DAIKIN

Παγκόσμιος Ηγέτης στο **Ιδανικό** Κλίμα.

VRV

ΚΛΙΜΑΜΗΧΑΝΙΚΗ
1984 ΟΛΙΣΤΙΚΗ ΕΝΕΡΓΕΙΑΚΗ ΔΙΑΧΕΙΡΙΣΗ

Κεντρικά Γραφεία | Ελ. Βενιζέλου 5
'Εκθεση | Αριστείδου 40 & Ελ.Βενιζέλου 3
ΤΚ | 55133 | Καλαμαριά | Θεσσαλονίκη
T | 2310.440.844 F | 2310.432.868
e-mail: info@klimamichaniki.gr
www.klimamichaniki.gr

CE

EUROVENT CERTIFIED PERFORMANCE

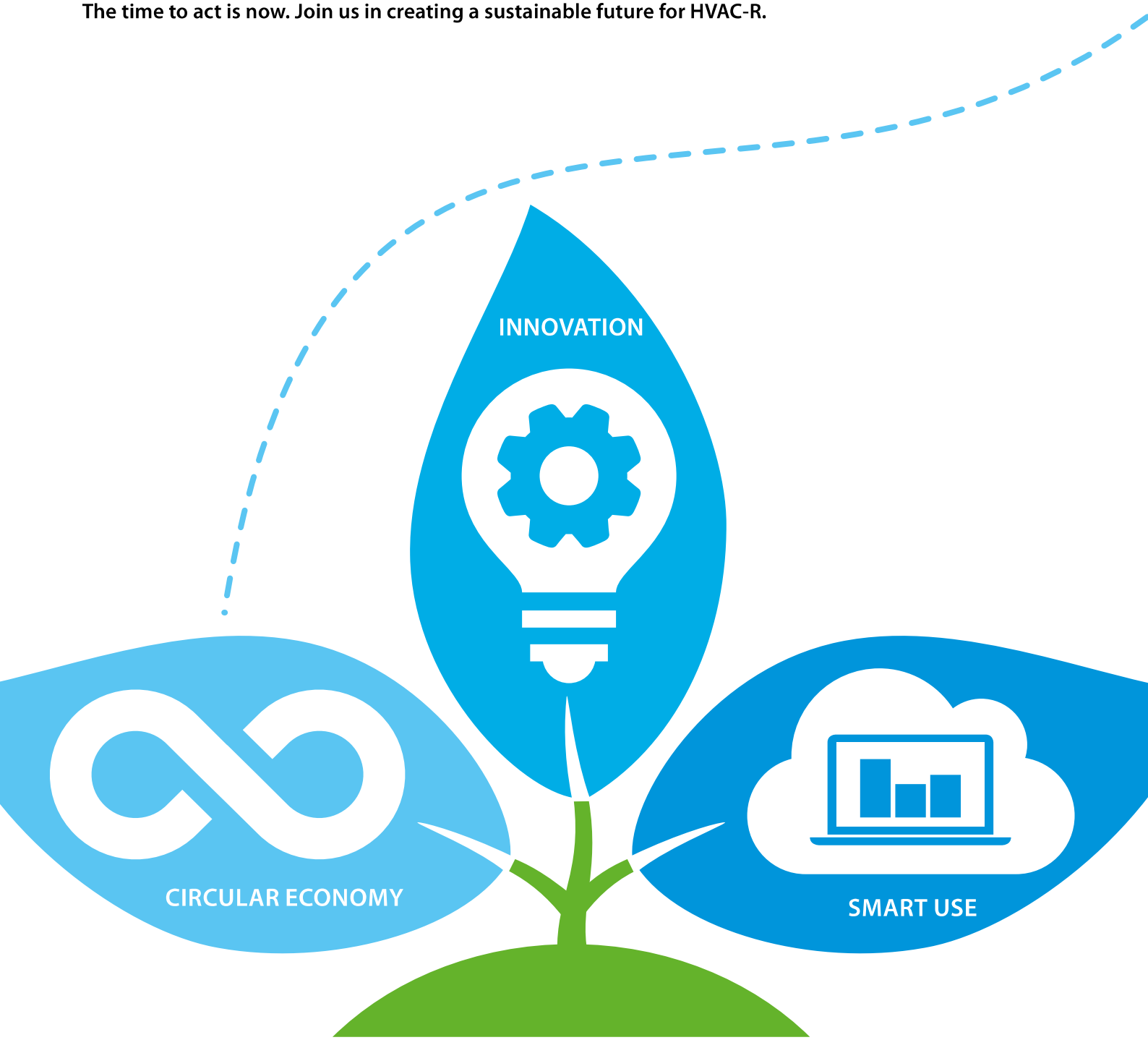
VRV

Maximum flexibility, minimum concern; As it should be.

Creating a sustainable future together

Determined to reduce our environmental footprint, we aim to be CO_2-neutral by 2050.
A circular economy, innovation and smart use – these are the stepping stones on our path.

The time to act is now. Join us in creating a sustainable future for HVAC-R.



www.daikin.eu/building-a-circular-economy

Circular economy

LOOP BY DAIKIN

Towards a circular economy of refrigerants

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

In this way **we use reclaimed refrigerant and avoid already 250,000 kg of virgin gas being produced each year!**

For VRV units produced and sold in Europe*

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

Join us to recover refrigerant and turn waste into an asset

What we have achieved with L∞P by Daikin so far is great and unique in our business, but it is not enough …

We invite you, our installer network, to recover more so we can roll out L∞P by Daikin towards more refrigerants and more product ranges. There is huge potential in existing installations to make a big leap in the years to come.

Create your own circular economy

We invite you as well to use our refrigerant recovery machine to create your own circular economy for field charge and servicing!

- Portable unit for easy transport
- Optimum purification
- Reuse your refrigerant locally

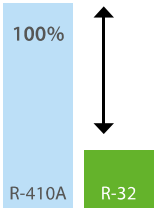
* EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland

Through innovation

Striving to become the lowest CO^2 equivalent manufacturer

VRV 5 S-series

BLUEVOLUTION



-71%

potential global warming impact

Introducing the lower GWP refrigerant R-32 on VRV 5

› Offer high real-world seasonal efficiencies
› Variable Refrigerant Temperature for high seasonal efficiency

Maximise efficiency 24/7 by deploying unique auto cleaning filters

› Available on the Round flow cassette and concealed ceiling units
› Automatic filter cleaning ensures high efficiencies and low maintenance costs because the filter is always clean

10 class unit for well insulated and smaller rooms

› Minimised energy use and maximum comfort as the indoor is adjusted to the room's capacity need

Control, monitor and optimize 24/7

Rigorously follow up on energy consumption via the Daikin Cloud Service

› Direct control over your energy use
› Compare with different sites to track abnormalities

Factor in experts' advice to continuously optimise system efficiency

› Enable predictive maintenance to ensure optimum operation and uptime

amazon alexa

works with the Google Assistant

Stay in control no matter where you are

› Prevent unneccessary energy use by remote control of your system
› Intuitve voice control

9 reasons why VRV is unique in the market

1 Leader in sustainability

NEW
- VRV 5: Completely new and dedicated R-32 mini VRV design
  - Less refrigerant charge
  - Higher efficiency
  - Lower CO_2 equivalent
- L∞P by Daikin: the creation of a circular economy of refrigerants
  - Saves over 150,000 kgs of virgin refrigerant being produced every year
  - For all VRV units produced and sold in Europe*

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

VRV 5 BLUEVOLUTION

CO_2

LOOP BY DAIKIN

2 Efficiency

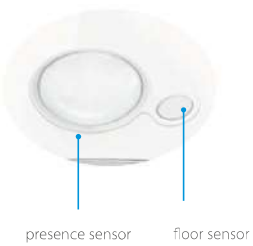
- Variable Refrigerant Temperature for high seasonal efficiency
- Round flow cassette and concealed ceiling units with auto cleaning filter
- The best partner for your BREEAM, LEED or Well project

BREEAM®

ErP 2021 COMPLIANT

3 Comfort

- Variable Refrigerant Temperature preventing cold draughts in cooling thanks to high outblow temperatures
- True continuous heating during defrost
- Presence and floor sensors direct the air flow away from persons, while ensuring an even temperature distribution
- Auto cleaning filters to ensure optimum air quality



4 Reliability

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

5 Design

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



6 Controls

NEW

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

7 Installation

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



7-segment display

8 Inventor

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

VRV

Variable Refrigerant Temperature

9 For every application a solution

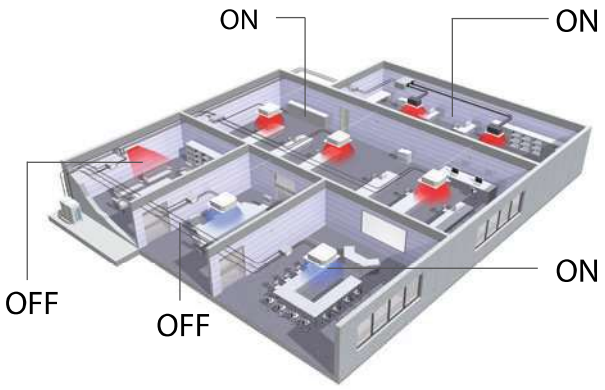
› Heat recovery for simultaneous cooling and heating
› Maximum flexibility for geothermal applications with water-cooled systems
› Hot and cold climate solutions offering efficient cooling up to 52°C and heating down to -25°C
› Space saving mini VRV solutions, offering the most compact VRV
› The invisible VRV, a unique solution when the outdoor unit must be compact and completely invisible
› Replacement solutions to replace existing systems in the most cost-effective way

But VRV is more…
standard VRV features

Low running costs

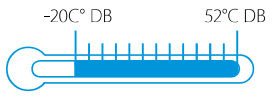
ALL INVERTER

› 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



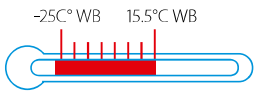
Great design flexibility

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



Cooling mode

multi tenant



Heating mode

max. 398kg for a 20HP unit

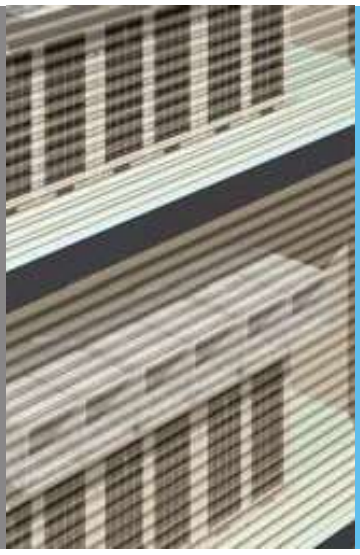
› Long refrigerant piping
› Zone by zone phased installation
› Outdoor units can be installed indoors
› Use one outdoor unit for multiple tenants

› 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

indoor installation of outdoor units



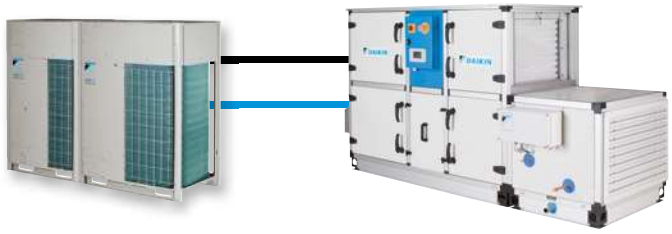
3 options:

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

Easy installation and servicing

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

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



High comfort levels

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

Simultaneous cooling and heating with heat recovery systems

DAIKIN emura

19 dB(A)

FULLY FLAT CASSETTE

25.5 dB(A)

› CO_2 sensor in combination with Daikin ventilation (VAM, VKM , Modular L Smart) units ensures fresh air, while preventing energy losses from over-ventilation

VRV total solution

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

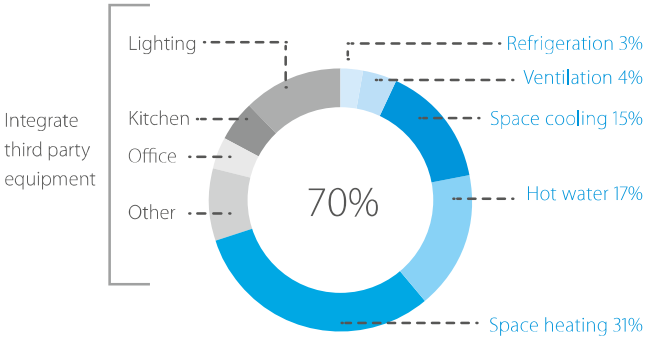
a total solution managing up to

70%

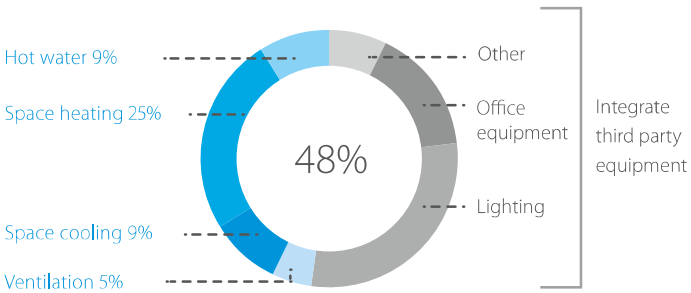
of a buildings energy consumption giving large potential to cost saving.

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

Average hotel energy consumption



Average office energy consumption



Offices
Efficiency in the workplace

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

Architect

Hotel
Hospitality with economy

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

Owner of a 5-star hotel

Shops
reducing retail costs

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

Retail shop representative

Residential
there is no place like home

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

VRV 5 Product overview

BLUEVOLUTION

VRV 5 outdoor unit overview

Model			Product name		4	5	6	VRV indoor units	Residential indoor units	Hydrobox	HRV units VAM	AHU connection	Air curtains	Remarks
Air – cooled heat pump	UNIQUE VRV 5 S-series	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~	●	●	●	○	×	×	○	○*	○*	› Standard total system connection ratio limit: 50 ~ 130%
				3~	●	●	●							

* For sales availability refer to your local sales representative

VRV 5 indoor unit overview

With new Madoka BRC1H52W/S/K !

Capacity class (kW)

Type	Model		Product name		10	15	20	25	32	40	50	63	71	80	100	125	140
Ceiling mounted cassette	UNIQUE Round flow cassette	360° air discharge for optimum efficiency and comfort › Auto cleaning function ensures high efficiency › Intelligent sensors save energy and maximize comfort › Flexibility to suit every room layout › Lowest installation height in the market! › Widest choice ever in decoration panel designs and colors	ROUND FLOW	FXFA-A			●	●	●	●	●	●		●	●	●	
	UNIQUE Fully flat cassette	Unique design that integrates fully flat into the ceiling › Perfect integration in standard architectural ceiling tiles › Blend of iconic design and engineering excellence › Intelligent sensors save energy and maximize comfort › Small capacity unit developed for small or well-insulated rooms › Flexibility to suit every room layout		FXZA-A		●	●	●	●	●	●						
Concealed ceiling	Slim concealed ceiling unit	Slim design for flexible installation › Compact dimensions enable installation in narrow ceiling voids › Medium external static pressure up to 44Pa › Only grilles are visible › Small capacity unit developted for small of well-insulated rooms › Reduced energy consumption thanks to DC fan motor	UNIQUE FOR R-32	FXDA-A	●	●	●	●	●	●	●	●					
	Concealed ceiling unit with medium ESP	Slimmest yet most powerfull medium static pressure unit on the market! › Slimmest unit in class, only 245mm › Low operating sound level › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths › Automatic air flow adjustment function measures the air volume and static pressure and adjusts it towards the nominal air flow, guaranteeing comfort		FXSA-A		●	●	●	●	●	●	●		●	●	●	●
Wall mounted	Wall mounted unit	For rooms with no false ceilings nor free floor space › Flat, stylish front panel is more easy to clean › Small capacity unit developted for small of well-insulated rooms › Reduced energy consumption thanks to DC fan motor › The air is comfortably spread up- and downwards thanks to 5 different discharge angles		FXAA-A		●	●	●	●	●	●	●					
Cooling capacity (kW)[1]					1.1	1.7	2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0	11.2	14.0	16.0
Heating capacity (kW)[2]					1.3	1.9	2.5	3.2	4.0	5.0	6.3	8.0	9.0	10.0	12.5	16.0	18.0

Black and designer panels

Auto cleaning filter option

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

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

VRV 5 indoor unit benefit overview

			Ceiling mounted cassette units		Concealed ceiling units		Wall mounted unit
			FXFA-A	FXZA-A	FXDA-A	FXSA-A	FXAA-A
							
We care	Home leave operation	During absence, indoor comfort levels can be maintained	●	●	●	●	●
	Fan only	The air conditioner can be used as fan, blowing air without cooling or heating	●	●	●	●	●
	Auto cleaning filter	The filter automatically cleans itself. Simplicity of upkeep means optimum energy efficiency and maximum comfort without the need for expensive or time-consuming maintenance	● (optional)		● (optional)		
	Floor and presence sensor	The presence sensor directs the air away from any person detected in the room. The floor sensor detects the average floor temperature and ensures an even temperature distribution between ceiling and floor	●	●			
Comfort	Draught prevention	When starting to warm up or when the thermostat is off, the air discharge direction is set horizontally and the fan to low speed, to prevent draught. After warming up, air discharge and fan speed are set as desired	●	●			
	Whisper quiet	Daikin indoor units are whisper quiet. Also the outdoor units are guaranteed not to disturb the quiet of the neightbourhood	●	●	●	●	
	Auto cooling-heating changeover	Automatically selects cooling or heating mode to achieve the set temperature	●	●	●	●	●
Air treatment	Air filter	Removes airborne dust particles to ensure a steady supply of clean air	G1(2) (G3 (2) in case of auto cleaning panel)	G1(2)	●	G1 (2)	●
Humidity control	Dry programme	Allows humidity levels to be reduced without variations in room temperature	●	●	●	●	●
Air flow	Ceiling soiling prevention	The air discharge of the indoor unit is specially designed to prevent air being blown against the ceiling to prevent ceiling stains	●	●			
	Vertical auto swing	Possibility to select automatic vertical moving of the air discharge louvre, for uniform air flow and temperature distribution	●	●			●
	Fan speed steps	Multiple fan speeds to select,to optimize comfort levels	5 + auto	3 + auto	3	3 + auto	3
	Individual louver control	Individual louver control via the wired remote controller makes it simple to fix the position of each louver individually, to suit any new room configuration. Optional closure kits are available as well	●	●			
Remote control & timer	Online Controller (BRP069C51) NEW	Can control and monitor the status of your Daikin heating or air conditioning system	●	●	●	●	●
	Weekly timer	Timer can be set to start and stop operation anytime on a daily or weekly basis	●	●	●	●	●
	Infrared remote control	Infrared remote control with LCD to remotely control your indoor unit	● (1)	● (1)	● (1)	● (1)	● (1)
	Wired remote control	Wired remote control to remotely control your indoor unit	Only connectable to new BRC1H52W/S/K				●
	Centralised control	Centralised control to to control several indoor units from one single point	●	●	●	●	●
Other funtcions	Auto-restart	The unit restarts automatically at the original settings after power failure	●	●	●	●	●
	Self-diagnosis	Simplifies maintenance by indicating system faults or operating anomalies	●	●	●	●	●
	Drain pump kit	Facilitates condensation draining from the indoor unit	Standard	Standard	Standard	Standard	Optional
	Multi tenant	The indoor unit's main power supply can be turned off when leaving the building or for servicing purposes	●	●	●	●	●

(1) Must be combined with Madoka wired remote controller

(2) Filter grade category are an indication, filters are not certified.

Best-in-class design versatility

Indoor unit installation in rooms down to 10m²!

When using R-32 refrigerant in VRV systems additional measures need to be taken according to the product standard IEC60335-2-40 (Ed.6), in order to use the VRV system to it's full potential.

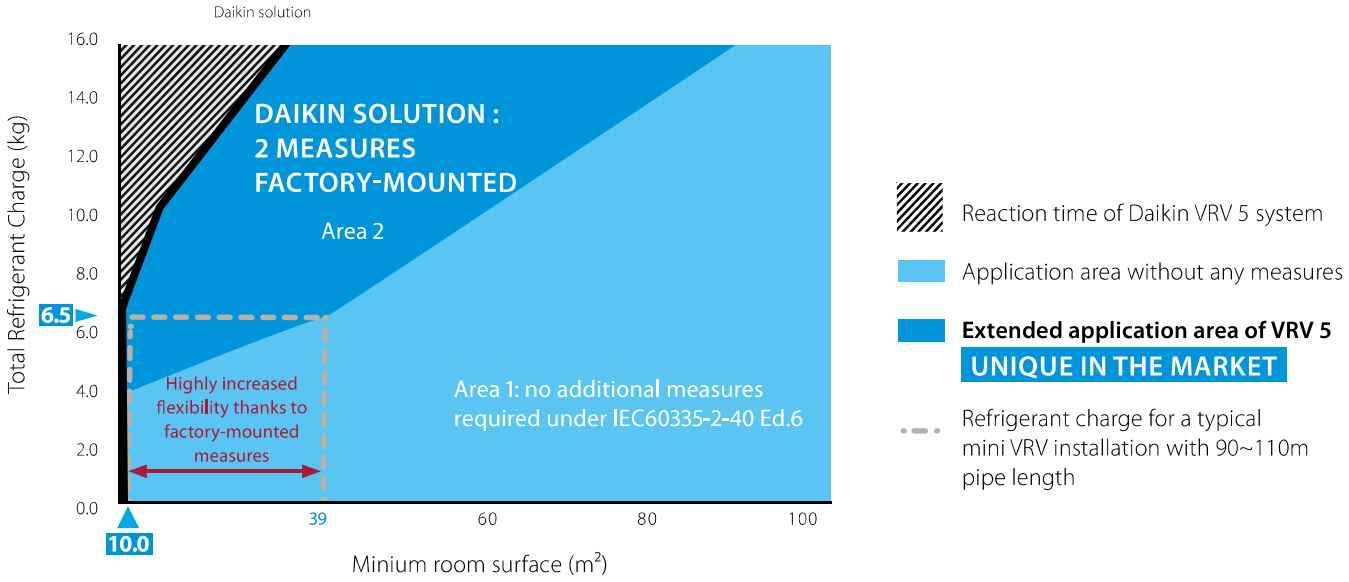
› The product standard IEC60335-2-40 (Ed.6) specifies all information regarding the total refrigerant amount and minimum room surface, depending on the additional measures taken.
› **Area 1**: Application area without any measures
  • Typically split and Sky Air systems fall in this area thanks to very low refrigerant charges.
  • A typical mini VRV installation, with 6.5kgs of refrigerant would require a minimum room surface of 39m² (1)
› **Area 2** :Extended application area of VRV 5 including 2 factory-mounted measures.
  • The Daikin way, enabling to **use the VRV system to it's full potential**, with a minimum room surface down to **10.0m²** (1)

THIRD PARTY APPROVED

CB CERTIFIED BY SGS CEBEC

(1) for indoor units installed at minimum 1.8m height and above the lowest underground floor.

Overview of application surface in function of applied measures under IEC60335-2-40 (Ed.6) , considering units are installed at minimum 1.8m height and above the lowest underground floor.



The representation above is Daikin's interpretation of IEC60335-2-40 (Ed.6) and has no intention to replace in anyway existing legislation.

