32A	40A	50A	63A	
Cooling capacity	Total capacity	Nom.	kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1	
Heating capacity	Total capacity	Nom.	kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0	
Power input - 50Hz	Cooling	Nom.	kW	0.02		0.03		0.02	0.03	0.05	
	Heating	Nom.	kW	0.03		0.04		0.02	0.04	0.06	
Dimensions	Unit	HeightxWidthxDepth	mm	290x795x266				290x1,050x269			
Weight	Unit		kg	12				15			
Fan	Air flow rate - 50Hz	Cooling	Low/High	m ³ /min	7.0/8.4	7.0/9.1	7.0/9.4	7.0/9.8	9.7/12.2	11.5/14.4	13.5/18.3
Air filter	Type			Washable resin net							
Sound power level	Cooling	High	dB(A)	51.0	52.0	53.0	55.0		58.0	63.0	
	Heating	Low/High	dB(A)	28.5/32.0	28.5/33.0	28.5/35.0	28.5/37.5	33.5/37.0	35.5/41.0	38.5/46.5	
Sound pressure level	Cooling	Low/High	dB(A)	28.5/33.0	28.5/34.0	28.5/36.0	28.5/38.5	33.5/38.0	35.5/42.0	38.5/47.0	
	Heating	Low/High	dB(A)	28.5/33.0	28.5/34.0	28.5/36.0	28.5/38.5	33.5/38.0	35.5/42.0	38.5/47.0	
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			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			BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52							

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

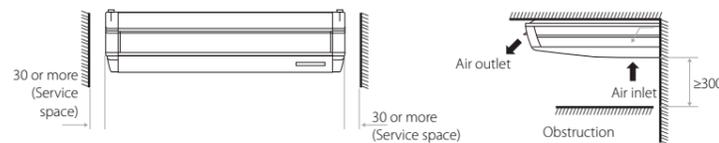
- › Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle
- › Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects
- › Can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space
- › Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required
- › Reduced energy consumption thanks to specially developed DC fan motor and drain pump
- › Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible



Fresh air intake opening in casing



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

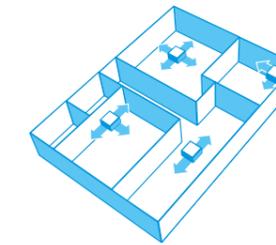
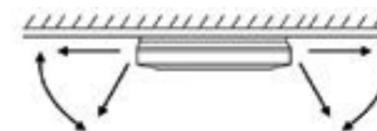
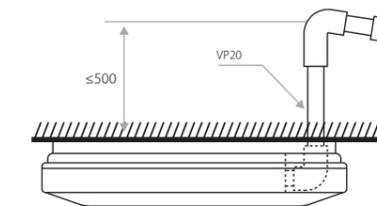


Indoor unit		FXHQ	32A	63A	100A		
Cooling capacity	Total capacity	Nom.	kW	3.6	7.1	11.2	
Heating capacity	Total capacity	Nom.	kW	4.0	8.0	12.5	
Power input - 50Hz	Cooling	Nom.	kW	0.107	0.111	0.237	
	Heating	Nom.	kW	0.107	0.111	0.237	
Dimensions	Unit	HeightxWidthxDepth	mm	235x960x690	235x1,270x690	235x1,590x690	
Weight	Unit		kg	24	33	39	
Casing	Material			Resin			
Fan	Air flow rate - 50Hz	Cooling	Low/High	m ³ /min	10.0/14.0	14.0/20.0	19.0/29.5
		Heating	Low/High	m ³ /min	10.0/14.0	14.0/20.0	19.0/29.5
Air filter	Type			Resin net with mold resistance			
Sound power level	Cooling	Nom./High	dBA	52/54	53/55	55/62	
Sound pressure level	Cooling	Low/Nom./High	dBA	31.0/34.0/36.0	34.0/35.0/37.0	34.0/37.0/44.0	
	Heating	Low/Nom./High	dBA	31.0/34.0/36.0	34.0/35.0/37.0	34.0/37.0/44.0	
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~/50/220-240			
Current - 50Hz	Maximum fuse amps (MFA)	A		16			
Control systems	Infrared remote control			BRC7GA53-9			
	Wired remote control			BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52			

4-way blow ceiling suspended unit

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

- › Even rooms with ceilings up to 3.5m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible
- › Optimum comfort guaranteed with automatic air flow adjustment to the required load
- › 5 different discharge angles between 0 and 60° can be programmed via the remote control
- › Standard drain pump with 500mm lift increases flexibility and installation speed