Possible measures towards flammability

› Manufacturers have the choice to implement zero, one or two measures
› 3 types of measures are allowed:
  • Ventilation (natural or mechanical)
  • **Shut-off valves**
  • **Alarm (local and maybe central)**

DAIKIN SOLUTION, UNIQUE IN THE MARKET

The most flexible solution by Daikin

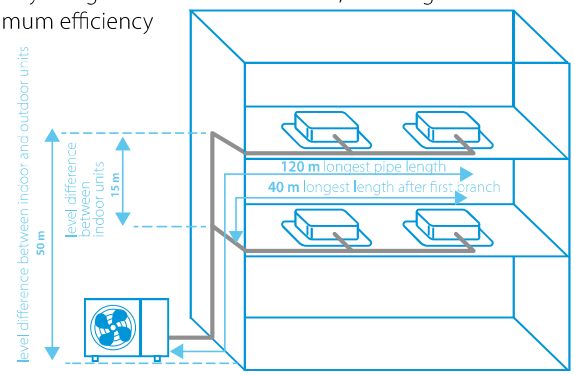
› **The most flexible solution: two measures, system integrated**
  • No additional costs or calculations needed to implement measures in the field
  • No hassle or additional time needed when installing
  • No risk in errors thanks to Xpress selection software
› **Third party tested** and approved

NEW RXYSA-AV1/AY1

VRV 5 S-series

Lower CO_2 equivalent and market-leading flexibility

- Reduced CO_2 equivalent thanks to the use of lower GWP R-32 refrigerant and lower refrigerant charge
- Top sustainability over the entire lifecycle, thanks to market leading real-life seasonal efficiency
- Low-height single fan range
- Easy to transport thanks to lightweight and compact design
- Wide access area to easily reach all key components
- 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

Access all technical information on RXYSA-AV1 at my.daikin.eu or click here

Access all technical information on RXYSA-AY1 at my.daikin.eu or click here

Reduced CO_2 equivalent

Like-for-like R-410A installation flexibility

ErP 2021 COMPLIANT
Already fully compliant to LOT 21 - Tier 2

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					3xFXSA25A2VEB + 1xFXSA32A2VEB	4xFXSA32A2VEB	2xFXSA32A2VEB + 2xFXSA40A2VEB	3xFXSA25A2VEB + 1xFXSA32A2VEB	4xFXSA32A2VEB	2xFXSA32A2VEB + 2xFXSA40A2VEB
ηs,c				%	324.5	306.1	301.0	312.5	294.8	289.9
ηs,h				%	200.5	185.7	183.6	193.1	178.8	176.8
SEER					8.2	7.7	7.6	7.9	7.4	7.3
SCOP					5.1	4.7	4.7	4.9	4.5	4.5
Maximum number of connectable indoor units					13 (1)	16 (1)	18 (1)	13 (1)	16 (1)	18 (1)
Indoor index connection	Min.				50	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	869x1,100x460					
Weight	Unit			kg	102					
Sound power level	Cooling	Nom.		dBA	67	68.1	69	67	68.1	69
	Heating	Nom.		dBA	68	69.2	70	68	69.2	70
	Heating	According to ENER LOT21			57	59	60	57	59	60
Sound pressure level	Cooling	Nom.		dBA	49	51	51	49	51	51
	Heating	Nom.		dBA	50	52	52	50	52	52
Operation range	Cooling	Min.~Max.		°CDB	-5.0 ~ 46.0					
	Heating	Min.~Max.		°CWB	-20.0 ~ 16					
Refrigerant	Type/GWP				R-32/675					
	Charge			kg/TCO2Eq	3.40 / 2.30					
Piping connections	Liquid	OD		mm	9.52					
	Gas	OD		mm	15.9					
	Total piping length	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		

(1) Actual number of units depends on the indoor unit type and the connection ratio restriction for the system (being 50% <= 130%) | Contains fluorinated greenhouse gases

The most comfortable cassette just got better

New round flow cassette

ROUND FLOW

› **Bigger louvers** and **new sensor logic** further improves equal air distribution in the room

› **Widest ever choice in panels** for cassette units, with up to 8 different panels

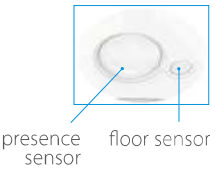
Black auto cleaning panel

Black designer panel

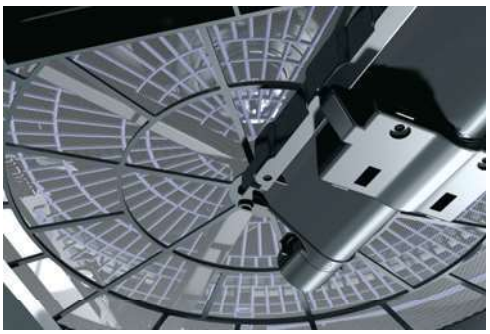
Full white standard panel

White designer panel

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



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



Auto cleaning filter

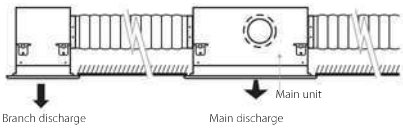
Dust can simply be removed using a vacuum cleaner without opening the unit.

* Available as an option

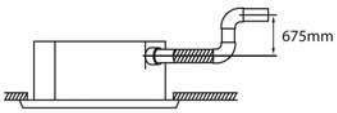
Round flow cassette

360° air discharge for optimum efficiency and comfort

- Optimised design for R-32 refrigerant
- Optional automatic filter cleaning 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 louvers and unique swing pattern improve equal air distribution
- Individual louver 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



White panel | White auto cleaning panel | Black panel | Black design panel

Access all technical information on FXFA-A at my.daikin.eu or click here

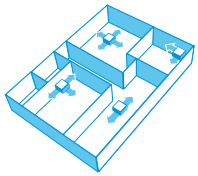
Indoor unit			FXFA	20A	25A	32A	40A	50A	63A	80A	100A	125A
Cooling capacity	Total capacity	at high fan speed	kW	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00
Heating capacity	Total capacity	at high fan speed	kW	2.50	3.20	4.00	5.00	6.30	8.00	10.00	12.50	16.00
Power input - 50Hz	Cooling	at high fan speed	kW	0.04				0.05	0.06	0.09	0.12	0.19
	Heating	at high fan speed	kW	0.04				0.05	0.06	0.09	0.12	0.19
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840						246x840x840		288x840x840
Weight	Unit		kg	18			19	21		24		26
Casing	Material			Galvanised steel plate								
Decoration panel	Model			Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels BYCQ140EGF - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black								
	Dimensions	HeightxWidthxDepth	mm	Standard panels: 65x950x950 / Auto cleaning panels: 148x950x950 / Designer panels: 106x950x950								
	Weight		kg	Standard panels: 5.5 / Auto cleaning panels: 10.3 / Designer panels: 6.5								
Fan	Air flow rate - 50Hz	Cooling At high fan speed	m^3/min	12.8			14.8	15.1	16.6	23.3	28.8	33.0
		Heating At high fan speed	m^3/min	12.8			14.8	15.1	16.6	23.3	28.8	33.0
Air filter	Type			Resin net								
Sound power level	Cooling	At high fan speed	dBA	49 (4)			51 (4)		53 (4)	55 (4)	60 (4)	61 (4)
Sound pressure level	Cooling	L/ML/M/MH/H	dBA	31/30/29/29.5/28 (4)			33/32/31/30/29 (4)		35/34/33/32/30 (4)	38/36/34/32/30 (4)	43/41/37/34/30 (4)	45/43/41/39/36 (4)
	Heating	L/ML/M/MH/H	dBA	31/30/29/29.5/28 (4)			33/32/31/30/29 (4)		35/34/33/32/30 (4)	38/36/34/32/30 (4)	43/41/37/34/30 (4)	45/43/41/39/36 (4)
Refrigerant	Type/GWP			R-32 / 675								
Piping connections	Liquid	OD	mm	6.35							9.52	
	Gas	OD	mm	9.52			12.7				15.9	
	Drain			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) (1)		A	6								
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 | (2) Must be combined with Madoka wired remote controller. | (3) L/ML/M/MH/H are the different fan speeds available. L= low; ML= medium low; M= medium; MH= medium high; H= high | (4) Sound of designer panel: +3dB | Contains fluorinated greenhouse gases

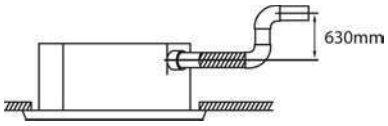
Fully flat cassette

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 louver 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

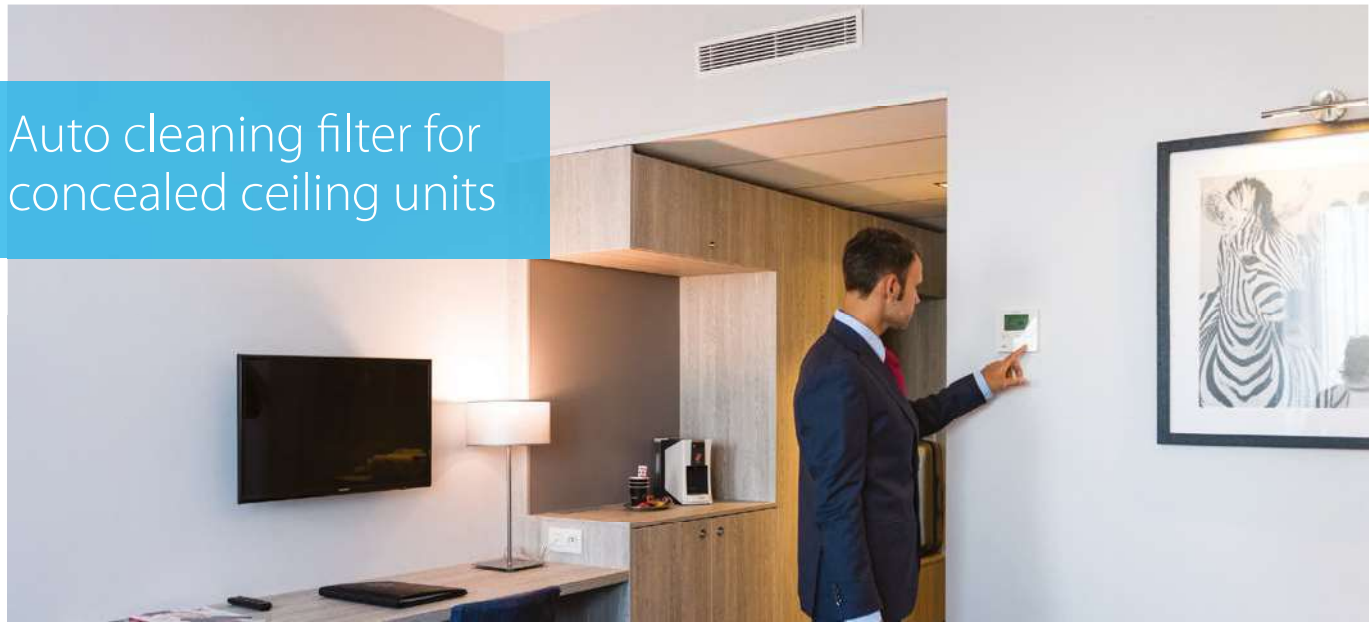


Access all technical information on FXZA-A at my.daikin.eu or click here

Indoor unit			FXZA	15A	20A	25A	32A	40A	50A
Cooling capacity	Total capacity	At high fan speed	kW	1.70	2.20	2.80	3.60	4.50	5.60
Heating capacity	Total capacity	At high fan speed	kW	1.90	2.50	3.20	4.00	5.00	6.30
Power input - 50Hz	Cooling	At high fan speed	kW	0.043			0.045	0.059	0.092
	Heating	At high fan speed	kW	0.043			0.045	0.059	0.092
Dimensions	Unit	HeightxWidthxDepth	mm	260x575x575					
Weight	Unit		kg	15.5			16.5		18.5
Casing	Material			Galvanised steel plate					
Decoration panel	Model			BYFQ60C4W1W					
	Colour			White (N9.5)					
	Dimensions	HeightxWidthxDepth	mm	46x620x620					
	Weight		kg	2.8					
Decoration panel 2	Model			BYFQ60C4W1S					
	Colour			SILVER					
	Dimensions	HeightxWidthxDepth	mm	46x620x620					
	Weight		kg	2.8					
Decoration panel 3	Model			BYFQ60B2W1 + wire harness EKRS23					
	Colour			White (RAL9010)					
	Dimensions	HeightxWidthxDepth	mm	55x700x700					
	Weight		kg	2.7					
Decoration panel 4	Model			BYFQ60B3W1 + wire harness EKRS23					
	Colour			WHITE (RAL9010)					
	Dimensions	HeightxWidthxDepth	mm	55x700x700					
	Weight		kg	2.7					
Fan	Air flow rate - 50Hz	Cooling At high fan speed	m^3/min	8.5	8.7	9.0	10.0	11.5	14.0
		Heating At high fan speed	m^3/min	8.5	8.7	9.0	10.0	11.5	14.0
Air filter	Type			Resin net					
Sound power level	Cooling	At high fan speed	dBA	49		50	51	54	60
Sound pressure level	Cooling	Low/medium/high fan speed	dBA	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/medium/high fan speed	dBA	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-32 / 675					
Piping connections	Liquid	OD	mm	6.35					
	Gas	OD	mm	9.52				12.7	
	Drain			VP20 (I.D. 20/O.D. 26)					
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)		A	6					
Control systems	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. | Contains fluorinated greenhouse gases

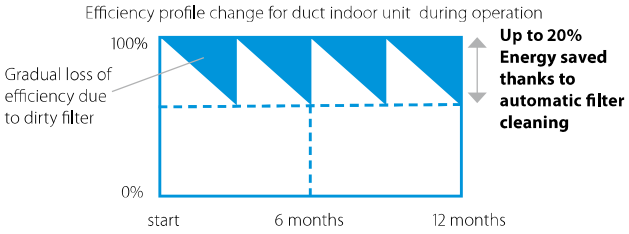
Auto cleaning filter for concealed ceiling units



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

Reduce running costs

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



Minimal time required for filter cleaning

› The dust box can be emptied with a vacuum cleaner for fast and easy cleaning

› No more dirty ceilings

Improved indoor air quality

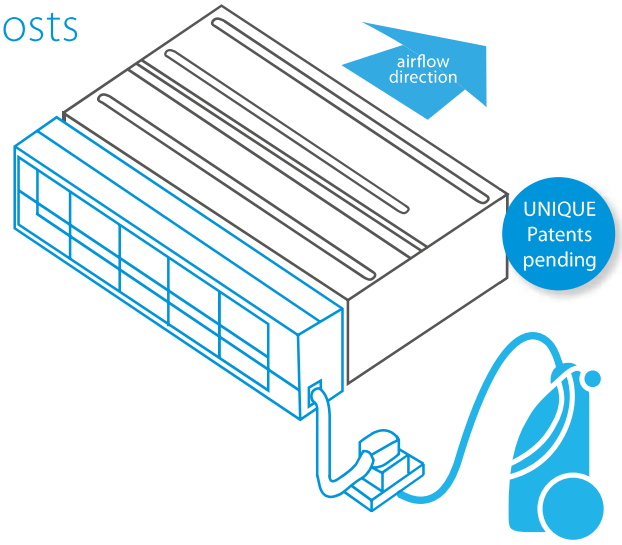
› Optimum airflow eliminates draft and insulates sound

Superb reliability

› Prevents clogged filters for seamless operation

Unique technology

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



How does it work?

1 Scheduled automatic filter cleaning

2 Dust collects in a dust box that's integrated into the unit

3 The dust can easily be removed with a vacuum cleaner

Unique in the market

YouTube

www.youtube.com/DaikinEurope

Combination table

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

Specifications

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

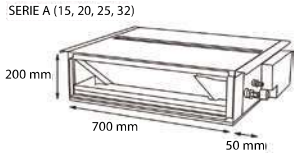
NEW FXDA-A

Slim concealed ceiling unit

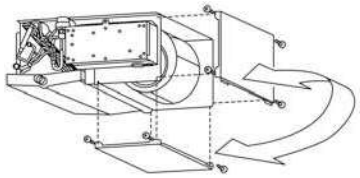
BLUEVOLUTION

Slim design for flexible installation

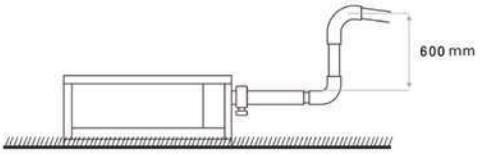
› Optimised design for R-32 refrigerant
› 10 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
› Compact dimensions, can easily be mounted in a ceiling void of only 240mm

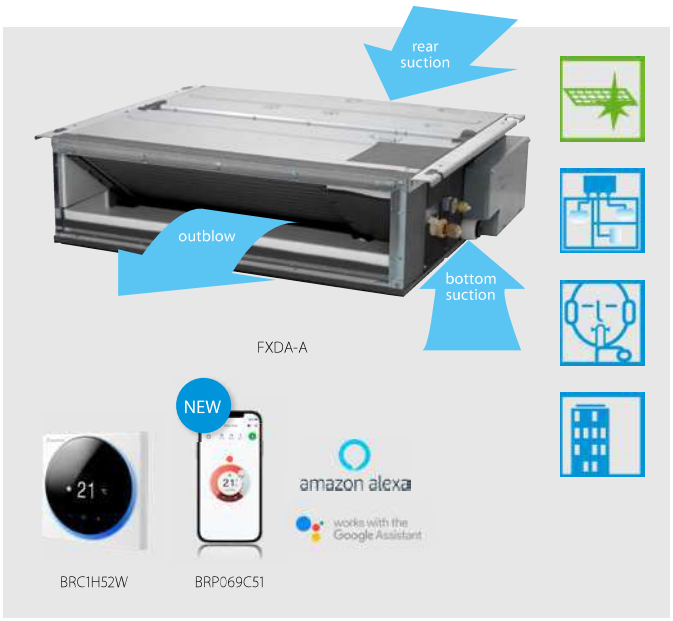


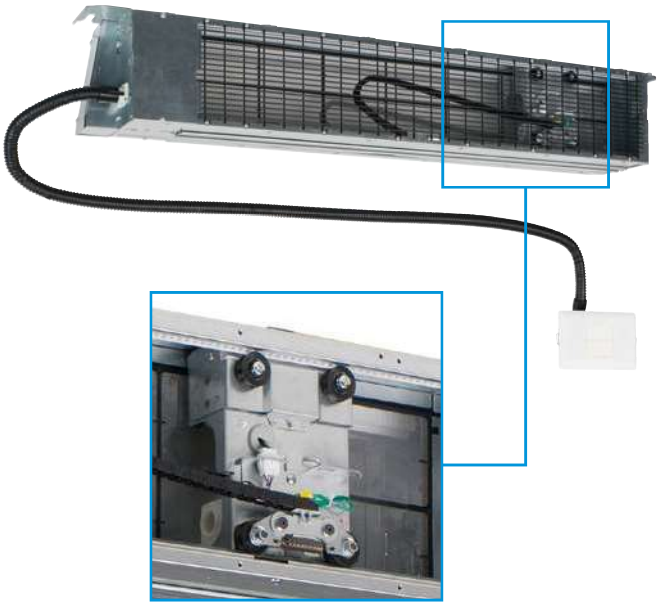
› Medium external static pressure up to 44Pa facilitates unit use with flexible ducts of varying lengths
› Discretely concealed in the wall: only the suction and discharge grilles are visible
› Optional auto cleaning filter option ensures maximum efficiency, comfort and reliability by regular filter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



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







Auto cleaning filter option

Access all technical information on FXDA-A at my.daikin.eu or click here

Access all technical information on BAE20A at my.daikin.eu or click here NEW

Indoor unit			FXDA	10A	15A	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	At high fan speed	kW	1.10	1.70	2.20	2.80	3.60	4.50	5.60	7.10
Heating capacity	Total capacity	At high fan speed	kW	1.30	1.90	2.50	3.20	4.00	5.00	6.30	8.00
Power input - 50Hz	Cooling	At high fan speed	kW	0.042	0.057	0.068			0.075	0.096	0.107
	Heating	At high fan speed	kW	0.042	0.057	0.068			0.075	0.096	0.107
Required ceiling void >			mm	240							
Dimensions	Unit	HeightxWidthxDepth	mm	200x750x620					200x950x620		200x1,150x620
Weight	Unit		kg	22.0					26.0		29.0
Casing	Material			Galvanised steel							
Fan	Air flow rate - 50Hz	Cooling At high fan speed	m^3/min	5.2	6.5	8.0			10.5	12.5	16.5
	External static pressure - 50Hz	Factory set/High	Pa	10/30.0					15/44.0		
Air filter	Type			Removable / washable							
Sound power level	Cooling	At high fan speed	dBA	48	50	51			52	53	54
Sound pressure level	Cooling	Low/Medium/High fan speed	dBA	26 / 28 / 29	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	6							
Control systems	Infrared remote control			BRC4C65 / BRC4C66 (1)							
	Wired remote control			BRC1H52W/S/K							

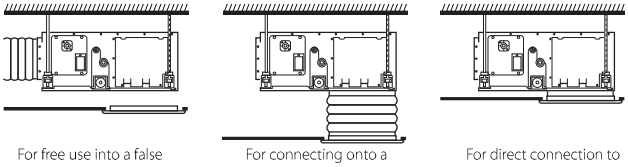
(1) Must be combined with Madoka wired remote controller. | Contains fluorinated greenhouse gases

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

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

› Quiet operation: down to 25dBA sound pressure level
› Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
› Possibility to change ESP via wired remote control allows optimisation of the supply air volume
› Discretely concealed in the wall: only the suction and discharge grilles are visible
› 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
› Optional fresh air intake
› Flexible installation: air suction direction can be altered from rear to bottom suction and choice between free use or connection to optional suction grilles

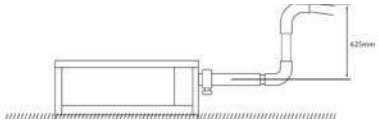


For free use into a false ceiling

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

For direct connection to Daikin panel (via EKBYBSD kit)

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

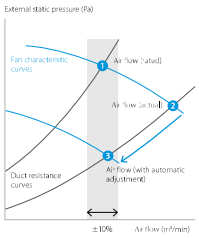


Automatic Airflow Adjustment function

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



Access all technical information on FXSA-A at my.daikin.eu or click here

Indoor unit			FXSA	15A	20A	25A	32A	40A	50A	63A	80A	100A	125A	140A
Cooling capacity	Total capacity	At high fan speed	kW	1.70	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	16.00
Heating capacity	Total capacity	At high fan speed	kW	1.90	2.50	3.20	4.00	5.00	6.30	8.00	10.0	12.5	16.0	18.0
Power input - 50Hz	Cooling	At high fan speed	kW	0.086				0.147	0.150	0.183	0.209	0.285	0.326	0.382
	Heating	At high fan speed	kW	0.086				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 At high fan speed	m^3/min	8.7	9.0		9.5	15.0	15.2	21.0	23.0	32.0	36.0	39.0
		Heating At high fan speed	m^3/min	8.7	9.0		9.5	15.0	15.2	21.0	23.0	32.0	36.0	39.0
	External static pressure - 50Hz	Factory set/High	Pa	30/150							40/150		50/150	
Air filter	Type			Resin net										
Sound power level	Cooling	At high fan speed	dBA	54			55	60		59	61		64	
Sound pressure level	Cooling	Low/Medium./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/Medium/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									9.52	
	Gas	OD	mm	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	6										
Control systems	Infrared remote control			BRC4C65 (1)										
	Wired remote control			BRC1H52W/S/K										

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

Wall mounted unit

For rooms with no false ceilings nor free floor space

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

Access all technical information on FXAA-A at my.daikin.eu or click here

Indoor unit				FXAA	15A	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	At high fan speed		kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Total capacity	At high fan speed		kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	At high fan speed		kW	0.017	0.019	0.028	0.030	0.025	0.033	0.050
	Heating	At high fan speed		kW	0.025	0.029	0.034	0.035	0.030	0.039	0.060
Dimensions	Unit	HeightxWidthxDepth		mm	290x795x266				290x1,050x269		
Weight	Unit			kg	15				18.5		
Fan	Air flow rate - 50Hz	Cooling	Low/High fan speed	m^3/min	6.5/7.1	6.5/7.9	6.5/8.3	6.5/9.4	9.8/12.2	10.9/14.2	12.9/18.2
Air filter	Type				Washable resin net						
Sound power level	Cooling	At high fan speed		dBA	51.0	52.0	53.0	55.0		58.0	63.0
Sound pressure level	Cooling	Low/High fan speed		dBA	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
	Heating	Low/High fan speed		dBA	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-32 / 675						
Piping connections	Liquid	OD		mm	6.35						
	Gas	OD		mm	9.52				12.7		
	Drain				VP13 (I.D. 15/O.D. 18)						
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240						
Current - 50Hz	Maximum fuse amps (MFA)			A	6						
Control systems	Infrared remote control				BRC7EA630 (1)						
	Wired remote control				BRC1H52W/S/K						

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

Products overview VRV IV LOOP BY DAIKIN (1)

	Model		Product name	4	5	6	8	10	12	13	14	16	18	20	22	24	26	28	30
Air cooled - heat recovery	VRV IV heat recovery	UNIQUE Best efficiency & comfort solution › Fully integrated solution with heat recovery for maximum efficiency › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, air handling units and Biddle air curtains › "Free" heating and hot water through heat recovery › The perfect personal comfort for guests/tenants via simultaneous cooling and heating › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature and continuous heating › Allows technical cooling › Widest range of BS boxes on the market	REYQ-U VRV IV+				●	●	●		●	●	●	●					
							●	●	●		●	●	●	●					
							○			○		○	○	○	○	○	○	○	○
Air cooled - heat pump	VRV IV heat pump with continuous heating	Daikin's optimum solution with top comfort › Continuous heating during defrost › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, air handling units and Biddle air curtains › Connectable to stylish indoor units (Daikin Emura, Stylish,...) › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature and continuous heating	RYYQ-U VRV IV+				●	●	●		●	●	●	●					
							○			○		○	○	○	○	○	○	○	○
	VRV IV heat pump without continuous heating	Daikin's solution for comfort & low energy consumption › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, air handling units and Biddle air curtains › Connectable to stylish indoor units (Daikin Emura, Stylish,...) › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature	RXYQ-U VRV IV+				●	●	●		●	●	●	●					
							○			○		○	○	○	○	○	○	○	○
	VRVIV-S series Compact	NEW The most compact VRV › Compact and lightweight single fan design saves space and is easy to install › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air curtains › Either connect VRV of stylish indoor units (Daikin Emura, Stylish,...) › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature	RXYSCQ-TV1 VRV IV S-series Compact	●	●	NEW ●													
	VRVIV-S series	UNIQUE Space saving solution without compromising on efficiency › Space saving trunk design for flexible installation › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air curtains › Either connect VRV of stylish indoor units (Daikin Emura, Stylish,...) › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature	RXYSQ-TV9/TY9/TY1 VRV IV S-series	TV9 ●	●	●													
				TY9/TY1 ●	●	●	●	●	●										
	VRV IVheat pump for indoor installation	UNIQUE The invisible VRV › Unique VRV heat pump for indoor installation › Total flexibility for any shop location and building type as the outdoor unit is invisible and split up in 2 parts › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation and Biddle air curtains	SB.RKXYQ-T(8) VRV IV i-series		○		○												
	VRV IV heat pump, optimised for cold climates	Where heating is priority without compromising on efficiency › Suitable for single source heating › Extended operation range down to -25°C in heating › Stable heating capacity without any capacity loss down to -15°C › Very economical solution as a smaller outdoor unit model can be used compared to the standard series	RXYLQ-T VRV IV C+series					●	●		●	○	○	○	○	○	○	○	○
Replacement	heat recovery	Quick & quality replacement for R-22 and R-407C systems › Cost-effective and fast replacement through re-use of exisiting piping › Drastically improve your comfort, efficiency and reliability › No interuption of daily business while replacing your system › Replace Daikin and other manufacturers systems safely	RQCEQ-P3 VRVIII-Q					○		○		○	○	○	○	○	○	○	○
	heat pump	Quick & quality replacement for R-22 and R-407C systems › Cost-effective and fast replacement through re-use of exisiting piping › Drastically improve your comfort, efficiency and reliability › No interuption of daily business while replacing your system › Replace Daikin and other manufacturers systems safely › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature	RXYQQ-U VRV IV Q+series		●		●	●	●		●	●	●	●					
												○	○	○	○	○	○	○	○
Water cooled	Water cooled VRV IV	Ideal for high rise buildings, using water as heat source › Reduced CO2 emissions thanks to the use of geothermal energy as a renewable energy source › No need for an external heating or cooling source when used in geothermal mode › Compact & lightweight design can be stacked for maximum space saving › Incorporates VRV IV standards & technologies such as Variable Refrigerant temperature › Variable Water Flow control option increases flexibility and control › Mixed connection of HT hydroboxes and VRV indoor units › Either connect VRV of stylish indoor units (Daikin Emura, Stylish,...) › 2 analogue input signals allowing external control	RWEYQ-T9* VRV IV W+series				●	●	●		●								
												○	○	○	○	○	○	○	○

Ranges marked with '*' are not Eurovent certified. Multi combinations are not in scope of the Eurovent certification programme

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

● Single unit

○ Multi combination

Capacity (HP)												Description / Combination	**VRV** indoor units	Residential indoor units	**LT Hydrobox** HXY-A	**HT Hydrobox** HXHD-A	HRV units VAM-, VKM-	**AHU connection** EKEXV- + EKEQMCBA	**AHU connection** EKEXV- + EKEQFCBA	**Air curtains** CYV-DK-	Remarks
32	34	36	38	40	42	44	46	48	50	52	54										
												VRV IV⁺ Heat Recovery REYQ-T	○	×	○	○	○	○	×	○	› Standard total system connection ratio limit: 50 ~ 130%
												with only VRV indoor units	✓								
												with LT/HT Hydroboxes	✓		✓	✓	✓				› Max 32 indoor units, even on 16HP and larger systems › Total system connection ratio with HT hydroboxes up to 200% possible
												HRV units VAM-, VKM-	✓		✓	✓	✓	✓		✓	› Dedicated systems (with only ventilation units) not allowed – a mix with standard VRV indoor units is allways neccessary
●	●	●	●	●	●	●	●	●	●	●	●	AHU connection EKEXV + EKEQMCBA	✓				✓	✓		✓	
												Biddle air curtain CYV-DK-	✓				✓	✓		✓	› Total system connection ratio with AHU is 50 ~ 110%
												VRV IV⁺ Heat Pump RYYQ-T(8) / RXYQ-T(9)	○	○	○	×	○	○	○	○	› Standard total system connection ratio limit: 50 ~ 130%
												with only VRV indoor units	✓								› 200% total system connection ratio possible under special circumstances
												with residential indoor units	✓	✓			✓				› Only single-module systems (RYYQ 8~20 T / RXYQ 8~20 T) › Max 32 indoor units, even on 16HP, 18HP and 20HP systems › Connection ratio: 80 ~ 130%
●	●	●	●	●	●	●	●	●	●	●	●	with LT Hydroboxes	✓		✓		✓				› Max 32 indoor units, even on 16HP and larger systems › Contact Daikin in case of multi-module systems (>20HP)
												HRV units VAM-, VKM-	✓	✓	✓		✓	✓		✓	
												AHU connection EKEXV + EKEQMCBA	✓				✓	✓		✓	› Total system connection ratio with AHU is 50 ~ 110%
												AHU connection EKEXV + EKEQFCBA							✓		
●	●	●	●	●	●	●	●	●	●	●	●	Biddle air curtain CYV-DK-	✓				✓	✓		✓	
												VRV IV-S RXYSQ-/RXYSCQ-	○	○	×	×	○	○	×	○	› Standard total system connection ratio limit: 50 ~ 130%
												with VRV indoor units only	✓				✓	✓		✓	
												with residential indoor units only		✓							› With residential indoor: connection ratio limit: 80 ~ 130%
												VRV IV i series SB.RKXYQ-T(8)	✓	×	×	×	✓	✓	×	✓	› Standard total system connection ratio limit: 50 ~ 130%
												VRV IV-C⁺ series RXYLQ-T	○	○	○	×	○	○	○	○	› Standard total system connection ratio limit: 70 ~ 130%
												with VRV indoor units only	✓				✓			✓	
												with residential indoor units only		✓							› With residential indoor: connection ratio limit: 80 ~ 130%
●	●	●	●	●	●							with LT hydroboxes	✓		✓		✓				› Max. 32 indoor units, contact Daikin in case of multi-module systems (> 14HP)
												AHU connection EKEXV + EKEQMCBA	✓				✓	✓		✓	› Total system connection ratio is 70~110%
												AHU connection EKEXV + EKEQFCBA	✓						✓		› With AHU only connection ration is 90~110%
												VRV III-Q⁺ series Replacement H/R RQCEQ-P3	✓	×	×	×	✓	×	×	×	› Standard total system connection ratio limit: 50 ~ 130%
●	●	●	●	●	●							**VRV IV-Q Replacement H/P** RXYQQ-T	✓	×	×	×	✓	✓	×	✓	› Standard total system connection ratio limit: 50 ~ 130%
												VRV IV-W⁺ series Water-cooled VRV RWEYQ-T9	○	○	×	○	○	○	○	○	› Standard total system connection ratio limit: 50 ~ 130%
												with VRV indoor units	✓			✓	✓	✓	✓	✓	
												with split indoor units	✓	✓			✓				› Only single-module systems (RWEYQ8-14T9) › Max 32 indoor units › Connection ratio: 80 ~ 130% › only in heat pump version
●	●	●	●	●	●							with HT hydrobox	✓			✓					
												AHU connection	✓					✓			› Total system connection ratio with AHU + X indoor is 50 ~ 110% › Total system connection ration with AHU only is 90~ 110%

○ ... connection of indoor unit possible, but not neccessarily simultaneously with other allowed indoor units
✓ ... connection of indoor unit possible even simultaneously with other checked units in the same row
× ... connection of indoor not possible on this outdoor unit system

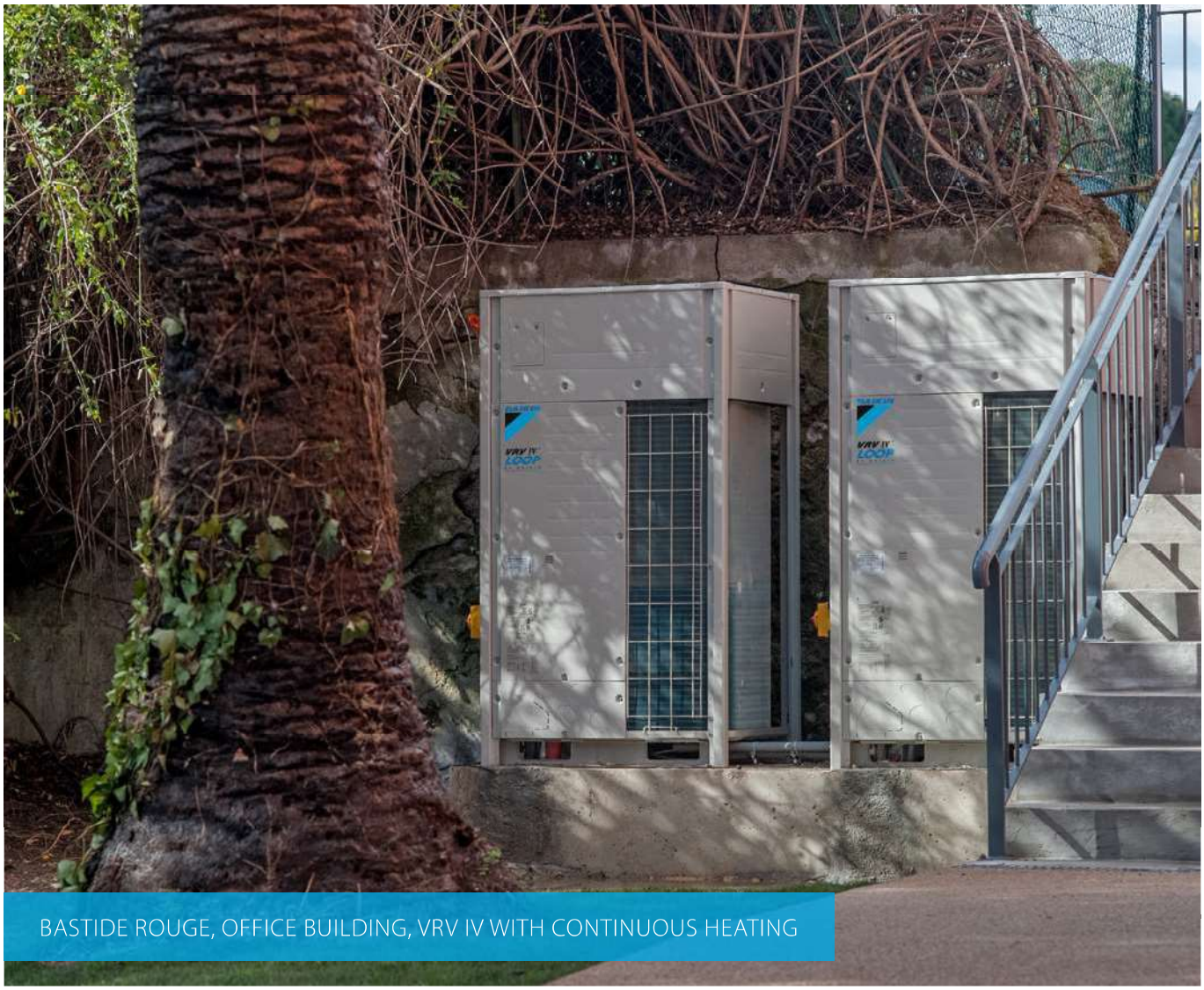
L∞P BY DAIKIN VRV IV+ HEAT RECOVERY

PARK PHI
BREEAM EXCELLENT OFFICE BUILDING
WATERCOOLED VRV

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

HOTEL LE PIGONNET, 8 REPLACEMENT VRV

L∞P BY DAIKIN VRV IV
S-SERIES



BASTIDE ROUGE, OFFICE BUILDING, VRV IV WITH CONTINUOUS HEATING

Innovation in detail

L∞P by Daikin

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

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

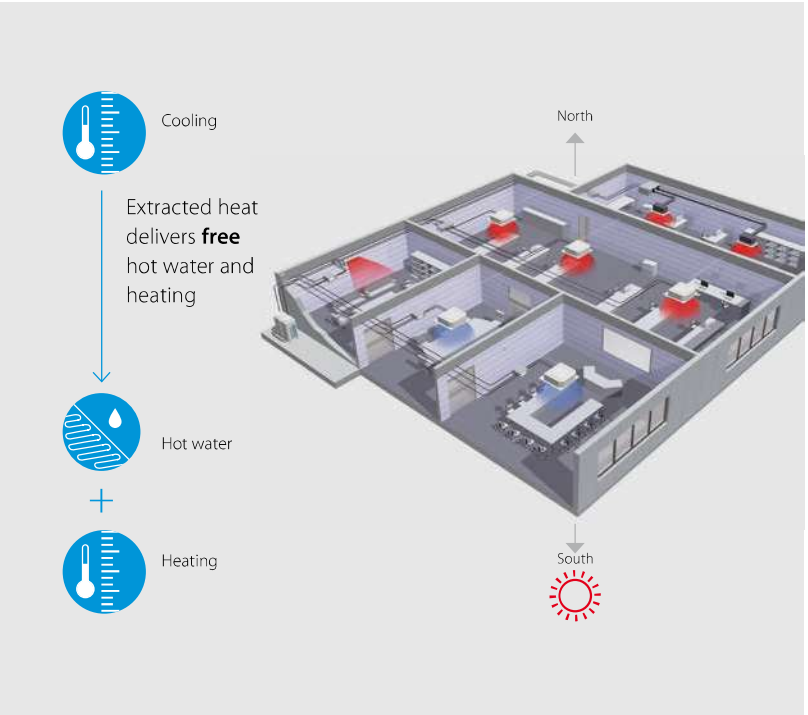
"Free" heat and hot water production

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

Maximum comfort

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

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



Advantages of 3-pipe technology

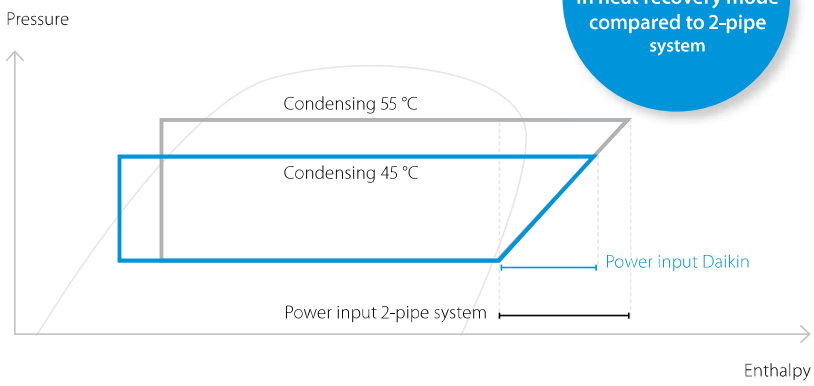
Efficient **3-pipe** system

More "free" heat

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

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

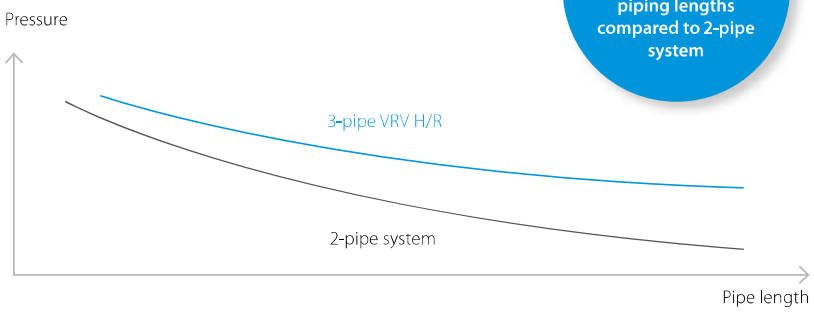
5 to 15% more efficient in heat recovery mode compared to 2-pipe system



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

Up to 5% more cooling capacity available at longer piping lengths compared to 2-pipe system



Maximum design flexibility and installation speed

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

Single port

BS1Q 10,16,25A

Multi port: 4 – 6 – 8 – 10 – 12 – 16

BS 4 Q14 A

BS 6, 8 Q14 A

BS 10, 12 Q14 A

BS 16 Q14 A

VRV IV+ heat recovery

Best efficiency & comfort solution

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

LOOP BY DAIKIN

Applies to units sold in Europe*

ErP 2021 COMPLIANT

Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units

Access all technical information on REYQ-U at my.daikin.eu or click here

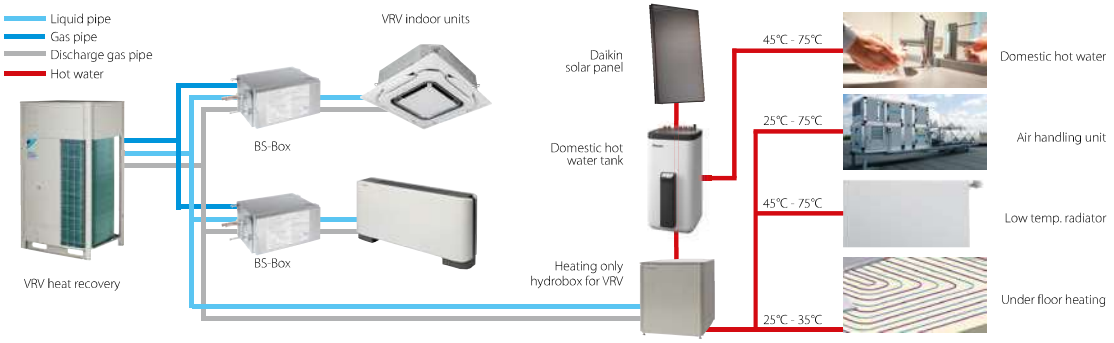
Outdoor unit				REYQ	8U	10U	12U	14U	16U	18U	20U
Capacity range				HP	8	10	12	14	16	18	20
Cooling capacity	Prated,c			kW	22.4	28.0	33.5	40.0	45.0	50.4	52.0
Heating capacity	Prated,h			kW	13.7	16.0	18.4	20.6	23.2	27.9	31.0
	Max.	6°CWB		kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0
ηs,c				%	286.1	264.8	257.0	255.8	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			1,685x1,240x765			
Weight	Unit			kg	230			314		317	
Sound power level	Cooling	Nom.		dBA	78.0	79.1	83.4	80.9	85.6	83.8	87.9
Sound pressure level	Cooling	Nom.		dBA	57.0		61.0	60.0	63.0	62.0	65.0
Operation range	Cooling	Min.~Max.		°CDB	-5.0~43.0						
	Heating	Min.~Max.		°CWB	-20.0~15.5						
Refrigerant	Type/GWP				R-410A/2,087.5						
	Charge			kg/TCO2Eq	9.7/20.2	9.8/20.5	9.9/20.7	11.8/24.6			
Piping connections	Liquid	OD		mm	9.52			12.7		15.9	
	Gas	OD		mm	19.1	22.2		28.6			
	HP/LP gas	OD		mm	15.9	19.1		22.2			28.6
	Total piping length	System	Actual	m	1,000						
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)			A	20	25	32		40		50

Outdoor unit System + Module				REYQ	10U	13U	16U	18U	20U	22U	24U	26U	28U	30U	32U
System	Outdoor unit module 1				REMQ5U			REYQ8U		REYQ10U	REYQ8U		REYQ12U		REYQ16U
	Outdoor unit module 2				REMQ5U	REYQ8U		REYQ10U	REYQ12U		REYQ16U	REYQ14U	REYQ16U	REYQ18U	REYQ16U
Capacity range				HP	10	13	16	18	20	22	24	26	28	30	32
Cooling capacity	Prated,c			kW	28.0	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5	83.9	90.0
Heating capacity	Prated,h			kW	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		6.4	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		mm	9.52	12.7		15.9				19.1			
	Gas	OD		mm	22.2	28.6					34.9				
	HP/LP gas	OD		mm	19.1		22.2		28.6						
	Total piping length	System	Actual	m	500					1,000					
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415										
Current - 50Hz	Maximum fuse amps (MFA)			A	40		50		63					80	

Contains fluorinated greenhouse gases

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

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



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					REYQ18U	
	Outdoor unit module 3				-		REYQ18U		REYQ16U				REYQ18U		
Capacity range				HP	34	36	38	40	42	44	46	48	50	52	54
Cooling capacity	Prated,c			kW	95.4	97.0	106.3	111.9	118.0	123.5	130.0	135.0	140.4	145.8	151.2
Heating capacity	Prated,h			kW	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	19.1										
	Gas	OD		mm	34.9	41.3									
	HP/LP gas	OD		mm	28.6		34.9								
	Total piping length	System	Actual	m	1,000										
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415										
Current - 50Hz	Maximum fuse amps (MFA)			A	80		100					125			