Indoor unit		FXUQ	71A	100A		
Cooling capacity	Total capacity	Nom.	kW	8.0	11.2	
Heating capacity	Total capacity	Nom.	kW	9.0	12.5	
Power input - 50Hz	Cooling	Nom.	kW	0.090	0.200	
	Heating	Nom.	kW	0.073	0.179	
Dimensions	Unit	HeightxWidthxDepth	mm	198x950x950		
Weight	Unit		kg	26	27	
Casing	Material			Resin		
Fan	Air flow rate - 50Hz	Cooling	Low/High	m ³ /min	16.0/22.5	21.0/31.0
		Heating	Low/High	m ³ /min	16.0/22.5	21.0/31.0
Air filter	Type			Resin net with mold resistance		
Sound power level	Cooling	Nom./High	dBA	56/58	62/65	
Sound pressure level	Cooling	Low/Nom./High	dBA	36.0/38.0/40.0	40.0/44.0/47.0	
	Heating	Low/Nom./High	dBA	36.0/38.0/40.0	40.0/44.0/47.0	
Refrigerant	Type/GWP			R-410A/2,087.5		
Piping connections	Liquid	OD	mm	9.52		
	Gas	OD	mm	15.9		
Drain				I.D. 20/O.D. 26		
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/60/220-240/220-230		
Current - 50Hz	Maximum fuse amps (MFA)	A		16		
Control systems	Infrared remote control			BRC7C58		
	Wired remote control			BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52		



Concealed floor standing unit

Designed to be concealed in walls

- › Discretely concealed in the wall: only the suction and discharge grilles are visible
- › Requires very little installation space as the depth is only 200mm
- › Its low height (620 mm) enables the unit to fit perfectly beneath a window
- › High ESP allows flexible installation

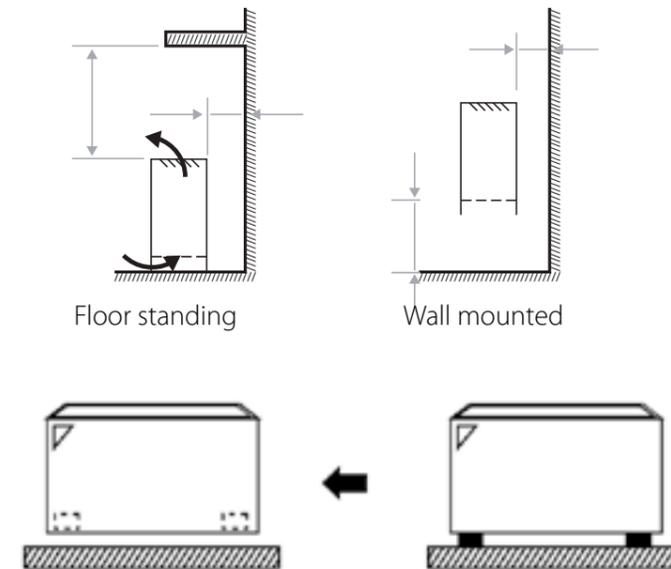


Indoor unit		FXNQ	20A	25A	32A	40A	50A	63A	
Cooling capacity	Total capacity	Nom.	kW	2.20	2.80	3.60	4.50	5.60	7.10
Heating capacity	Total capacity	Nom.	kW	2.50	3.20	4.00	5.00	6.30	8.00
Power input - 50Hz	Cooling	Nom.	kW	0.071		0.078		0.099	
	Heating	Nom.	kW	0.068		0.075		0.096	
Dimensions	Unit	HeightxWidthxDepth	mm	620 / 720x790x200			620 / 720x990x200		620 / 720x1190x200
Weight	Unit		kg	23.5			27.5		32.0
Casing	Material			Galvanised steel plate					
Fan	Air flow rate - 50Hz	Cooling	Low/High	m ³ /min	6.4/8.0		8.5/10.5		10.0/12.5
		Heating	Low/High	m ³ /min	6.4/8.0		8.5/10.5		10.0/12.5
	External static pressure - 50Hz	Nom./High	Pa	10/41.0		10/42.0		15/52.0	15/59.0
Air filter	Type			Resin net					
Sound power level	Cooling	High	dBA	51		52	53	54	
Sound pressure level	Cooling	Low/Nom./High	dBA	27.0/28.5/30.0		28.0/30.0/32.0		29.0/31.0/33.0	32.0/33.0/35.0
	Heating	Low/Nom./High	dBA	27.0/28.5/30.0		28.0/30.0/32.0		29.0/31.0/33.0	32.0/33.0/35.0
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			BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52					

Floor standing unit

For perimeter zone air conditioning

- › Unit can be installed as free standing model by use of optional back plate
- › Its low height enables the unit to fit perfectly beneath a window
- › Stylish modern casing finished in pure white (RAL9010) and iron grey (RAL7011) blends easily with any interior
- › Requires very little installation space
- › Wall mounted installation facilitates cleaning beneath the unit where dust tends to accumulate
- › Wired remote control can easily be integrated in the unit