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

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

VRV IV+ heat pump

Daikin's optimum solution with top comfort

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

LOOP BY DAIKIN

Applies to units sold in Europe*

ErP 2021 COMPLIANT

Already fully compliant to LOT 21 - Tier 2

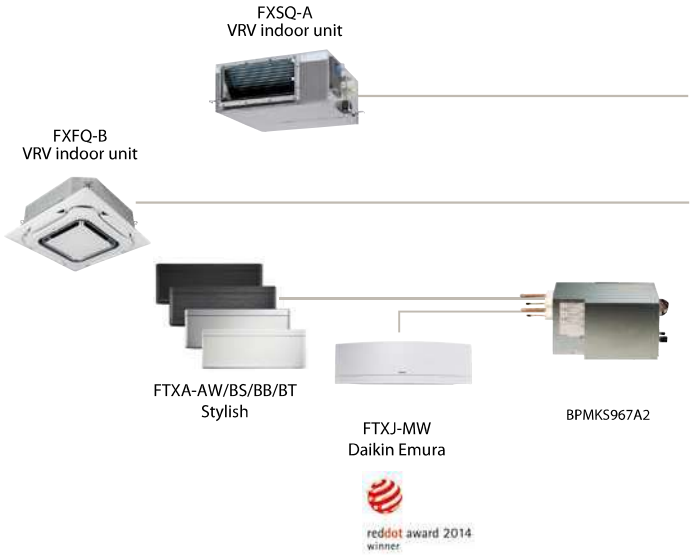
Published data with real-life indoor units

Access all technical information on RYYQ-U at my.daikin.eu or click here

Access all technical information on RXYQ-U at my.daikin.eu or click here

Outdoor unit			RYYQ/RXYQ	8U	10U	12U	14U	16U	18U	20U
Capacity range			HP	8	10	12	14	16	18	20
Cooling capacity	Prated,c		kW	22.4	28.0	33.5	40.0	45.0	50.4	52.0
Heating capacity	Prated,h		kW	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
Recommended combination				4 x FXFQ50AVEB	4 x FXFQ63AVEB	6 x FXFQ50AVEB	1 x FXFQ50AVEB + 5 x FXFQ63AVEB	4 x FXFQ63AVEB + 2 x FXFQ80AVEB	3 x FXFQ50AVEB + 5 x FXFQ63AVEB	2 x FXFQ50AVEB + 6 x FXFQ63AVEB
ηs,c			%	302.4	267.6	247.8	250.7	236.5	238.3	233.7
ηs,h			%	167.9	168.2	161.4	155.4	157.8	163.1	156.6
SEER				7.6	6.8	6.3		6.0		5.9
SCOP				4.3		4.1	4.0		4.2	4.0
Maximum number of connectable indoor units				64 (1)						
Indoor index connection	Min.			100.0	125.0	150.0	175.0	200.0	225.0	250.0
	Max.			260.0	325.0	390.0	455.0	520.0	585.0	650.0
Dimensions	Unit	HeightxWidthxDepth	mm	1,685x930x765			1,685x1,240x765			
Weight	Unit		kg	252			319		378	
Sound power level	Cooling	Nom.	dBA	78.0	79.1	83.4	80.9	85.6	83.8	87.9
Sound pressure level	Cooling	Nom.	dBA	57.0		61.0	60.0	63.0	62.0	65.0
Operation range	Cooling	Min.~Max.	°CDB	-5.0~43.0						
	Heating	Min.~Max.	°CWB	-20.0~15.5						
Refrigerant	Type/GWP			R-410A/2,087.5						
	Charge		kg/TCO2Eq	5.9/12.3	6.0/12.5	6.3/13.2	10.3/21.5	10.4/21.7	11.7/24.4	11.8/24.6
Piping connections	Liquid	OD	mm	9,52		12.7			15.9	
	Gas	OD	mm	19.1	22.2	28.6				
	Total piping length	System Actual	m	1,000						
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)		A	20	25	32		40		50

Outdoor unit system		RYYQ/RXYQ	22U	24U	26U	28U	30U	32U	34U	36U	38U
System	Outdoor unit module 1		10	8	12			16			8
	Outdoor unit module 2		12	16	14	16	18	16	18	20	10
	Outdoor unit module 3		-								20
Capacity range		HP	22	24	26	28	30	32	34	36	38
Cooling capacity	Prated,c	kW	61.5	67.4	73.5	78.5	83.9	90.0	95.4	97.0	102.4
Heating capacity	Prated,h	kW	34.4	36.9	39.0	41.6	46.3	46.4	51.1	54.2	60.7
	Max. 6°CWB	kW	69.0	75.0	82.5	87.5	94.0	100.0	106.5	113.0	119.5
Recommended combination			6 x FXFQ50AVEB + 4 x FXFQ63AVEB	4 x FXFQ50AVEB + 4 x FXFQ63AVEB + 2 x FXFQ80AVEB	7 x FXFQ50AVEB + 5 x FXFQ63AVEB	6 x FXFQ50AVEB + 4 x FXFQ63AVEB + 2 x FXFQ80AVEB	9 x FXFQ50AVEB + 5 x FXFQ63AVEB	8 x FXFQ63AVEB + 4 x FXFQ80AVEB	3 x FXFQ50AVEB + 9 x FXFQ63AVEB + 2 x FXFQ80AVEB	2 x FXFQ50AVEB + 10 x FXFQ63AVEB + 2 x FXFQ80AVEB	6 x FXFQ50AVEB + 10 x FXFQ63AVEB
ηs,c		%	274.5	269.9	264.2	257.8	256.8	251.7	253.3	250.8	272.4
ηs,h		%	171.2	167.0	164.6	166.0	169.8	163.1	166.2	162.4	167.5
SEER			6.9	6.8	6.7	6.5		6.4		6.3	6.9
SCOP			4.4	4.3	4.2		4.3	4.2		4.1	4.3
Maximum number of connectable indoor units			64 (1)								
Indoor index connection	Min.		275.0	300.0	325.0	350.0	375.0	400.0	425.0	450.0	475.0
	Max.		715.0	780.0	845.0	910.0	975.0	1,040.0	1,105.0	1,170.0	1,235.0
Piping connections	Liquid	OD	mm	15.9		19.1					
	Gas	OD	mm	28.6	34.9					41.3	
	Total piping length	System Actual	m	1,000							
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415							
Current - 50Hz	Maximum fuse amps (MFA)		A	63			80			100	



RYYQ8-12U/RXYQ8-12U

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-AW/BS/BB/BT	•	•	•	•	•
Floor standing unit	FVXM-F		•	•		•

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

Outdoor unit system			**RYYQ/RXYQ**	**40U**	**42U**	**44U**	**46U**	**48U**	**50U**	**52U**	**54U**
System	Outdoor unit module 1			10		12	14		16		18
	Outdoor unit module 2			12		16				18	
	Outdoor unit module 3			18		16			18		
Capacity range			HP	40	42	44	46	48	50	52	54
Cooling capacity	Prated,c		kW	111.9	118.0	123.5	130.0	135.0	140.4	145.8	151.2
Heating capacity	Prated,h		kW	62.3	62.4	64.8	67.0	69.6	74.3	79.0	83.7
	Max.	6°CWB	kW	125.5	131.5	137.5	145.0	150.0	156.5	163.0	169.5
Recommended combination				9 x FXFQ50AVEB + 9 x FXFQ63AVEB	12 x FXFQ63AVEB + 4 x FXFQ80AVEB	6 x FXFQ50AVEB + 8 x FXFQ63AVEB + 4 x FXFQ80AVEB	1 x FXFQ50AVEB + 13 x FXFQ63AVEB + 4 x FXFQ80AVEB	12 x FXFQ63AVEB + 6 x FXFQ80AVEB	3 x FXFQ50AVEB + 13 x FXFQ63AVEB + 4 x FXFQ80AVEB	6 x FXFQ50AVEB + 14 x FXFQ63AVEB + 2 x FXFQ80AVEB	9 x FXFQ50AVEB + 15 x FXFQ63AVEB
ηs,c			%	263.5	261.2	255.9	254.9	251.7	252.8	253.7	254.1
ηs,h			%	170.0	165.5	164.5	162.0	162.8	165.2	167.2	169.4
SEER				6.7	6.6	6.5			6.4		
SCOP				4.3	4.2		4.1		4.2	4.3	
Maximum number of connectable indoor units				64 (1)							
Indoor index connection	Min.			500.0	525.0	550.0	575.0	600.0	625.0	650.0	675.0
	Max.			1,300.0	1,365.0	1,430.0	1,495.0	1,560.0	1,625.0	1,690.0	1,755.0
Piping connections	Liquid	OD	mm	19.1							
	Gas	OD	mm	41.3							
	Total piping length	System Actual	m	1,000							
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415							
Current - 50Hz	Maximum fuse amps (MFA)		A	100				125	125		

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

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

VRV IV 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 cutains
- Wide range of indoor units: either connect VRV or stylish indoor units such as Daikin Emura,...
- Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature and full inverter compressors
- Possibility to limit peak power consumption between 30 and 80%, for example during periods with high power demand
- Night quiet mode reduces sound pressure with up to 8dBa
- Contains all standard VRV features

RXYSCQ-TV1

Only 823mm high!

ErP 2021 COMPLIANT

Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units

Connectable stylish indoor units

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

Access all technical information on RXYSCQ-TV1 at my.daikin.eu or click here

Outdoor unit			RXYSCQ	4TV1	5TV1	6TV1
Capacity range			HP	4	5	6
Cooling capacity	Prated,c		kW	12.1	14.0	15.5
Heating capacity	Prated,h		kW	8.4	9.7	10.7
	Max.	6°CWB	kW	14.2 (2)	16.0 (2)	18.0 (2)
Recommended combination				3 x FXSQ25A2VEB + 1 x FXSQ32A2VEB	4 x FXSQ32A2VEB	2 x FXSQ32A2VEB + 2 x FXSQ40A2VEB
ηs,c			%	322.8	303.4	281.3
ηs,h			%	182.3	185.1	186.0
SEER				8.1	7.7	7.1
SCOP				4.6	4.7	
Maximum number of connectable indoor units				64 (1)		
Indoor index connection	Min.			50.0	62.5	70.0
	Max.			130.0	162.5	182.0
Dimensions	Unit	HeightxWidthxDepth	mm	823x940x460		
Weight	Unit		kg	89		
Sound power level	Cooling	Nom.	dBA	68.0	69.0	70.0
Sound pressure level	Cooling	Nom.	dBA	51.0	52.0	53.0
Operation range	Cooling	Min.~Max.	°CDB	-5.0~46.0		
	Heating	Min.~Max.	°CWB	-20.0~15.5		
Refrigerant	Type/GWP			R-410A/2,087.5		
	Charge		kg/TCO2Eq	3.7/7.7		
Piping connections	Liquid	OD	mm	9.52		
	Gas	OD	mm	15.9		19.1
	Total piping length	System Actual	m	300		
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240		
Current - 50Hz	Maximum fuse amps (MFA)		A	32		

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

Variable Refrigerant Temperature

VRV IV S-series

VRV IV S-series heat pump

Space saving solution without compromising on efficiency

- By choosing a LOOP by Daikin product you support the reuse of refrigerant, for more information visit www.daikin.eu/loop-by-daikin
- 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 cutains
- Wide range of indoor units: either connect VRV or stylish indoor units such as Daikin Emura,...
- Wide range of units (4 to 12HP) suitable for projects up to 200m² with space limitations
- Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature and full inverter compressors
- Possibility to limit peak power consumption between 30 and 80%, for example during periods with high power demand
- Contains all standard VRV features

RXYSQ4-6TV9_TY9

LOOP BY DAIKIN

Applies to units sold in Europe*

ErP 2021 COMPLIANT

Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units

Connectable stylish indoor units

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

Access all technical information on RXYSQ-TV9 at my.daikin.eu or click here

Outdoor unit				4TV9	5TV9	6TV9	4TY9	5TY9	6TY9	8TY1	10TY1	12TY1
Capacity range			HP	4	5	6	4	5	6	8	10	12
Cooling capacity	Prated,c		kW	12.1	14.0	15.5	12.1	14.0	15.5	22.4	28.0	33.5
Heating capacity	Prated,h		kW	8.0	9.2	10.2	8.0	9.2	10.2	14.9	19.6	23.5
	Max.	6°CWB	kW	14.2	16.0	18.0	14.2	16.0	18.0	25.0	31.5	37.5
ηs,c			%	278.9	270.1	278.0	269.2	260.5	268.3	247.3	247.4	256.5
ηs,h			%	171.6	182.9	192.8	154.4	164.5	174.1	165.8	162.4	169.6
SEER				7.0	6.8	7.0	6.8	6.6	6.8	6.3		6.5
SCOP				4.4	4.6	4.9	3.9	4.2	4.4	4.2	4.1	4.3
Maximum number of connectable indoor units				64 (1)								
Indoor index connection	Min.			50.0	62.5	70.0	50.0	62.5	70.0	100.0	125.0	150.0
	Nom.			-								
	Max.			130.0	162.5	182.0	130.0	162.5	182.0	260.0	325.0	390.0
Dimensions	Unit	HeightxWidthxDepth	mm	1,345x900x320						1,430x940x320	1,615x940x460	
Weight	Unit		kg	104						144	175	180
Sound power level	Cooling	Nom.	dBA	68.0	69.0	70.0	68.0	69.0	70.0	73.0	74.0	76.0
Sound pressure level	Cooling	Nom.	dBA	50.0	51.0		50.0	51.0		55.0		57.0
Operation range	Cooling	Min.~Max.	°CDB	-5.0~46.0						-5.0~52.0		
	Heating	Min.~Max.	°CWB	-20.0~15.5								
Refrigerant	Type/GWP			R-410A/2,087.5								
	Charge		kg/TCO2Eq	3.6/7.5						5.5/11.5	7.0/14.6	8.0/16.7
Piping connections	Liquid	OD	mm	9,52								12.7
	Gas	OD	mm	15.9		19.1	15.9		19.1		22.2	25.4
	Total piping length	System Actual	m	300								
Power supply	Phase/Frequency/Voltage		Hz/V	1N~/50/220-240			3N~/50/380-415					
Current - 50Hz	Maximum fuse amps (MFA)		A	32			16			25		32

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

VRV IV heat pump for indoor installation

SB.RKXYQ-T(8)

Keep looking you'll never find me

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

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

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

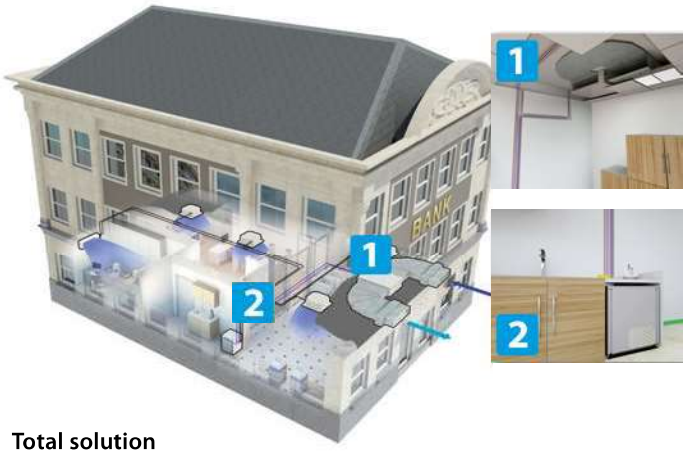
Intelligent
› Patented V-shape heat exchanger for the most compact unit (400 mm high) ever
› Connectable to all VRV indoor units
› Provides a total solution when combined with ventilation units, Biddle air curtains and controls

Unique concept with 5 patents

Variable Refrigerant Temperature

Invisible

Unique outdoor unit in 2 parts

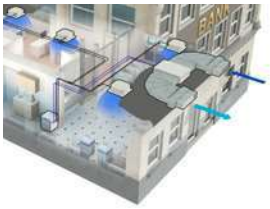


Total solution

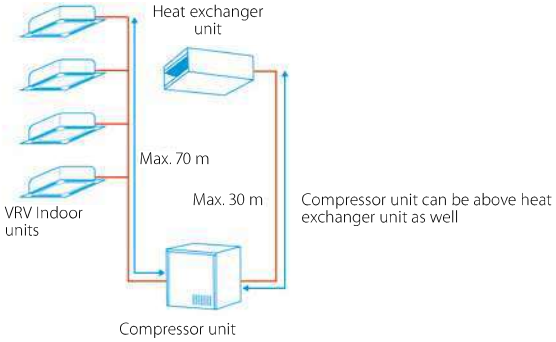
VRV IV heat pump for indoor installation

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 cutains

› 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

ErP 2021 COMPLIANT

Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units

Access all technical information on SB-RKXYQ-T at my.daikin.eu or click here

Access all technical information on SB-RKXYQ-T(8) at my.daikin.eu or click here

System					SB.RKXYQ	5T8	8T
System	Heat exchanger unit					RDXYQ5T8	RDXYQ8T
	Compressor unit					RKXYQ5T8	RKXYQ8T
Capacity range				HP		5	8
Cooling capacity	Prated,c			kW		14.0	22.4
Heating capacity	Prated,h			kW		10.4	12.9
	Max.	6°CWB		kW		16.0	25.0
Recommended combination						4 x FXSQ32A2VEB	4 x FXMQ50P7VEB
ηs,c				%		200.1	191.1
ηs,h				%		149.3	140.9
SEER						5.1	4.9
SCOP						3.8	3.6
Maximum number of connectable indoor units						10	17
Indoor index connection	Min.					62.5	100.0
	Nom.					-	
	Max.					162.5	260.0
Piping connections	Liquid	OD		mm		-	
	Gas	OD		mm		-	
	Between Compressor module (CM) and heat exchanger module (HM)	Liquid	OD	mm		12.7	
		Gas	OD	mm		19.1	22.2
	Between Compressor module (CM) and indoor units (IU)	Liquid	OD	mm		9.52	
		Gas	OD	mm		15.9	19.1
	Total piping length	System	Actual	m		140	300

					Heat exchanger module - RDXYQ		Compressor module - RKXYQ	
Outdoor unit module					**5T8**	**8T**	**5T8**	**8T**
Dimensions	Unit	HeightxWidthxDepth		mm	397x1,456x1,044		701x600x554	701x760x554
Weight	Unit			kg	95	103	79	105
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/TCO2Eq	-/-		2.00/4.20	4.00/8.35
Power supply	Phase/Frequency/Voltage			Hz/V	1N~/50/220-240		3N~/50/380-415	
Current - 50Hz	Maximum fuse amps (MFA)			A	10		16	20

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

VRV IV+ heat pump, optimised for cold climates

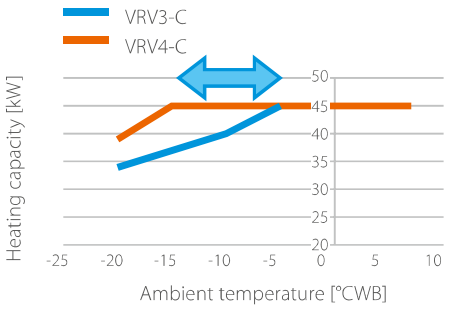
RXYLQ-T

Variable Refrigerant Temperature

Where heating is priority without compromising on efficiency

High heating capacity at low ambient temperatures

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

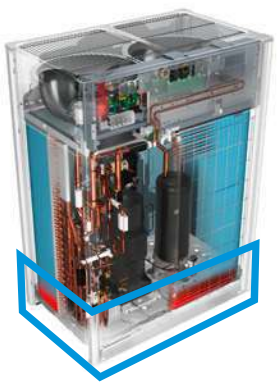


High partial load efficiency

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

High reliability down to -25°C WB

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



ErP 2021 COMPLIANT

Already fully compliant
to LOT 21 - Tier 2

High seasonal efficiency

› **Measured with indoor units for real applications!**
› ALL information for indoor units used available on our eco-design website:
Already fully compliant https://energylabel.daikin.eu/eu/en_US/lot21.html

Variable Refrigerant Temperature

The known VRV IV standards

- ☑ Variable Refrigerant Temperature
- ☑ VRV configurator

Total solution

Daikin Emura
Wall mounted unit

Fully flat cassette

Biddle air curtain

touch intelligent Manager

Air handling unit for ventilation

Low temperature hydrobox

VRV IV heat pump, optimised for heating

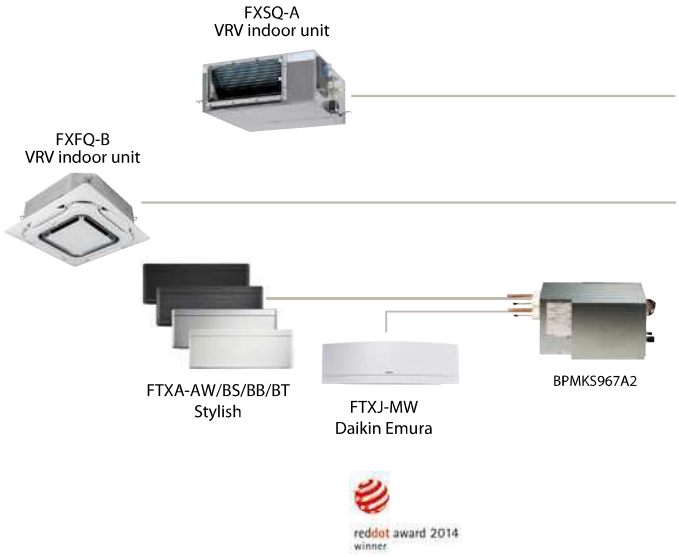
Where heating is priority without compromising on efficiency

- By choosing a LOOP by Daikin product you support the reuse of refrigerant, for more information visit www.daikin.eu/loop-by-daikin
- 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 cutains
- Wide range of indoor units: possibility to combine VRV with stylish indoor units (Daikin Emura,...)
- 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

Access all technical information on RXYLQ-T at my.daikin.eu or click here

Outdoor unit				RXYLQ	10T	12T	14T
Capacity range				HP	10	12	14
Cooling capacity	Prated,c			kW	28.0	33.5	40.0
Heating capacity	Prated,h			kW	31.5	37.5	45.0
	Max.	6°CWB		kW	31.5	37.5	45.0
Recommended combination					4 x FXMQ63P7VEB	6 x FXMQ50P7VEB	1 x FXMQ50P7VEB + 5 x FXMQ63P7VEB
ηs,c				%	251.4	274.4	270.1
ηs,h				%	144.3	137.6	137.1
SEER					6.36	6.93	6.83
SCOP					3.68	3.51	3.50
Maximum number of connectable indoor units					64 (1)		
Indoor index connection	Min.				175	210	245
	Nom.				250	300	350
	Max.				325	390	455
Dimensions	Unit	HeightxWidthxDepth		mm	1,685x1,240x765		
Weight	Unit			kg	302		
Sound power level	Cooling	Nom.		dBA	77.0 (4)	81.0 (4)	
Sound pressure level	Cooling	Nom.		dBA	56.0 (5)	59.0 (5)	
Operation range	Cooling	Min.~Max.		°CDB	-5~43		
	Heating	Min.~Max.		°CWB	-25~16		
Refrigerant	Type/GWP				R-410A/2,087.5		
	Charge			kg/TCO2Eq	11.8/24.6		
Piping connections	Liquid	OD		mm	9,5	12,7	
	Gas	OD		mm	22.2	28.6	
	Total piping length	System	Actual	m	500 (6)		
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		RXYLQ12T		RXYLQ14T
	Outdoor unit module 2				RXMLQ8T		RXYLQ10T	RXYLQ12T		RXYLQ14T	
Capacity range				HP	16	18	20	22	24	26	28
Cooling capacity	Prated,c			kW	44.8	50.4	56.0	61.5	67.0	73.5	80.0
Heating capacity	Prated,h			kW	50.0	56.5	63.0	69.0	75.0	82.5	90.0
	Max.	6°CWB		kW	50.0	56.5	63.0	69.0	75.0	82.5	90.0
Recommended combination					4 x FXMQ63P7VEB + 2 x FXMQ80P7VEB	3 x FXMQ50P7VEB + 5 x FXMQ63P7VEB	2 x FXMQ50P7VEB + 6 x FXMQ63P7VEB	6 x FXMQ50P7VEB + 4 x FXMQ63P7VEB	4 x FXMQ50P7VEB + 4 x FXMQ63P7VEB + 2 x FXMQ80P7VEB	7 x FXMQ50P7VEB + 5 x FXMQ63P7VEB	6 x FXMQ50P7VEB + 4 x FXMQ63P7VEB + 2 x FXMQ80P7VEB
ηs,c				%	261.8	255.7	251.4	263.0	274.4	270.8	270.1
ηs,h				%	138.0	140.5	144.3	140.3	137.6	137.1	
SEER					6.62	6.47	6.36	6.65	6.93	6.84	6.83
SCOP					3.52	3.59	3.68	3.58	3.51	3.50	
Maximum number of connectable indoor units					64 (1)						
Indoor index connection	Min.				280	315	350	385	420	455	490
	Nom.				400	450	500	550	600	650	700
	Max.				520	585	650	715	780	845	910
Piping connections	Liquid	OD		mm	12,7	15,9				19,1	
	Gas	OD		mm	28.6				34.9		
	Total piping length	System	Actual	m	500 (6)						
Current - 50Hz	Maximum fuse amps (MFA)			A	40	45	50	60			



reddot award 2014 winner

RXYLQ16-28T

ErP 2021 COMPLIANT
Already fully compliant to LOT 21 - Tier 2

LOOP BY DAIKIN

Published data with real-life indoor units

Applies to units sold in Europe*

Connectable stylish indoor units

		20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS	60 CLASS
Daikin Emura - Wall mounted unit	FTXJ-MW/MS	•	•	•		•	
Stylish - Wall mounted unit	FTXA-AW/BS/BB/BT	•	•	•	•	•	
Floor standing unit	FVXM-F		•	•		•	

BPMKS box needed to connect RA indoors to VRV IV

Outdoor unit			**RXYLQ-T**	**30T**	**32T**	**34T**	**36T**	**38T**	**40T**	**42T**
System	Outdoor unit module 1			RXYLQ10T				RXYLQ12T		RXYLQ14T
	Outdoor unit module 2			RXYLQ10T		RXYLQ12T			RXYLQ14T	
	Outdoor unit module 3			RXYLQ10T	RXYLQ12T			RXYLQ14T		
Capacity range			HP	30	32	34	36	38	40	42
Cooling capacity	Prated,c		kW	84.0	89.5	95.0	100.5	107.0	113.5	120.0
Heating capacity	Prated,h		kW	94.5	101	107	113	120	128	135
	Max.	6°CWB	kW	94.5	100.5	106.5	112.5	120.0	127.5	135.0
Recommended combination				9 x FXMQ50P7VEB + 5 x FXMQ63P7VEB	8 x FXMQ63P7VEB + 4 x FXMQ80P7VEB	3 x FXMQ50P7VEB + 9 x FXMQ63P7VEB + 2 x FXMQ80P7VEB	2 x FXMQ50P7VEB + 10 x FXMQ63P7VEB + 2 x FXMQ80P7VEB	6 x FXMQ50P7VEB + 10 x FXMQ63P7VEB	9 x FXMQ50P7VEB + 9 x FXMQ63P7VEB	12 x FXMQ63P7VEB + 4 x FXMQ80P7VEB
ηs,c			%	251.4	259.1	266.8	274.4	271.6	270.3	270.1
ηs,h			%	144.3	141.6	139.2	137.6	137.1		
SEER				6.36	6.55	6.74	6.93	6.86	6.83	
SCOP				3.68	3.61	3.56	3.51	3.50		
Maximum number of connectable indoor units				64 (1)						
Indoor index connection	Min.			525	560	595	630	665	700	735
	Nom.			750	800	850	900	950	1,000	1,050
	Max.			975	1,040	1,105	1,170	1,235	1,300	1,365
Piping connections	Liquid	OD	mm	19,1						
	Gas	OD	mm	34.9			41.3			
	Total piping length	System Actual	m	500						
Current - 50Hz	Maximum fuse amps (MFA)		A	80				90		

Outdoor unit module			**RXMLQ-T**	**8T**
Dimensions	Unit	HeightxWidthxDepth	mm	1,685x1,240x765
Weight	Unit		kg	302
Fan	External static pressure	Max.	Pa	78
Sound power level	Cooling	Nom.	dBA	75.0
Sound pressure level	Cooling	Nom.	dBA	55.0
Operation range	Cooling	Min.~Max.	°CDB	-5~43
	Heating	Min.~Max.	°CWB	-25~16
Refrigerant	Type/GWP			R-410A/2,087.5
	Charge		kg/TCO2Eq	11.8/24.6
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415
Current - 50Hz	Maximum fuse amps (MFA)		A	20 (7)

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

Replacement technology

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

These benefits will convince your customer:

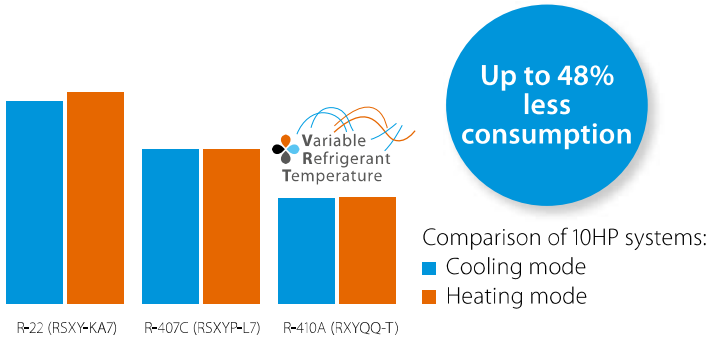
Drastically improve your efficiency, comfort and reliability

Avoid loss of business
Replacing now prevents unplanned, lengthy downtime of air conditioning systems. It also avoids loss of business for shops, complaints from guests in hotels, lower working efficiency and loss of tenants in offices.

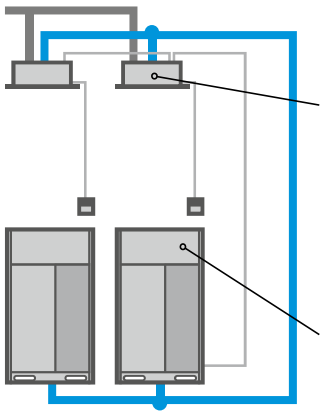
Quick and easy installation
No interruption of daily business while replacing the system thanks to phased-in, fast installation.

Smaller footprint, more performance
Thanks to a smaller footprint, Daikin outdoor units save space. Also, more indoor units can be connected to the new outdoor unit compared to the old system, allowing to increase capacity.

Lower long-term costs
EU Directives prohibit system repairs with R-22 after January 1, 2015. Delaying the required R-22 replacement until an unplanned system breakdown is a losing game. Replacement day will come. Installing a technically advanced system lowers energy consumption and maintenance costs from day one.



Keep your refrigerant piping



The Daikin low-cost upgrade solution

! Replace indoor units and BS boxes

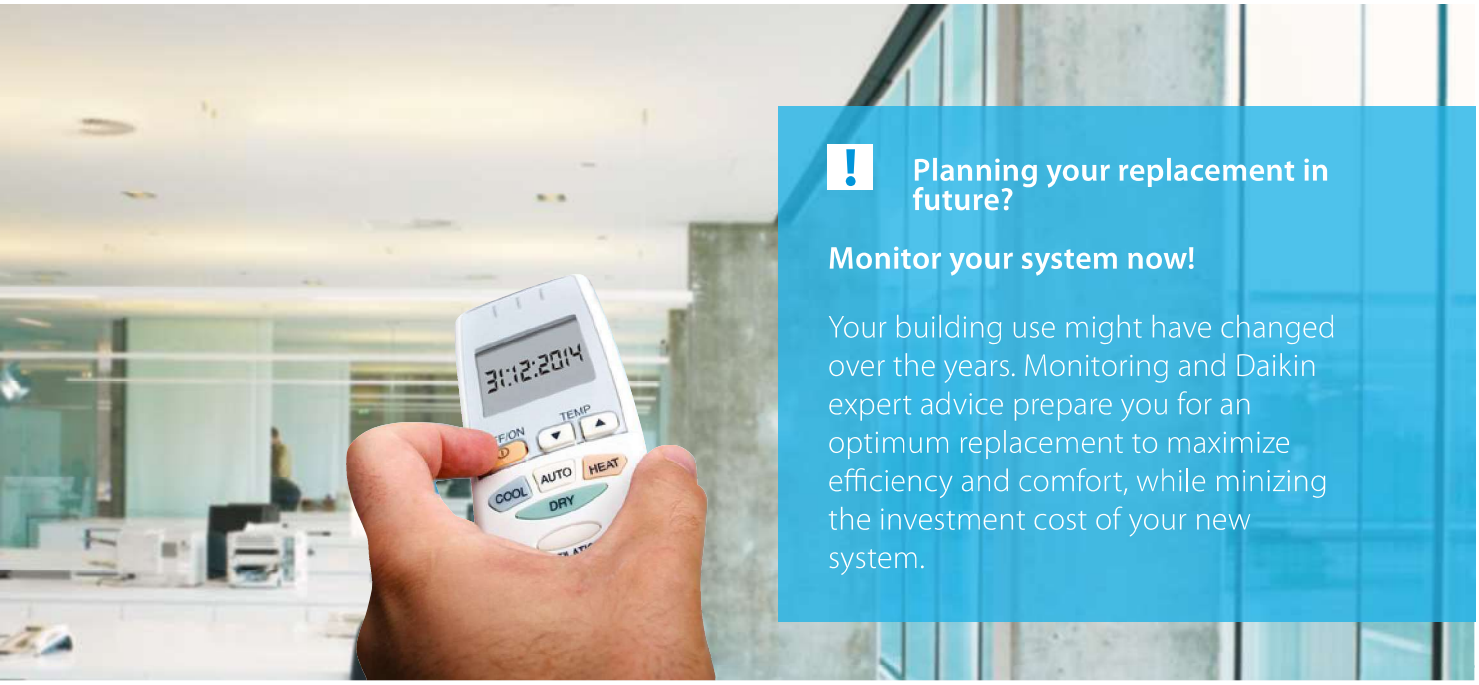
Contact your local dealer to check compatibility in case you need to keep the indoor units.

! Replace outdoor units

Your copper pipes will last for multiple generations

- copper pipes used in air conditioning systems tested by Daikin will last over 60 years after installation.
- Japan/China have replaced with VRV Q-series already 10 years ago!

Umeda Center Building, Japan
- original A/C system: 20 years in use
- replacement with VRV Q-series: 2006 - 2009
- capacity up from 1620HP to 2322HP
- SHASE renewal award:



Planning your replacement in future?

Monitor your system now!

Your building use might have changed over the years. Monitoring and Daikin expert advice prepare you for an optimum replacement to maximize efficiency and comfort, while minizing the investment cost of your new system.

VRV-Q benefits to increase your profit:

Optimise your business

Less installation time
Tackle more projects in less time thanks to faster installation. It is more profitable than replacing the full system with new piping.

Lower installation costs
Reducing installation costs enables you to offer customers the most cost-effective solution and improve your competitive edge.

Replace non-Daikin systems
NON DAIKIN DAIKIN

It is a trouble-free replacement solution for Daikin systems and for systems made by other manufacturers.

Easy as one-two-three
A simple solution for replacement technology enables you to handle more projects for more customers in less time and offer them the best price! Everybody wins.

Compare installation steps

Conventional solution	VRV-Q
1 Recover refrigerant	1 Recover refrigerant
2 Remove units	2 Remove units
3 Remove refrigerant pipes	Re-use existing piping and wiring
4 Install new piping and wiring	3 Install new units
5 Install new units	4 Leak test
6 Leak test	5 Vacuum drying
7 Vacuum drying	6 Auromatic refrigerant charging, cleaning and testing
8 Refrigerant charging	
9 Collect contamination	
10 Test operation	

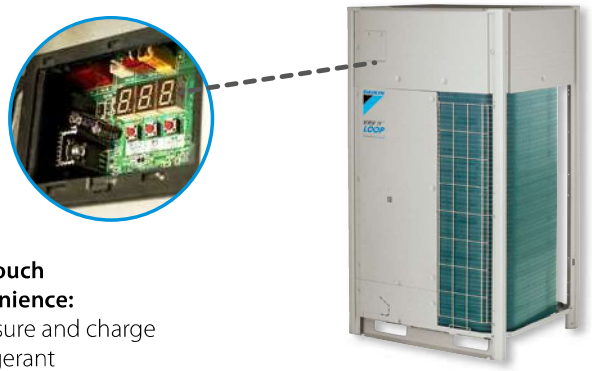
Up to 45% shorter installation time

Automatic refrigerant charge

The unique automatic refrigerant charge eliminates the need to calculate refrigerant volume and ensures that the system will operate perfectly. Not knowing the exact piping lengths because of changes or mistakes in case you didn't do the original installation or replacing a competitor installation no longer poses a problem.

Automatic pipe cleaning

There is no need to clean inside piping as this is handled automatically by the VRV-Q unit. Finally the test operation is performed automatically to save time.



One touch convenience:
- Measure and charge refrigerant
- Automatic pipe cleaning
- Test operation

Replacement VRV, heat recovery

Quick & quality replacement for R-22 and R-407C systems

- Cost effective and fast replacement as only the outdoor and indoor unit needs to be replaced, meaning almost no work has to be carried out inside the building
- Efficiency gains of more than 40% can be realized, thanks to technological developments in heat pump technology and the more efficient R-410A refrigerant
- Less intrusive and time consuming installation compared to installing a new system, as the refrigerant piping can be maintained
- Unique automatic refrigerant charge eliminates the need to calculate refrigerant volume and allows safe replacement of competitor replacement
- Automatic cleaning of refrigerant piping ensures a clean piping network, even when a compressor breakdown has occurred
- Possibility to add indoor units and increase capacity without changing the refrigerant piping
- Possibility to spread the various stages of repclacement thanks to the modular design of the VRV system
- Accurate temperature control, fresh air provision, air handling units and Biddle air curtains all integrated in a single system requiring only one single point of contact (RXYQQ-U only)
- Incorporates VRV IV standards & technologies: Variable Refrigerant
- Temperature and full inverter compressors (RXYQQ-U only)
- Free combination of outdoor units to meet installation space or
- efficiency requirements (RXYQQ-U only)

RQCEQ712-848P3

ErP 2021 COMPLIANT

Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units

Access all technical information on RQCEQ-P3 at my.daikin.eu or click here

Outdoor unit System		RQCEQ	280P3	460P3	500P3	540P3	712P3	744P3	816P3
System	Outdoor unit module 1		RQEQ140P3	RQEQ140P3		RQEQ180P3	RQEQ140P3		RQEQ180P3
	Outdoor unit module 2		RQEQ140P3	RQEQ140P3	RQEQ180P3		RQEQ180P3		RQEQ212P3
	Outdoor unit module 3		-	RQEQ180P3			RQEQ180P3	RQEQ212P3	
	Outdoor unit module 4		-				RQEQ212P3		
Capacity range		HP	10	16	18	20	24	26	28
Cooling capacity	Prated,c	kW	28.0	46.0	50.0	54.0	70.0	72.0	78.0
Heating capacity	Prated,h	kW	32.0	52.0	56.0	60.0	78.4	80.8	87.2
Recommended combination			4 x FXMQ63P7VEB	4 x FXMQ63P7VEB + 2 x FXMQ80P7VEB	4 x FXSQ32A2VEB + 8 x FXSQ40A2VEB	12 x FXSQ40A2VEB	4 x FXSQ32A2VEB + 9 x FXSQ40A2VEB + 3 x FXSQ50A2VEB	4 x FXSQ32A2VEB + 6 x FXSQ40A2VEB + 6 x FXSQ50A2VEB	7 x FXSQ40A2VEB + 9 x FXSQ50A2VEB
ηs,c		%	200	191	201	198	194		204
ηs,h		%	159	161	150	148	153	155	
SEER			-						
SCOP			-						
Maximum number of connectable indoor units			21	34	39	43	52	56	60
Indoor index connection	Min.		140	230	250	270	356	372	408
	Nom.		280	500		540	712	744	816
	Max.		364	598	650	702	926	967.0	1,061
Piping connections	Liquid OD	mm	9.52	12.7	15.9			19.1	
	Gas OD	mm	22.2	28.6				34.9	
	Total piping length System Actual	m	300						
Power supply	Phase/Frequency/Voltage	Hz/V	3~/50/400						
Current - 50Hz	Maximum fuse amps (MFA)	A	30	50	60		80		90

Outdoor unit module			RQEQ-P3	140P3	180P3	212P3
Dimensions	Unit HeightxWidthxDepth	mm	1,680x635x765			
Weight	Unit	kg	175			179
Fan	Air flow rate Cooling Nom.	m^3/min	95		110	
	Type		Propeller fan			
Sound power level	Cooling Nom.	dBA	79		83	87
Sound pressure level	Cooling Nom.	dBA	-			
Operation range	Cooling Min.~Max.	°CDB	-5~43			
	Heating Min.~Max.	°CWB	-20~15.5			
Refrigerant	Type/GWP		R-410A/2,087.5			
	Charge	kg/TCO2Eq	10.3/21.5		10.6/22.1	11.2/23.4
Power supply	Phase/Frequency/Voltage	Hz/V	3~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)	A	15		20	22.5

Contains fluorinated greenhouse gases

Replacement VRV, heat pump

RXYQQ8-12U

LOOP BY DAIKIN

Applies to units sold in Europe*

Access all technical information on RQYQ-P at my.daikin.eu or click here

Access all technical information on RXYQQ-U at my.daikin.eu or click here

Outdoor unit			RXYQQ/RQYQ-P	140P	8U	10U	12U	14U	16U	18U	20U
Capacity range			HP	5	8	10	12	14	16	18	20
Cooling capacity	Prated,c		kW	14.0	22.4	28.0	33.5	40.0	45.0	50.4	52.0
Heating capacity	Prated,h		kW	16.0	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
Recommended combination				4 x FXSQ32A2VEB	4 x FXFQ50AVEB	4 x FXFQ63AVEB	6 x FXFQ50AVEB	1 x FXFQ50AVEB + 5 x FXFQ63AVEB	4 x FXFQ63AVEB + 2 x FXFQ80AVEB	3 x FXFQ50AVEB + 5 x FXFQ63AVEB	2 x FXFQ50AVEB + 6 x FXFQ63AVEB
ηs,c			%	194	302.4	267.6	247.8	250.7	236.5	238.3	233.7
ηs,h			%	137	167.9	168.2	161.4	155.4	157.8	163.1	156.6
SEER				-	7.6	6.8	6.3		6.0		5.9
SCOP				-	4.3		4.1	4.0		4.2	4.0
Maximum number of connectable indoor units				10	64 (1)						
Indoor index connection	Min.			62.5	100.0	125.0	150.0	175.0	200.0	225.0	250.0
	Nom.			125	-						
	Max.			162.5	260.0	325.0	390.0	455.0	520.0	585.0	650.0
Dimensions	Unit	HeightxWidthxDepth	mm	1,680x635x765	1,685x930x765			1,685x1,240x765			
Weight	Unit		kg	175	198			275		308	
Fan	Air flow rate	Cooling Nom.	m^3/min	95	-						
Sound power level	Cooling	Nom.	dBA	79	78.0	79.1	83.4	80.9	85.6	83.8	87.9
Sound pressure level	Cooling	Nom.	dBA	-	57.0		61.0	60.0	63.0	62.0	65.0
Operation range	Cooling	Min.~Max.	°CDB	-5~43	-5.0~43.0						
	Heating	Min.~Max.	°CWB	-20~15.5	-20.0~15.5						
Refrigerant	Type/GWP			R-410A/2,087.5							
	Charge		kg/TCO2Eq	11.1/23.2	5.9/12.3	6.0/12.5	6.3/13.2	10.3/21.5	11.3/23.6	11.7/24.4	11.8/24.6
Piping connections	Liquid	OD	mm	9.52	9.52		12.7			15.9	
	Gas	OD	mm	15.9	19.1	22.2	28.6				
	Total piping length	System Actual	m	300							
Power supply	Phase/Frequency/Voltage		Hz/V	3~/50/380-415	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)		A	15	20	25	32		40		50

Outdoor unit System + Module		RXYQQ	22U	24U	26U	28U	30U	32U	34U	36U	38U	40U	42U
System	Outdoor unit module 1		RXYQQ10U	RXYQQ8U	RXYQQ12U			RXYQQ16U			RXYQQ8U	RXYQQ10U	
	Outdoor unit module 2		RXYQQ12U	RXYQQ16U	RXYQQ14U	RXYQQ16U	RXYQQ18U	RXYQQ16U	RXYQQ18U	RXYQQ20U	RXYQQ10U	RXYQQ12U	RXYQQ16U
	Outdoor unit module 3		-								RXYQQ20U	RXYQQ18U	RXYQQ16U
Capacity range		HP	22	24	26	28	30	32	34	36	38	40	42
Cooling capacity	Prated,c	kW	61.5	67.4	73.5	78.5	83.9	90.0	95.4	97.0	102.4	111.9	118.0
Heating capacity	Prated,h	kW	34.4	36.9	39.0	41.6	46.3	46.4	51.1	54.2	60.7	62.3	62.4
	Max.	6°CWB kW	69.0	75.0	82.5	87.5	94.0	100.0	106.5	113.0	119.5	125.5	131.5
Recommended combination			6 x FXFQ50AVEB + 4 x FXFQ63AVEB	4 x FXFQ50AVEB + 4 x FXFQ63AVEB + 2 x FXFQ80AVEB	7 x FXFQ50AVEB + 5 x FXFQ63AVEB	6 x FXFQ50AVEB + 4 x FXFQ63AVEB + 2 x FXFQ80AVEB	9 x FXFQ50AVEB + 5 x FXFQ63AVEB	8 x FXFQ63AVEB + 4 x FXFQ80AVEB	3 x FXFQ50AVEB + 9 x FXFQ63AVEB + 2 x FXFQ80AVEB	2 x FXFQ50AVEB + 10 x FXFQ63AVEB + 2 x FXFQ80AVEB	6 x FXFQ50AVEB + 10 x FXFQ63AVEB	9 x FXFQ50AVEB + 9 x FXFQ63AVEB	12 x FXFQ63AVEB + 4 x FXFQ80AVEB
ηs,c		%	274.5	269.9	264.2	257.8	256.8	251.7	253.3	250.8	272.4	263.5	261.2
ηs,h		%	171.2	167.0	164.6	166.0	169.8	163.1	166.2	162.4	167.5	170.0	165.5
SEER			6.9	6.8	6.7	6.5		6.4		6.3	6.9	6.7	6.6
SCOP			4.4	4.3	4.2		4.3	4.2		4.1	4.3		4.2
Maximum number of connectable indoor units			64										
Indoor index connection	Min.		275.0	300.0	325.0	350.0	375.0	400.0	425.0	450.0	475.0	500.0	525.0
	Nom.		-										
	Max.		715.0	780.0	845.0	910.0	975.0	1,040.0	1,105.0	1,170.0	1,235.0	1,300.0	1,365.0
Piping connections	Liquid	OD mm	15.9		19.1								
	Gas	OD mm	28.6	34.9						41.3			
	Total piping length	System Actual m	300										
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415										
Current - 50Hz	Maximum fuse amps (MFA)	A	63				80			100			

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

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

Water-to-air heat pump

Welcome a new range of features

More flexibility

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

Most compact casing in the market!