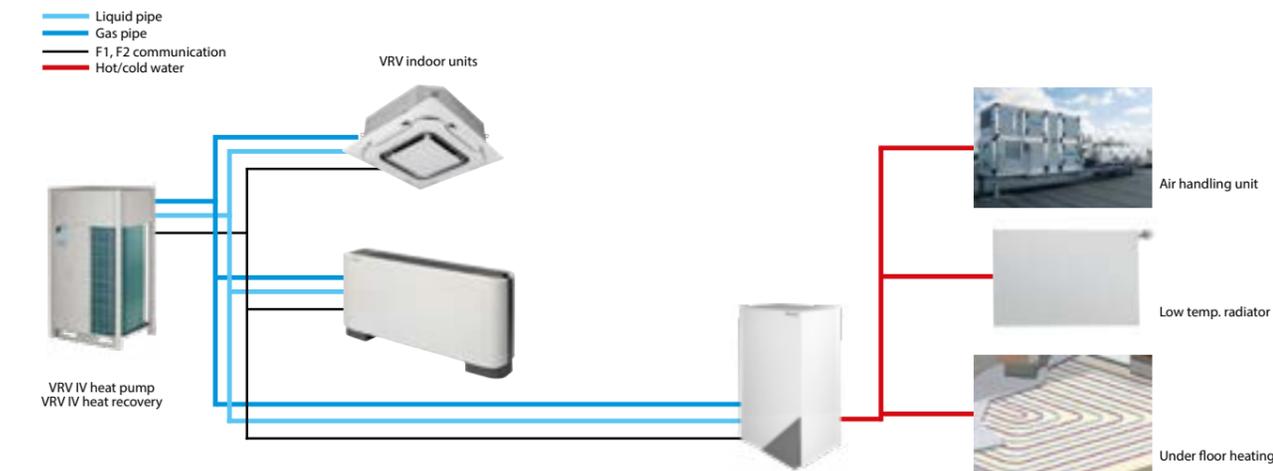


Indoor unit		FXLQ	20P	25P	32P	40P	50P	63P	
Cooling capacity	Total capacity	Nom.	kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Total capacity	Nom.	kW	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	Nom.	kW	0.05		0.09		0.11	
	Heating	Nom.	kW	0.05		0.09		0.11	
Dimensions	Unit	HeightxWidthxDepth	mm	600x1,000x232			600x1,140x232		600x1,420x232
Weight	Unit		kg	27			32		38
Fan	Air flow rate - 50Hz	Cooling	Low/High	m ³ /min	6.0/7		6.0/8		8.5/11
		Heating	Low/High	m ³ /min	6.0/7		6.0/8		8.5/11
Air filter	Type			Resin net					
Sound power level	Cooling	High	dBA	54		57	58	59	
Sound pressure level	Cooling	Low/High	dBA	32/35		33/38		34/39	35/40
	Heating	Low/High	dBA	32/35		33/38		34/39	35/40
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			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			BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52					

Low temperature hydrobox for VRV

For high efficiency space heating and cooling

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



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)
Dimensions	Unit	Height x Width x Depth	890 x 480 x 344	
Weight	Unit	kg	44	
Casing	Colour		White	
	Material		Precoated sheet metal	
Operation range	Cooling	Ambient	Min. ~ Max. °CDB	
		Water side	Min. ~ Max. °C	
Heating	Ambient	Min. ~ Max. °C		
	Water side	Min. ~ Max. °C		
Refrigerant	Type	R-410A		
	GWP	2,087.5		
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)

High temperature hydrobox for VRV

For efficient hot water production and space heating

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



Indoor Unit		HXHD	125A	200A
Heating capacity	Nom.	kW	14.0	22.4
Dimensions	Unit	Height x Width x Depth	705 x 600 x 695	
Weight	Unit	kg	92.0	147
Casing	Colour		Metallic grey	
	Material		Precoated sheet metal	
Sound power level	Nom.	dBA	55.0 (2)	60.0 (2)
Sound pressure level	Nom.	dBA	42.0 (2) / 43.0 (3)	
	Night quiet mode	Level 1	38 (2)	
Operation range	Heating	Ambient	Min. ~ Max. °C	
		Water side	Min. ~ Max. °C	
Refrigerant	Type	R-134a		
		GWP	1,430	
Water circuit	Piping connections diameter	inch	G 1" (female)	
		Heating water system	Water volume Max. ~ Min.	l
Power supply	Phase / Frequency / Voltage	Hz / V	1~ / 50 / 220-240	
Current	Recommended fuses	A	20	

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