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

More capacity

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

Unique zero heat dissipation principle

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

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

Daikin Emura
wall mounted unit

FTXA-AW/BS/BB/BT
Stylish

Fully flat cassette

intelligent Manager

Biddle air curtain

Air handling unit for ventilation

Low temperature hydrobox

High temperature hydrobox

With all existing standard functions

Variable Refrigerant Temperature

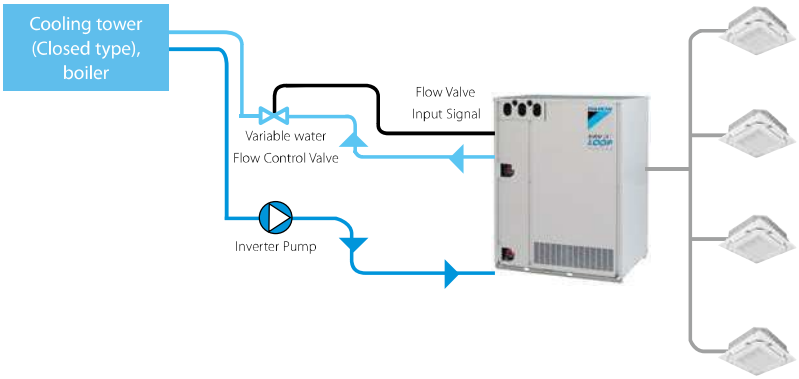
VRV IV W+ series

Indoor installation makes unit invisible from the outside

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

Variable water flow control

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



Lower refrigerant concentration levels

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

The refrigerant levels remain limited thanks to:

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

Maximum design flexibility and installation speed

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

Single port

BS1Q 10,16,25A

Multi port: 4 – 6 – 8 – 10 – 12 – 16

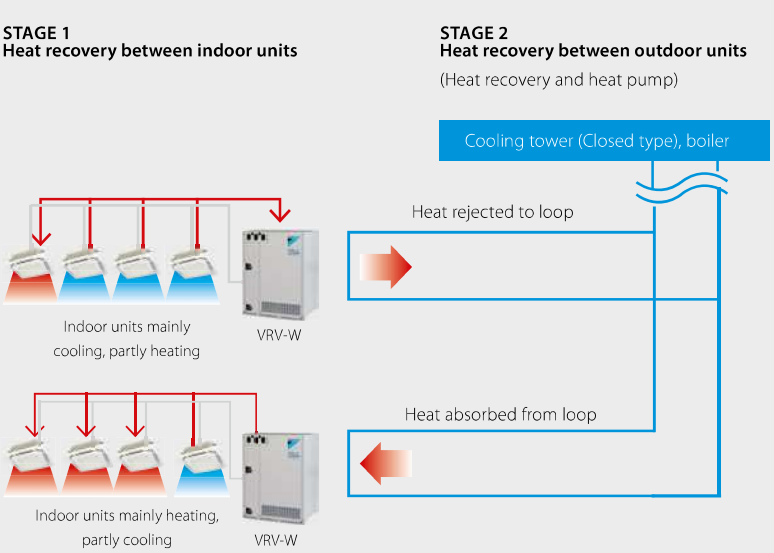
BS 4 Q14 A

BS 6, 8 Q14 A

BS 10, 12 Q14 A

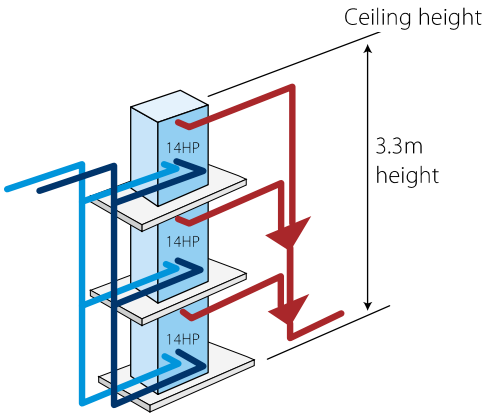
BS 16 Q14 A

2-stage heat recovery



Stacked configuration

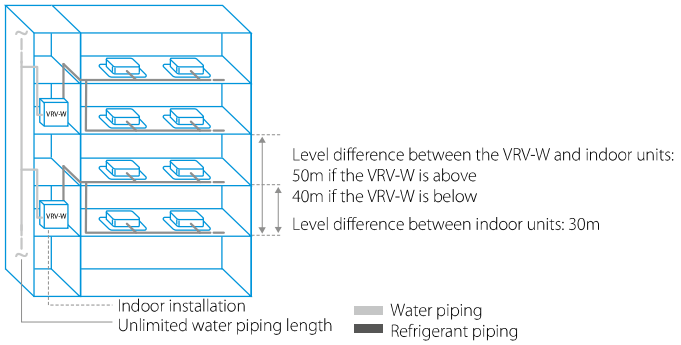
Water piping
Refrigerant piping



VRV IV water cooled+ series

Ideal for high rise buildings, using water as heat source

- Environmental conscious solution: reduced CO2 emmisions thanks to the use of geothermal energy as a renewable energy source and typical lower refrigerant levels making it ideal to comply with EN378
- Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units, Biddle air curtains and hot water
- Unique zero heat dissipation principle obviates the need for ventilation or cooling in the technical room, maximising installation flexiblity
- Wide range of indoor units: possibility to combine VRV with stylish indoor units (Daikin Emura,...)
- 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



ErP 2021 COMPLIANT
Already fully compliant to LOT 21 - Tier 2

LOOP BY DAIKIN

Published data with real-life indoor units

Applies to units sold in Europe*

Connectable stylish indoor units

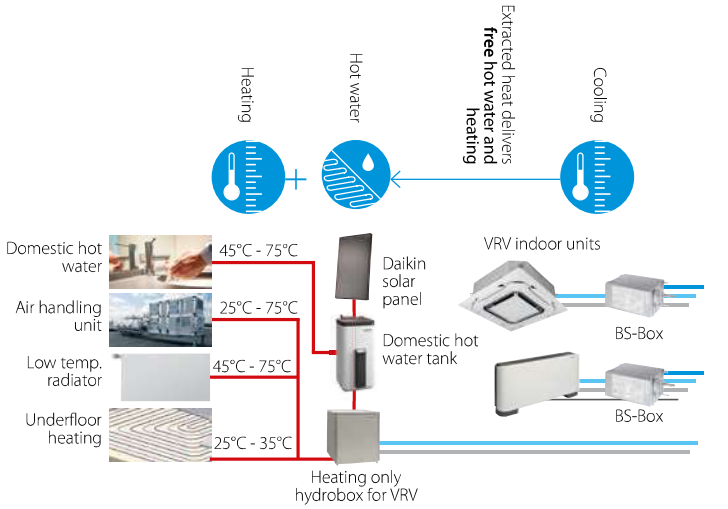
		20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS
Daikin Emura - Wall mounted unit	FTXJ-MW/MS	•	•	•		•
Stylish - Wall mounted unit	FXTA-AW/BS/BB/BT	•	•	•	•	•
Floor standing unit	FVXM-F		•	•		•

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

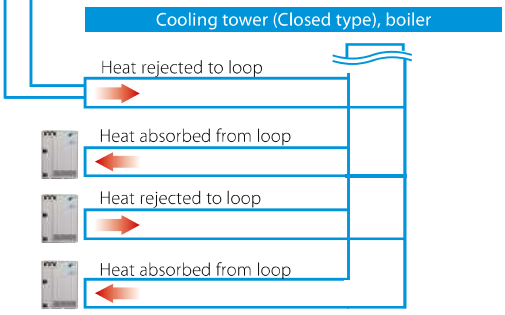
Access all technical information on RWEYQ-T9 at my.daikin.eu or click here

Outdoor unit				RWEYQ	8T9	10T9	12T9	14T9
Capacity range				HP	8	10	12	14
Cooling capacity	Prated,c			kW	22.4	28.0	33.5	40.0
Heating capacity	Prated,h			kW	25.0	31.5	37.5	45.0
	Max.	6°CWB		kW	25.0	31.5	37.5	45.0
Recommended combination					4 x FXMQ50P7VEB	4 x FXMQ63P7VEB	6 x FXMQ50P7VEB	1 x FXMQ50P7VEB + 5 x FXMQ63P7VEB
ηs,c				%	326.8	307.8	359.0	330.7
ηs,h				%	524.3	465.9	436.0	397.1
SEER					8.4	7.9	9.2	8.5
SCOP					13.3	11.8	11.1	10.1
Maximum number of connectable indoor units					64 (1)			
Indoor index connection	Min.				100.0	125.0	150.0	175.0
	Max.				300.0	375.0	450.0	525.0
Dimensions	Unit	HeightxWidthxDepth		mm	980x767x560			
Weight	Unit			kg	195		197	
Sound power level	Cooling	Nom.		dBA	65.0	71.0	72.0	74.0
Sound pressure level	Cooling	Nom.		dBA	48.0	50.0	56.0	58.0
Operation range	Inlet water temperature	Cooling	Min.~Max.	°CDB	10~45			
		Heating	Min.~Max.	°CWB	10~45			
	Temperature around casing	Max.		°CDB	40			
	Humidity around casing	Cooling~Heating	Max.	%	80~80			
Refrigerant	Type/GWP				R-410A/2,087.5			
	Charge			kg/TCO2Eq	7.9/16.5		9.6/20.0	
Piping connections	Liquid	OD		mm	9.52		12.7	
	Gas	OD		mm	19.1	22.2	28.6	
	HP/LP gas	OD		mm	15.9 / 19.1	19.1 / 22.2	19.1 / 28.6	22.2 / 28.6
	Drain	Size			14mm OD/ 10mm ID			
	Water	Inlet/ Outlet	Size		ISO 228-G1 1/4 B/ISO 228-G1 1/4 B			
	Total piping length	System	Actual	m	500			
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)			A	20		25	

Stage 1 heat recovery between indoor units



Stage 2 heat recovery between outdoor units



* Above system configuration are for illustration purpose only.

Outdoor unit System			RWEYQ	16T9	18T9	20T9	22T9	24T9	26T9	28T9
System	Outdoor unit module 1			RWEYQ8T		RWEYQ10T		RWEYQ12T		RWEYQ14T
	Outdoor unit module 2			RWEYQ8T	RWEYQ10T		RWEYQ12T		RWEYQ14T	
Capacity range			HP	16	18	20	22	24	26	28
Cooling capacity	Prated,c		kW	44.8	50.4	56.0	61.5	67.0	73.5	80.0
Heating capacity	Prated,h		kW	50.0	56.5	62.5	69.0	75.0	82.5	90.0
	Max.	6°CWB	kW	50.0	56.5	62.5	69.0	75.0	82.5	90.0
Recommended combination				4 x FXMQ63P7VEB + 2 x FXMQ80P7VEB	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
ηs,c			%	307.6	308.7	298.1	311.3	342.6	322.5	306.1
ηs,h			%	459.2	491.1	466.8	447.9	434.5	406.9	387.9
SEER				7.9		7.7	8.0	8.8	8.3	7.9
SCOP				11.7	12.5	11.9	11.4	11.1	10.4	9.9
Maximum number of connectable indoor units				64 (1)						
Indoor index connection	Min.			200.0	225.0	250.0	275.0	300.0	325.0	350.0
	Max.			600.0	675.0	750.0	825.0	900.0	975.0	1,050.0
Piping connections	Liquid	OD	mm	12.7	15.9				19.1	
	Gas	OD	mm	28.6				34.9		
	HP/LP gas	OD	mm	22.2 / 28.6		28.6 / 28.6		28.6 / 34.9		
	Total piping length	System Actual	m	500						
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)		A	32		35	40		50	

Outdoor unit System			RWEYQ	30T9	32T9	34T9	36T9	38T9	40T9	42T9
System	Outdoor unit module 1			RWEYQ10T			RWEYQ12T			RWEYQ14T
	Outdoor unit module 2			RWEYQ10T		RWEYQ12T			RWEYQ14T	
	Outdoor unit module 3			RWEYQ10T	RWEYQ12T			RWEYQ14T		
Capacity range			HP	30	32	34	36	38	40	42
Cooling capacity	Prated,c		kW	84.0	89.5	95.0	100.5	107.0	113.5	120.0
Heating capacity	Prated,h		kW	94.5	100.5	106.5	112.5	120.0	127.5	135.0
	Max.	6°CWB	kW	94.5	100.5	106.5	112.5	120.0	127.5	135.0
ηs,c			%	308.3	318.2	342.5	352.3	338.8	341.4	332.9
ηs,h			%	467.2	456.1	447.0	438.5	419.4	404.4	391.2
SEER				7.9	8.2	8.8	9.0	8.7		8.5
SCOP				11.9	11.6	11.4	11.2	10.7	10.3	10.0
Maximum number of connectable indoor units				64 (1)						
Indoor index connection	Min.			375.0	400.0	425.0	450.0	475.0	500.0	525.0
	Max.			1,125.0	1,200.0	1,275.0	1,350.0	1,425.0	1,500.0	1,575.0
Piping connections	Liquid	OD	mm	19.1						
	Gas	OD	mm	34.9			41.3			
	HP/LP gas	OD	mm	28.6 / 34.9		28.6 / 41.3		41.3 / 34.9		
	Total piping length	System Actual	m	500						
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)		A	50	63				80	

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

Individual and multi branch selector box installation

BS1Q-A

Individual branch selector for VRV IV heat recovery

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

BS1Q-A

Access all technical information on BS1Q-A at my.daikin.eu or click here

Indoor unit				BS	1Q10A	1Q16A	1Q25A
Power input	Cooling	Nom.		kW	0.005		
	Heating	Nom.		kW	0.005		
Maximum number of connectable indoor units					6	8	
Maximum capacity index of connectable indoor units					15 < x ≤ 100	100<x≤160	160<x≤250
Dimensions	Unit	HeightxWidthxDepth		mm	207x388x326		
Weight	Unit			kg	12		15
Casing	Material				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
Sound absorbing thermal insulation					Foamed polyurethane Flame-resistant needle felt		
Power supply	Phase				1~		
	Frequency			Hz	50		
	Voltage			V	220-240		
	Maximum fuse amps (MFA)			A	15		

Contains fluorinated greenhouse gases

BS-Q14AV1B

Multi branch selector for VRV IV heat recovery

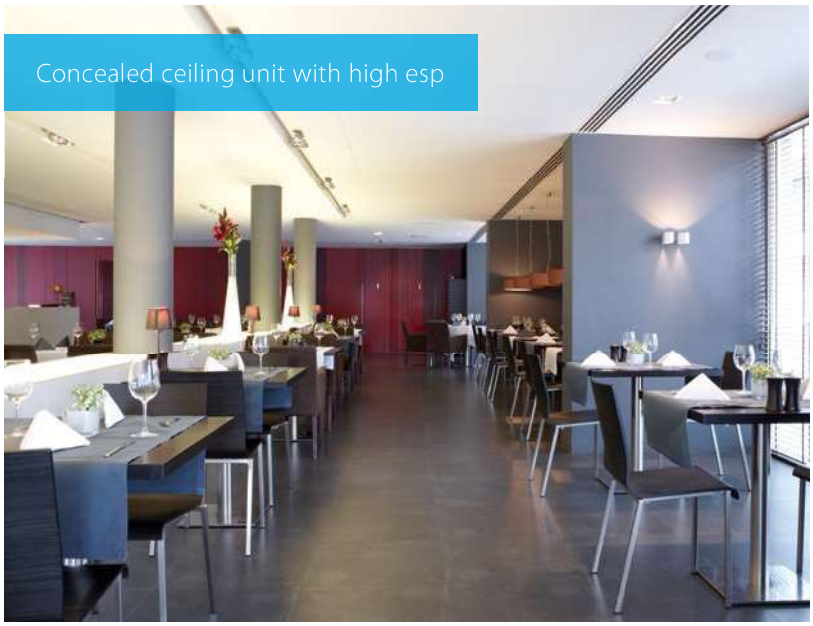
- Unique range of single and multi BS boxes for flexible and fast design
- Major reduction in installation time thanks to wide range, compact size and light weight multi BS boxes
- Up to 70% smaller and 66% lighter than previous series
- Faster installation thanks to a reduced number of brazing points and wiring
- All indoor units connectable to one BS box
- Less inspection ports needed compared to installing single BS boxes
- Up to 16kW capacity available per port
- Connect up to 250 class unit (28kW) by combining 2 ports
- No limit on unused ports allowing phased installation
- UNIQUE Faster installation thanks to open port connection
- UNIQUE Refrigerant filters for high reliability
- Allows multi tenant applications
- Connectable to REYQ-U, RQCEQ-P3 and RWEYQ-T9 heat recovery units

BS6,8Q14AV1B

Access all technical information on BS-Q14AV1B at my.daikin.eu or click here

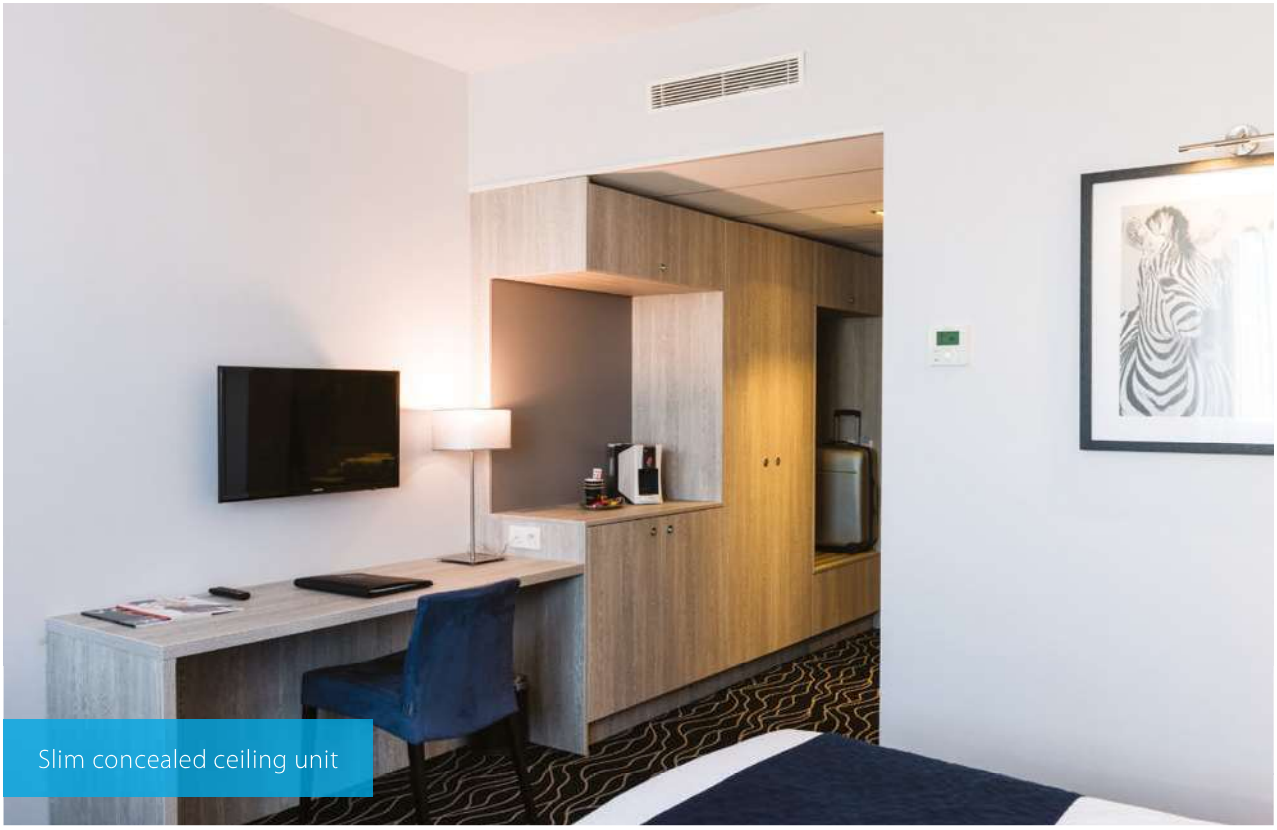
Indoor unit				BS	4Q14AV1B	6Q14AV1B	8Q14AV1B	10Q14AV1B	12Q14AV1B	16Q14AV1B
Power input	Cooling	Nom.		kW	0.043	0.064	0.086	0.107	0.129	0.172
	Heating	Nom.		kW	0.043	0.064	0.086	0.107	0.129	0.172
Maximum number of connectable indoor units					20	30	40	50	60	64
Maximum number of connectable indoor units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

Contains fluorinated greenhouse gases



Concealed ceiling unit with high esp

Round flow cassette



Slim concealed ceiling unit

Concealed floor standing unit

Hot water production

Fully flat cassette

Products overview VRV IV

Capacity class (kW)

Type	Model		Product name		15	20	25	32	40	50	63	71	80	100	125	140	200	250
Ceiling mounted cassette	UNIQUE Round flow cassette	360° air discharge for optimum efficiency and comfort › Auto cleaning function ensures high efficiency › Intelligent sensors save energy and maximize comfort › Flexibility to suit every room layout › Lowest installation height in the market! › Widest choice ever in decoration panel designs and colors	FXFQ-B			●	●	●	●	●	●		●	●	●			
	UNIQUE Fully flat cassette	Unique design that integrates fully flat into the ceiling › Perfect integration in standard architectural ceiling tiles › Blend of iconic design and engineering excellence › Intelligent sensors save energy and maximize comfort › Small capacity unit developed for small or well-insulated rooms › Flexibility to suit every room layout	FXZQ-A		●	●	●	●	●	●								
	2-way blow ceiling mounted cassette	Thin, lightweight design installs easily in narrow ceiling spaces › Depth of all units is 620mm, ideal for narrow ceiling spaces › Flexibility to suit every room layout › Reduced energy consumption thanks to DC fan motor › The flaps close entirely when the unit is not operating › Optimum comfort with automatic air flow adjustment to the required load	FXCQ-A			●	●	●	●	●	●		●		●			
	Ceiling mounted corner cassette	1-way blow unit for corner installation › Compact dimensions enable installation in narrow ceiling voids › Flexible installation thanks to different air discharge options	FXKQ-MA				●	●	●		●							
Concealed ceiling	Slim concealed ceiling unit	Slim design for flexible installation › Compact dimensions enable installation in narrow ceiling voids › Medium external static pressure up to 44Pa › Only grilles are visible › Small capacity unit developted for small of well-insulated rooms › Reduced energy consumption thanks to DC fan motor	FXDQ-A3		●	●	●	●	●	●	●		Auto cleaning filter option				Multi zoning option	
	Concealed ceiling unit with medium ESP	Slimmest yet most powerfull medium static pressure unit on the market! › Slimmest unit in class, only 245mm › Low operating sound level › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths › Automatic air flow adjustment function measures the air volume and static pressure and adjusts it towards the nominal air flow, guaranteeing comfort	FXSQ-A		●	●	●	●	●	●	●		●	●	●	●	Multi zoning option	
	Concealed ceiling unit with high ESP	ESP up to 200, ideal for large sized spaces › Optimum comfort guaranteed no matter the length of ductwork or type of grilles, thanks to automatic air flow adjustment › Reduced energy consumption thanks to DC fan motor › Flexible installation as the air suction direction can be altered from rear to bottom suction	FXMQ-P7							●	●		●	●	●			
	Concealed ceiling unit with high ESP	ESP up to 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	Wall mounted unit	For rooms with no false ceilings nor free floor space › Flat, stylish front panel is more easy to clean › Small capacity unit developted for small of well-insulated rooms › Reduced energy consumption thanks to DC fan motor › The air is comfortably spread up- and downwards thanks to 5 different discharge angles	FXAQ-A		●	●	●	●	●	●	●							
Ceiling suspended	Ceiling suspended unit	For wide rooms with no false ceilings nor free floor space › Ideal for comfortable air flow in wide rooms thanks to Coanda effect › Rooms with ceilings up to 3.8m can be heated or cooled very easily! › Can easily be installed in both new and refurbishment projects › Can even be mounted in corners or narrow spaces without any problem › Reduced energy consumption thanks to DC fan motor	FXHQ-A					●			●			●				
	UNIQUE 4-way blow ceiling suspended unit	Unique Daikin unit for high rooms with no false ceilings nor free floor space › Rooms with ceilings up to 3.5m can be heated up or cooled down very easily! › Can easily be installed in both new and refurbishment projects › Flexibility to suit every room layout › Reduced energy consumption thanks to DC fan motor	FXUQ-A									●		●				
Floor standing	Floor standing unit	For perimeter zone air conditioning › Can be installed in front of glass walls or free standing as both the front and the back are finished › Ideal for installation beneath a window › Requires very little installation space › Wall mounted installation facilitates cleaning beneath the unit	FXLQ-P			●	●	●	●	●	●							
	Concealed floor standing unit	Ideal for installation in offices, hotels and residential applications › Discretely concealed in the wall, leaving only the suction and discharge grilles visible › Can even be installed underneath a window › Requires very little installation space as the depth is only 200mm › High ESP allows flexible installation	FXNQ-A			●	●	●	●	●	●							
Cooling capacity (kW)[1]					1.7	2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0	11.2	14.0	16.0	22.4	28.0
Heating capacity (kW)[2]					1.9	2.5	3.2	4.0	5.0	6.3	8.0	9.0	10.0	12.5	16.0	18.0	25.0	31.5

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

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

Products overview Stylish indoor units

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

Type	Model	Product name	Capacity class (kW) 15	20	25	35	42	50	60	71	Connectable outdoor unit RYYQ-U	RXYQ-U	RXYSCQ-TV1[3] RXYSQ-TV9[3] RXYSQ-TY9/TY1[3]	RWEYQ-T9[4]	RXYLQ-T
Ceiling mounted cassette	Round flow cassette (incl. auto-cleaning function[1])	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)				●		●	●	Auto cleaning filter option			✓		
Wall mounted	Daikin Emura Wall mounted unit (reddot award 2014 winner)	FTXJ-MW/MS		●	●	●		●			✓	✓	✓	✓	✓
	Stylish Wall mounted unit	FTXA-AW/ BS/BB/BT		●	●	●	●	●			✓	✓	✓	✓	✓
Ceiling suspended	Ceiling suspended unit	FHA-A(9)				●		●	●	●			✓		
Floor standing	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

Benefits overview VRV IV

We care		Home leave operation	During absence, indoor comfort levels can be maintained
		Fan only	The air conditioner can be used as fan, blowing air without cooling or heating
		Auto cleaning filter	The filter automatically cleans itself. Simplicity of upkeep means optimum energy efficiency and maximum comfort without the need for expensive or time-consuming maintenance
		Floor and presence sensor	The presence sensor directs the air away from any person detected in the room. The floor sensor detects the average floor temperature and ensures an even temperature distribution between ceiling and floor
Comfort		Draught prevention	When starting to warm up or when the thermostat is off, the air discharge direction is set horizontally and the fan to low speed, to prevent draught. After warming up, air discharge and fan speed are set as desired
		Whisper quiet	Daikin indoor units are whisper quiet. Also the outdoor units are guaranteed not to disturb the quiet of the neightbourhood
		Auto cooling-heating changeover	Automatically selects cooling or heating mode to achieve the set temperature
Air treatment		Air filter	Removes airborne dust particles to ensure a steady supply of clean air
Humidity control		Dry programme	Allows humidity levels to be reduced without variations in room temperature
Air flow		Ceiling soiling prevention	The air discharge of the indoor unit is specially designed to prevent air being blown against the ceiling to prevent ceiling stains
		Vertical auto swing	Possibility to select automatic vertical moving of the air discharge louvre, for uniform air flow and temperature distribution
		Fan speed steps	Multiple fan speeds to select,to optimize comfort levels
		Individual flap control	Individual flap control via the wired remote controller makes it simple to fix the position of each flap individually, to suit any new room configuration. Optional closure kits are available as well
Remote control & timer		Weekly timer	Timer can be set to start and stop operation anytime on a daily or weekly basis
		Infrared remote control	Infrared remote control with LCD to remotely control your indoor unit
		Wired remote control	Wired remote control to remotely control your indoor unit
		Centralised control	Centralised control to to control several indoor units from one single point
		Multi zoning	Allows up to 6 individual climate zones with one indoor unit
Other funtcions		Auto-restart	The unit restarts automatically at the original settings after power failure
		Self-diagnosis	Simplifies maintenance by indicating system faults or operating anomalies
		Drain pump kit	Facilitates condensation draining from the indoor unit
		Multi tenant	The indoor unit's main power supply can be turned off when leaving the building or for servicing purposes

Ceiling mounted cassette units				Concealed ceiling units				Wall mounted unit	Ceiling suspended units		Floor standing units	
FXFQ-B	**FXZQ-A**	**FXCQ-A**	**FXKQ-MA**	**FXDQ-A3**	**FXSQ-A**	**FXMQ-P7**	**FXMQ-MB**	**FXAQ-A**	**FXHQ-A**	**FXUQ-A**	**FXNQ-A**	**FXLQ-P**
												
●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●
●				●								
●	●											
●	●		●							●		
●	●	●		●	●		●					
●	●	●	●	●	●	●	●	●	●	●	●	●
G1* (G3* in case of auto cleaning panel)	G1*	●	G1*	●	G1*	●	G1* F8* (optional)	●	G1*	G1*	G1*	G1*
●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●									
●	●	●	●					●		●		
3 + auto	3 + auto	3 + auto	2	3	3 + auto	3	2	2	3	3 + auto	3	2
●	●									●		
●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●
				●	●							
●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●
Standard	Standard	Standard	Standard	Standard	Standard	Standard	Optional	Optional	Optional	Standard		
●	●	(●)	(●)	●	●	●	(●)	●	(●)	(●)	●	●

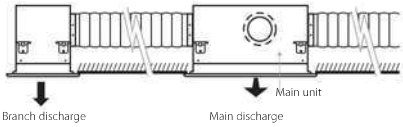
* Filter grade category are an indication, filters are not certified.

ROUND FLOW

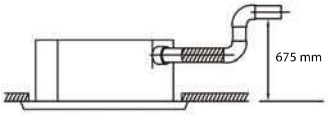
Round flow cassette

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 panels in white (RAL9010) and black (RAL9005) and standard panels in white (RAL9010) with grey louvers or full white
- Bigger flaps and unique swing pattern improve equal air distribution
- Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- Lowest installation height in the market: 214mm for class 20-63
- Optional fresh air intake
- Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms



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



White panel | White auto cleaning panel | Black panel | Black design panel

Access all technical information on FXFQ-B at my.daikin.eu or click here

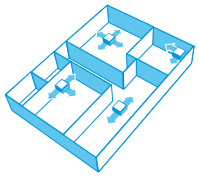
Indoor unit				FXFQ	20B	25B	32B	40B	50B	63B	80B	100B	125B
Cooling capacity	Total capacity	At high fan speed		kW	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00
Heating capacity	Total capacity	At high fan speed		kW	2.50	3.20	4.00	5.00	6.30	8.00	10.0	12.5	16.0
Power input - 50Hz	Cooling	At high fan speed		kW	0.040				0.050	0.060	0.090	0.120	0.190
	Heating	At high fan speed		kW	0.040				0.050	0.060	0.090	0.120	0.190
Dimensions	Unit	HeightxWidthxDepth		mm	204x840x840						246x840x840		288x840x840
Weight	Unit			kg	18.0			19.0	21.0		24.0		26.0
Casing	Material				Galvanised steel plate								
Decoration panel	Model				Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels BYCQ140EGF - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black								
	Dimensions	HeightxWidthxDepth		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								
Fan	Air flow rate - 50Hz	Cooling	At high fan speed / At medium fan speed / At low fan speed	m^3/min	12.8 / 10.7 / 8.9			14.8 / 12.6 / 10.4	15.1 / 12.9 / 10.7	16.6 / 13.4 / 10.7	23.3 / 19.2 / 13.5	27.8 / 20.4 / 13.0	31.6 / 26.0 / 19.8
		Heating	At high fan speed / At medium fan speed / At low fan speed	m^3/min	12.8 / 10.7 / 8.9			14.8 / 12.6 / 10.4	15.1 / 12.9 / 10.7	16.6 / 13.4 / 10.7	22.5 / 18.5 / 13.0	27.8 / 20.4 / 13.0	30.3 / 24.9 / 18.9
Air filter	Type				Resin net								
Sound power level	Cooling	At high fan speed		dBA	49.0			51.0		53.0	55.0	60.0	61.0
Sound pressure level	Cooling	At high fan speed / At medium fan speed / At low fan speed		dBA	31.0 / 29.0 / 28.0			33.0 / 31.0 / 29.0		35.0 / 33.0 / 30.0	38.0 / 34.0 / 30.0	43.0 / 37.0 / 30.0	45.0 / 41.0 / 36.0
	Heating	At high fan speed / At medium fan speed / At low fan speed		dBA	31.0 / 29.0 / 28.0			33.0 / 31.0 / 29.0		35.0 / 33.0 / 30.0	38.0 / 34.0 / 30.0	43.0 / 37.0 / 30.0	45.0 / 41.0 / 36.0
Refrigerant	Type/GWP				R-410A/2,087.5								
Piping connections	Liquid	OD		mm	6.35					9.52			
	Gas	OD		mm	12.7						15.9		
	Drain				VP25 (O.D. 32 / I.D. 25)								
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220								
Control systems	Infrared remote control				BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB								
	Wired remote control				BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52								

Contains fluorinated greenhouse gases

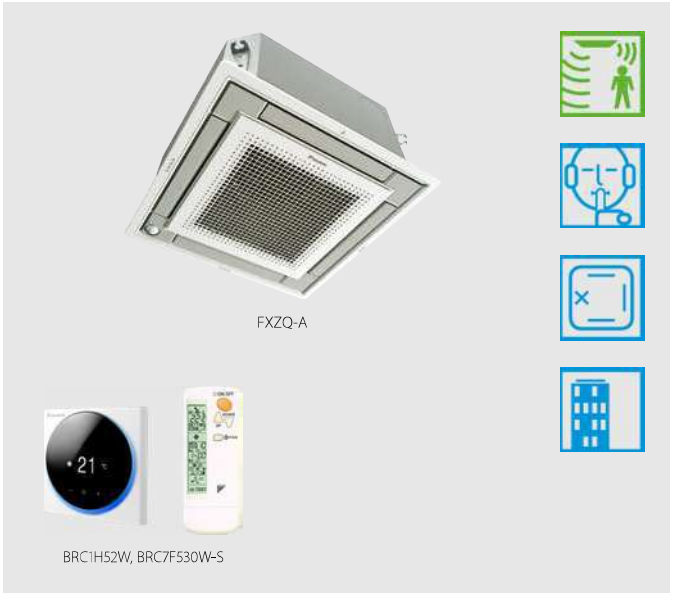
Fully flat cassette

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

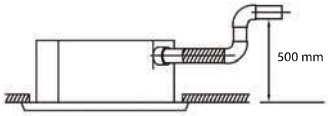
- Fully flat integration in standard architectural ceiling tiles, leaving only 8mm
- Remarkable blend of iconic design and engineering excellence with an elegant finish in white or a combination of silver and white
- Two optional intelligent sensors improve energy efficiency and comfort
- 15 class unit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



- Optional fresh air intake



- Standard drain pump with 630mm lift increases flexibility and installation speed



Access all technical information on FXZQ-A at my.daikin.eu or click here

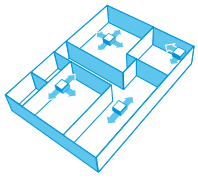
Indoor unit				FXZQ	15A	20A	25A	32A	40A	50A
Cooling capacity	Total capacity	At high fan speed		kW	1.70	2.20	2.80	3.60	4.50	5.60
Heating capacity	Total capacity	At high fan speed		kW	1.90	2.50	3.20	4.00	5.00	6.30
Power input - 50Hz	Cooling	At high fan speed		kW	0.043			0.045	0.059	0.092
	Heating	At high fan speed		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	At high fan speed / At medium fan speed / At low fan speed	m^3/min	8.5 / 7.00 / 6.5	8.7 / 7.50 / 6.5	9.0 / 8.00 / 6.5	10.0 / 8.50 / 7.0	11.5 / 9.50 / 8.0	14.5 / 12.5 / 10.0
		Heating	At high fan speed / At medium fan speed / At low fan speed	m^3/min	8.5 / 7.0 / 6.5	8.7 / 7.5 / 6.5	9.0 / 8.0 / 6.5	10.0 / 8.5 / 7.0	11.5 / 9.5 / 8.0	14.5 / 12.5 / 10.0
Air filter	Type				Resin net					
Sound power level	Cooling	At high fan speed		dBA	49		50	51	54	60
Sound pressure level	Cooling	At high fan speed / At medium fan speed / At low fan speed		dBA	31.5 / 28.0 / 25.5	32.0 / 29.5 / 25.5	33.0 / 30.0 / 25.5	33.5 / 30.0 / 26.0	37.0 / 32.0 / 28.0	43.0 / 40.0 / 33.0
	Heating	At high fan speed / At medium fan speed / At low fan speed		dBA	31.5 / 28.0 / 25.5	32.0 / 29.5 / 25.5	33.0 / 30.0 / 25.5	33.5 / 30.0 / 26.0	37.0 / 32.0 / 28.0	43.0 / 40.0 / 33.0
Refrigerant	Type/GWP				R-410A/2,087.5					
Piping connections	Liquid	OD		mm	6.35					
	Gas	OD		mm	12.7					
	Drain				VP20 (I.D. 20/O.D. 26)					
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)			A	16					
Control systems	Infrared remote control				BRC7EB530W (standard panel) / BRC7F530W (white panel) / BRC7F530S (grey panel)					
Control systems	Wired remote control				BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52					

Dimensions do not include control box | Contains fluorinated greenhouse gases

2-way blow ceiling mounted cassette

Thin, lightweight design installs easily in narrow corridors

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

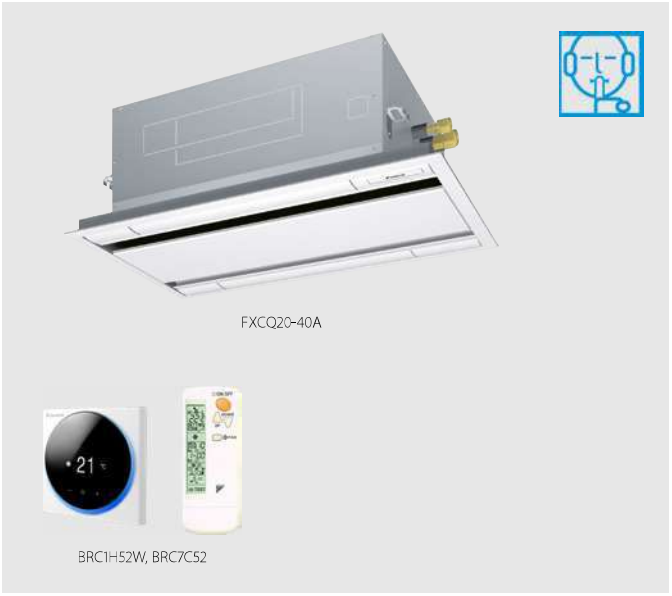


› Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible
› Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required

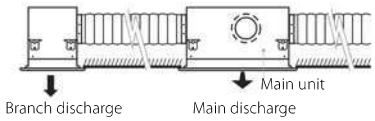
Fresh air intake opening in casing

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

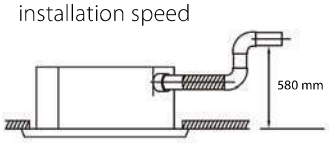
› Optimum comfort guaranteed with automatic air flow adjustment to the required load
› Maintenance operations can be performed by removing the front panel



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



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



Access all technical information on FXCQ-A at my.daikin.eu or click here

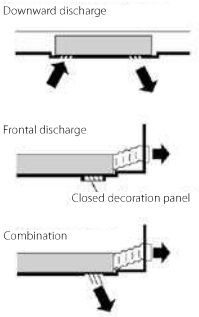
Indoor unit				FXCQ	20A	25A	32A	40A	50A	63A	80A	125A
Cooling capacity	Total capacity	At high fan speed		kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	14.0
Heating capacity	Total capacity	At high fan speed		kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	16.0
Power input - 50Hz	Cooling	At high fan speed		kW	0.031	0.039		0.041	0.059	0.063	0.090	0.149
	Heating	At high fan speed		kW	0.028	0.035		0.037	0.056	0.060	0.086	0.146
Dimensions	Unit	HeightxWidthxDepth		mm	305x775x620				305x990x620		305x1,445x620	
Weight	Unit			kg	19				22	25	33	38
Casing	Material				Galvanised steel plate							
Decoration panel	Model				BYBCQ40HW1				BYBCQ63HW1		BYBCQ125HW1	
	Colour				Fresh white (6.5Y 9.5/0.5)							
	Dimensions	HeightxWidthxDepth		mm	55x1,070x700				55x1,285x700		55x1,740x700	
	Weight			kg	10				11		13	
Fan	Air flow rate - 50Hz	Cooling	At high fan speed / at medium fan speed / at low fan speed	M^3/min	10.5 / 9 / 7.5	11.5 / 9.5 / 8		12 / 10.5 / 8.5	15 / 13 / 10.5	16 / 14 / 11.5	26 / 22.5 / 18.5	32 / 27.5 / 22.5
Air filter	Type				Resin net with mold resistance							
Sound power level	Cooling	At high fan speed / At medium fan speed / At low fan speed		dBA	48 / 46 / 44	50 / 47 / 45	50 / 48 / 46	52 / 49 / 47	53 / 51 / 47	55 / 53 / 48	58 / 54 / 49	62 / 58 / 54
Sound pressure level	Cooling	At high fan speed / At medium fan speed / At low fan speed		dBA	32.0 / 30.0 / 28.0	34.0 / 31.0 / 29.0	34.0 / 32.0 / 30.0	36.0 / 33.0 / 31.0	37.0 / 35.0 / 31.0	39.0 / 37.0 / 32.0	42.0 / 38.0 / 33.0	46.0 / 42.0 / 38.0
	Heating	At high fan speed / At medium fan speed / At low fan speed		dBA	32.0 / 30.0 / 28.0	34.0 / 31.0 / 29.0	34.0 / 32.0 / 30.0	36.0 / 33.0 / 31.0	37.0 / 35.0 / 31.0	39.0 / 37.0 / 32.0	42.0 / 38.0 / 33.0	46.0 / 42.0 / 38.0
Refrigerant	Type/GWP				R-410A/2,087.5							
Piping connections	Liquid	OD		mm	6.35					9.52		
	Gas	OD		mm	12.7					15.9		
	Drain				VP25 (O.D. 32 / I.D. 25)							
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240							
Current - 50Hz	Maximum fuse amps (MFA)			A	16							
Control systems	Infrared remote control				BRC7C52							
	Wired remote control				BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52							

Contains fluorinated greenhouse gases

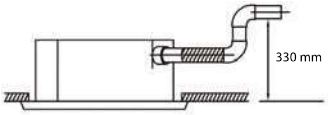
Ceiling mounted corner cassette

1-way blow unit for corner installation

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



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



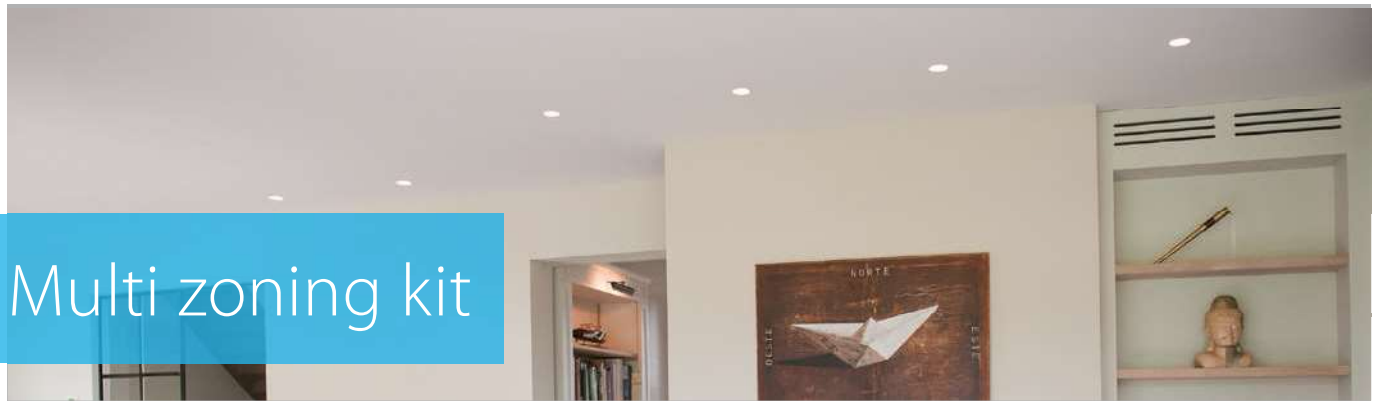
FXKQ-MA

BRC1H52W, BRC4C61

Access all technical information on FXKQ-MA at my.daikin.eu or click here

Indoor unit				FXKQ	25MA	32MA	40MA	63MA
Cooling capacity	Total capacity	At high fan speed		kW	2.8	3.6	4.5	7.10
Heating capacity	Total capacity	At high fan speed		kW	3.2	4.0	5.0	8.00
Power input - 50Hz	Cooling	At high fan speed		kW	0.066		0.076	0.105
	Heating	At high fan speed		kW	0.046		0.056	0.085
Dimensions	Unit	HeightxWidthxDepth		mm	215x1,110x710			215x1,310x710
Weight	Unit			kg	31			34
Casing	Material				Galvanised steel plate			
Decoration panel	Model				BYK45FJW1			BYK71FJW1
	Colour				White			
	Dimensions	HeightxWidthxDepth		mm	70x1,240x800			70x1,440x800
	Weight			kg	8.5			9.5
Fan	Air flow rate - 50Hz	Cooling	At high fan speed / At low fan speed	m^3/min	11 / 9		13 / 10	18 / 15
Air filter	Type				Resin net with mold resistance			
Sound power level	Cooling	At high fan speed / At low fan speed		dBA	54 / 49		56 / 50	58 / 53
Sound pressure level	Cooling	At high fan speed / At low fan speed		dBA	38.0 / 33.0		40.0 / 34.0	42.0 / 37.0
Refrigerant	Type/GWP				R-410A/2,087.5			
Piping connections	Liquid	OD		mm	6.35			9.52
	Gas	OD		mm	12.7			15.9
	Drain				VP25 (O.D. 32 / I.D. 25)			
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220			
Current - 50Hz	Maximum fuse amps (MFA)			A	15			
Control systems	Infrared remote control				BRC4C61			
	Wired remote control				BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52			

Contains fluorinated greenhouse gases



Multi zoning kit

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

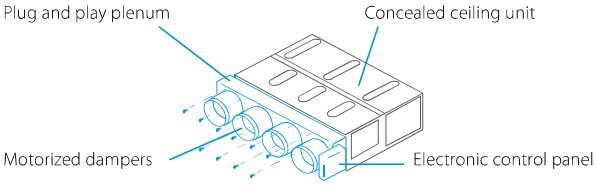
Benefits

Increased comfort

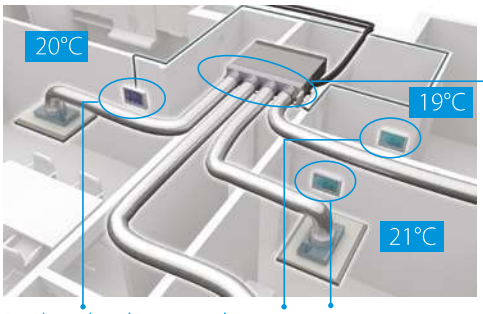
› Increases comfort levels by allowing more individual zone control
  - Up to 8 individual zones can be served thanks to separate modulating dampers
  - Individual thermostat for room-by-room or zone-by-zone control

Easy to install

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



How does it work?



Individual zone thermostats

Zoning box: fully pre-assembled plenum with dampers

Blueface - Airzone Main Thermostat
› Color graphic interface for controlling zones
› Wired communication

AZCE6BLUEFACECB

Airzone Zone Thermostat
› Graphic interface with low-energy e-ink screen for controlling zones
› Radio communication

AZCE6THINKRB

Airzone Zone Thermostat
› Thermostat with buttons for controlling the temperature
› Radio communication

AZCE6LITERB

Compatibility

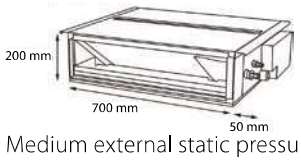
	Number of motorised dampers	Reference	Dimensions H x W x D (mm)	SkyAir FDXM-F9 25	35	50	60	SkyAir FBA-A(9) 35	50	60	71	100	125	140	SkyAir ADEA-A 71	100	125	VRV FXDQ-A3 15	20	25	32	40	50	63	VRV FXSQ-A 15	20	25	32	40	50	63	71	80	100	125	140
Standard Ceiling Void	2	AZEZ6DAIST07XS2	300 x 930 x 454																						•	•	•	•							
		AZEZ6DAIST07S2						•	•																				•	•					
	3	AZEZ6DAIST07XS3	300 x 930 x 454																						•	•	•	•							
		AZEZ6DAIST07S3						•	•																				•	•					
	4	AZEZ6DAIST07S4	300 x 930 x 454					•	•																				•	•					
		AZEZ6DAIST07M4	300 x 1,140 x 454							•	•				•																•		•		
	5	AZEZ6DAIST07M5	300 x 1,425 x 454							•	•				•																•		•		
		AZEZ6DAIST07L5										•	•	•		•	•																•	•	
	6	AZEZ6DAIST07M6	300 x 1,638 x 454							•	•				•																•		•		
		AZEZ6DAIST07L6										•	•	•		•	•																•	•	
	7	AZEZ6DAIST07L7	515 x 1,425 x 454									•	•	•		•	•																•	•	
		AZEZ6DAIST07XL7																																	•
	8	AZEZ6DAIST07L8	515 x 1,425 x 454									•	•	•		•	•																•	•	
		AZEZ6DAIST07XL8																																	•
Compact Ceiling Void	2	AZEZ6DAISL01S2	210 x 720 x 444	•	•													•	•	•	•														
	3	AZEZ6DAISL01S3	210 x 720 x 444	•	•													•	•	•	•														
	4	AZEZ6DAISL01M4	210 x 930 x 444																			•	•												
	5	AZEZ6DAISL01L5	210 x 1,140 x 444			•	•																	•											

Slim concealed ceiling unit

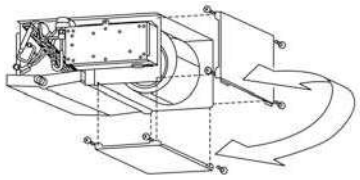
Slim design for flexible installation

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

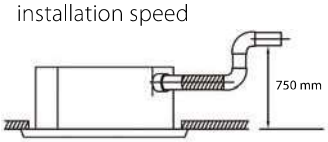
SERIE A (15, 20, 25, 32)

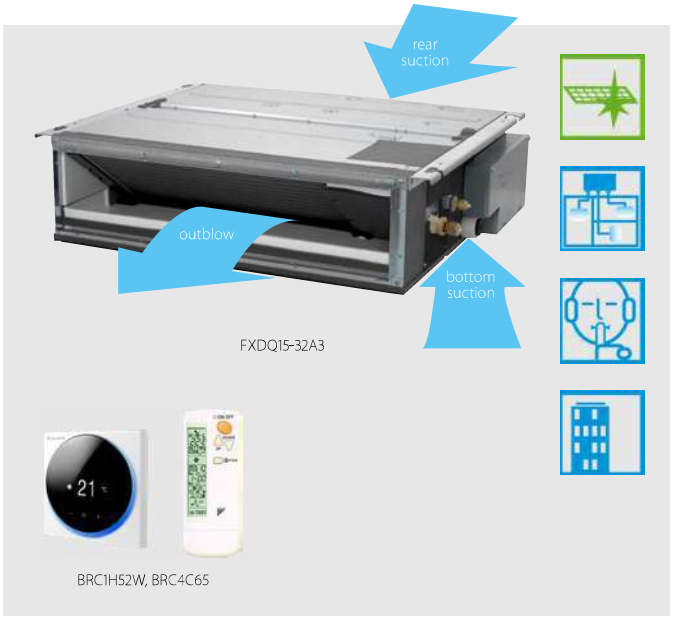


- Medium external static pressure up to 44Pa facilitates unit use with flexible ducts of varying lengths
- Discretely concealed in the wall: only the suction and discharge grilles are visible
- 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices,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



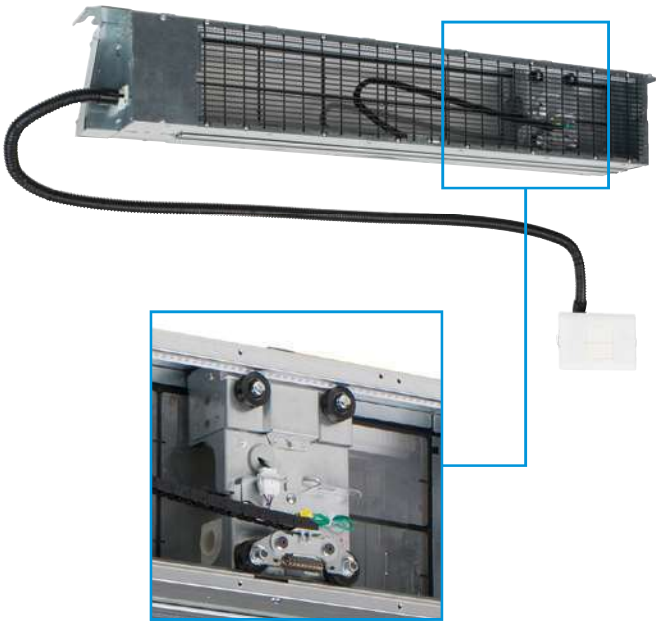
- Standard drain pump with 600mm lift increases flexibility and installation speed





FXDQ15-32A3

BRC1H52W, BRC4C65



Auto cleaning filter option

Access all technical information on FXDQ-A3 at my.daikin.eu or click here

Access all technical information on BAE20A at my.daikin.eu or click here

More information on multi zoning kit in the controls chapter

Indoor unit				FXDQ	15A3	20A3	25A3	32A3	40A3	50A3	63A3
Cooling capacity	Total capacity	At high fan speed		kW	1.70	2.20	2.80	3.60	4.50	5.60	7.10
Heating capacity	Total capacity	At high fan speed		kW	1.90	2.50	3.20	4.00	5.00	6.30	8.00
Power input - 50Hz	Cooling	At high fan speed		kW	0.071				0.078	0.099	0.110
	Heating	At high fan speed		kW	0.068				0.075	0.096	0.107
Required ceiling void >				mm	240						
Dimensions	Unit	HeightxWidthxDepth		mm	200x750x620				200x950x620		200x1,150x620
Weight	Unit			kg	22.0				26.0		29.0
Casing	Material				Galvanised steel						
Fan	Air flow rate - 50Hz	Cooling	At high fan speed / At medium fan speed / At low fan speed	m^3/min	7.5 / 7.00 / 6.4	8.0 / 7.20 / 6.4			10.5 / 9.50 / 8.5	12.5 / 11.0 / 10.0	16.5 / 14.5 / 13.0
	External static pressure - 50Hz	Factory set / High		Pa	10 / 30.0				15 / 44.0		
Air filter	Type				Removable / washable						
Sound power level	Cooling	At high fan speed		dBA	50	51			52	53	54
Sound pressure level	Cooling	At high fan speed / At medium fan speed / At low fan speed		dBA	32.0 / 31.0 / 27.0	33.0 / 31.0 / 27.0			34.0 / 32.0 / 28.0	35.0 / 33.0 / 29.0	36.0 / 34.0 / 30.0
Refrigerant	Type/GWP				R-410A/2,087.5						
Piping connections	Liquid	OD		mm	6.35						9.52
	Gas	OD		mm	12.7						15.9
	Drain				VP20 (I.D. 20/O.D. 26)						
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220						
Current - 50Hz	Maximum fuse amps (MFA)			A	16						
Control systems	Infrared remote control				BRC4C65 / BRC4C66						
	Wired remote control				BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52						

Contains fluorinated greenhouse gases

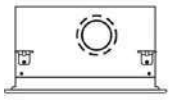
Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

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

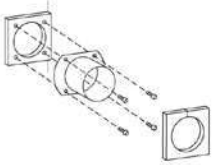
› Quiet operation: down to 25dBA sound pressure level
› Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
› Possibility to change ESP via wired remote control allows optimisation of the supply air volume
› Discretely concealed in the wall: only the suction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

Fresh air intake opening in casing

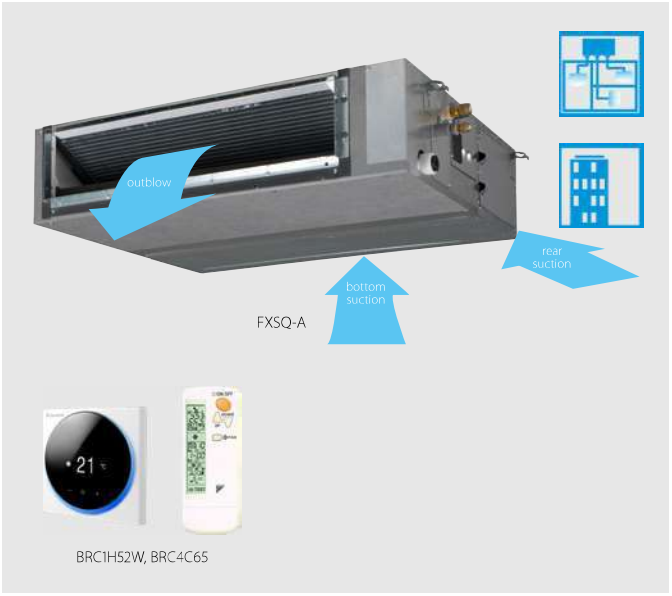


* Brings in up to 10% of fresh air into the room

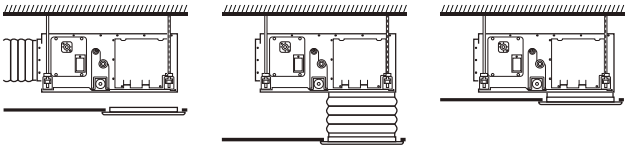
Optional fresh air intake kit



* Allow larger quantities of fresh air to be brought in



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

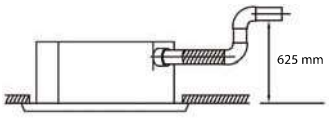


For free use into a false ceiling

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

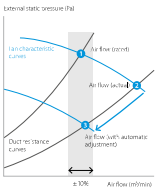
For direct connection to Daikin panel (via EKBYBSD kit)

› 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

Access all technical information on FXSQ-A at my.daikin.eu or click here

More information on multi zoning kit in the controls chapter

Indoor unit				FXSQ	15A	20A	25A	32A	40A	50A	63A	80A	100A	125A	140A
Cooling capacity	Total capacity	At high fan speed		kW	1.70	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	16.00
Heating capacity	Total capacity	At high fan speed		kW	1.90	2.50	3.20	4.00	5.00	6.30	8.00	10.0	12.5	16.0	18.0
Power input - 50Hz	Cooling	At high fan speed		kW	0.090			0.096	0.151	0.154	0.188	0.213	0.290	0.331	0.386
	Heating	At high fan speed		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	Cooling	High / Medium / Low	m^3/min	8.7 / 7.50 / 6.5	9.0 / 7.50 / 6.5		9.5 / 8.00 / 7.0	15.0 / 12.5 / 11.0	15.2 / 12.5 / 11.0	21.0 / 18.0 / 15.0	23.0 / 19.5 / 16.0	32.0 / 27.0 / 23.0	36.0 / 31.5 / 26.0	39.0 / 34.0 / 28.0
	- 50Hz	Heating	High / Medium / Low	m^3/min	8.7 / 7.5 / 6.5	9.0 / 7.5 / 6.5		9.5 / 8.0 / 7.0	15.0 / 12.5 / 11.0	15.2 / 12.5 / 11.0	21.0 / 18.0 / 15.0	23.0 / 19.5 / 16.0	32.0 / 27.0 / 23.0	36.0 / 31.5 / 26.0	39.0 / 34.0 / 28.0
	External static pressure - 50Hz	Factory set / High		Pa	30 / 150							40 / 150		50 / 150	
Air filter	Type				Resin net										
Sound power level	Cooling	At high fan speed		dBA	54			55	60		59	61		64	
Sound pressure level	Cooling	High / Medium / Low		dBA	29.5 / 28.0 / 25.0	30.0 / 28.0 / 25.0		31.0 / 29.0 / 26.0	35.0 / 32.0 / 29.0		33.0 / 30.0 / 27.0	35.0 / 32.0 / 29.0	36.0 / 34.0 / 31.0	39.0 / 36.0 / 33.0	41.5 / 38.0 / 34.0
	Heating	High / Medium / Low		dBA	31.5 / 29.0 / 26.0	32.0 / 29.0 / 26.0		33.0 / 30.0 / 27.0	37.0 / 34.0 / 29.0		35.0 / 32.0 / 28.0	37.0 / 34.0 / 30.0	37.0 / 34.0 / 31.0	40.0 / 37.0 / 33.0	42.0 / 38.5 / 34.0
Refrigerant	Type/GWP				R-410A/2,087.5										
Piping connections	Liquid	OD		mm	6.35							9.52			
	Gas	OD		mm	12.7							15.9			
	Drain				VP20 (I.D. 20/O.D. 26), drain height 625 mm										
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220										
Current - 50Hz	Maximum fuse amps (MFA)			A	16										
Control systems	Infrared remote control				BRC4C65										
	Wired remote control				BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52										

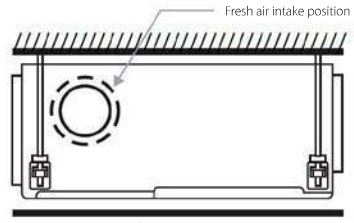
Contains fluorinated greenhouse gases

Concealed ceiling unit with high ESP

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

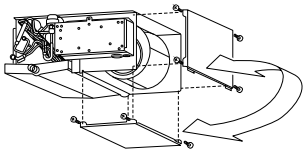
› Possibility to change ESP via wired remote control allows optimisation of the supply air volume
› High external static pressure up to 200Pa facilitates extensive duct and grille network
› Discretely concealed in the wall: only the suction and discharge grilles are visible
› Fresh air intake integrated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

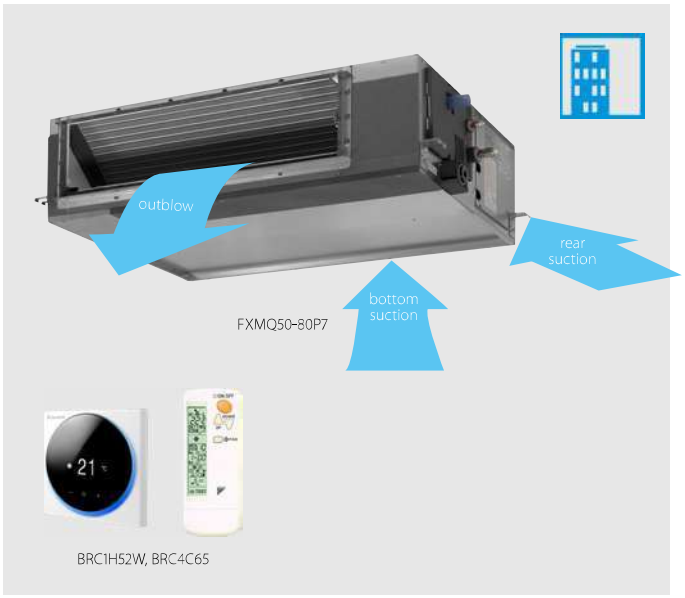
Fresh air intake opening in casing



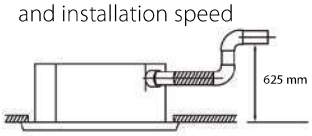
* Brings in up to 10% of fresh air into the room

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





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



FXMQ-MB: ESP up to 270 Pa

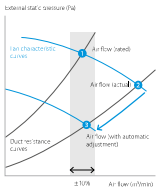
› High external static pressure up to 270Pa facilitates extensive duct and grille network
› Discretely concealed in the wall: only the suction and discharge grilles are visible
› Large capacity unit: up to 31.5 kW heating capacity

Automatic Airflow Adjustment function

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

Why?

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



Access all technical information on FXMQ-P7 at my.daikin.eu or click here

Access all technical information on FXMQ-MB at my.daikin.eu or click here

Indoor unit			FXMQ/FXMQ	50P7	63P7	80P7	100P7	125P7	200MB	250MB
Cooling capacity	Total capacity	At high fan speed	kW	5.6	7.1	9.0	11.2	14.0	22.4	28.0
Heating capacity	Total capacity	At high fan speed	kW	6.3	8.0	10.0	12.5	16.0	25.0	31.5
Power input - 50Hz	Cooling	At high fan speed	kW	0.110	0.120	0.171	0.176	0.241	0.895	1.185
	Heating	At high fan speed	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			BYBS71DJW1			BYBS125DJW1		-	
	Colour			White (10Y9/0.5)					-	
	Dimensions	HeightxWidthxDepth	mm	55x1,100x500			55x1,500x500		-x-x-	
	Weight		kg	4.5			6.5		-	
Fan	Air flow rate	Cooling High / Medium / Low	m^3/min	18.0 / 16.5 / 15.0	19.5 / 17.8 / 16.0	25.0 / 22.5 / 20.0	32.0 / 27.5 / 23.0	39.0 / 33.5 / 28.0	58 / 54.0 / 50	72 / 67.0 / 62
	- 50Hz	Heating High / Medium / Low	m^3/min	18.0 / 16.5 / 15.0	19.5 / 17.8 / 16.0	25.0 / 22.5 / 20.0	32.0 / 27.5 / 23.0	39.0 / 33.5 / 28.0	- / - / -	
	External static pressure - 50Hz	Factory set / High	Pa	100 / 200					160 / 270	170 / 270
Air filter	Type			Resin net					-	
Sound power level	Cooling	High / Medium / Low	dBA	61.0 / - / -	64.0 / - / -	67.0 / - / -	65.0 / - / -	70.0 / - / -	76 / 75 / 73	
Sound pressure level	Cooling	High / Medium / Low	dBA	41.0 / 39.0 / 37.0	42.0 / 40.0 / 38.0	43.0 / 41.0 / 39.0		44.0 / 42.0 / 40.0	48 / - / 45	
	Heating	High / Medium / Low	dBA	41.0 / 39.0 / 37.0	42.0 / 40.0 / 38.0	43.0 / 41.0 / 39.0		44.0 / 42.0 / 40.0	- / - / -	
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 +/-10%					1~/50/220-240	
Current - 50Hz	Maximum fuse amps (MFA)		A	16						
Control systems	Infrared remote control			-					BRC4C65 / BRC4C66	
	Wired remote control			BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52						

Contains fluorinated greenhouse gases

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

Access all technical information on FXAQ-A at my.daikin.eu or click here

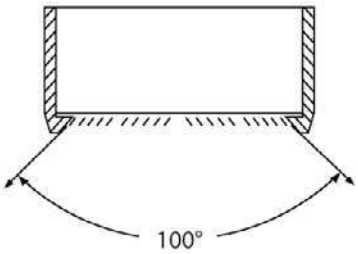
tables.titles.single				FXAQ	15A	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	At high fan speed		kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Total capacity	At high fan speed		kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	At high fan speed		kW	0.02		0.03		0.02	0.03	0.05
	Heating	At high fan speed		kW	0.03			0.04	0.02	0.04	0.06
Dimensions	Unit	HeightxWidthxDepth		mm	290x795x266				290x1,050x269		
Weight	Unit			kg	12				15		
Fan	Air flow rate - 50Hz	Cooling	At high fan speed / At low fan speed	m^3/min	8.4 / 7.0	9.1 / 7.0	9.4 / 7.0	9.8 / 7.0	12.2 / 9.7	14.4 / 11.5	18.3 / 13.5
Air filter	Type				Washable resin net						
Sound power level	Cooling	At high fan speed		dBA	51.0	52.0	53.0	55.0		58.0	63.0
Sound pressure level	Cooling	At high fan speed / At low fan speed		dBA	32.0 / 28.5	33.0 / 28.5	35.0 / 28.5	37.5 / 28.5	37.0 / 33.5	41.0 / 35.5	46.5 / 38.5
	Heating	At high fan speed / At low fan speed		dBA	33.0 / 28.5	34.0 / 28.5	36.0 / 28.5	38.5 / 28.5	38.0 / 33.5	42.0 / 35.5	47.0 / 38.5
Refrigerant	Type/GWP				R-410A/2,087.5						
Piping connections	Liquid	OD		mm	6.35						9.52
	Gas	OD		mm	12.7						15.9
	Drain				VP13 (I.D. 15/O.D. 18)						
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240						
Current - 50Hz	Maximum fuse amps (MFA)			A	16						
Control systems	Infrared remote control				BRC7EA628 / BRC7EA629						
	Wired remote control				BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52						

Contains fluorinated greenhouse gases

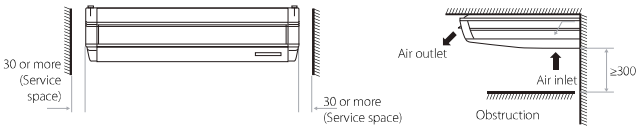
Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

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



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



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

Fresh air intake opening in casing

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

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

FXHQ63A

BRC1H52W, BRC7GA53-9

Access all technical information on FXHQ-A at my.daikin.eu or click here

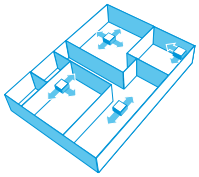
Indoor unit				FXHQ	32A	63A	100A
Cooling capacity	Total capacity	At high fan speed		kW	3.6	7.1	11.2
Heating capacity	Total capacity	At high fan speed		kW	4.0	8.0	12.5
Power input - 50Hz	Cooling	At high fan speed		kW	0.107	0.111	0.237
	Heating	At high fan speed		kW	0.107	0.111	0.237
Dimensions	Unit	HeightxWidthxDepth		mm	235x960x690	235x1,270x690	235x1,590x690
Weight	Unit			kg	24	33	39
Casing	Material				Resin		
Fan	Air flow rate - 50Hz	Cooling	At high fan speed / At medium fan speed / At low fan speed	m^3/min	14.0 / 12.0 / 10.0	20.0 / 17.0 / 14.0	29.5 / 24.0 / 19.0
		Heating	At high fan speed / At medium fan speed / At low fan speed	m^3/min	14.0 / 12.0 / 10.0	20.0 / 17.0 / 14.0	29.5 / 24.0 / 19.0
Air filter	Type				Resin net with mold resistance		
Sound power level	Cooling	At high fan speed / At medium fan speed / At low fan speed		dBA	54 / 52 / 49	55 / 53 / 52	62 / 55 / 52
Sound pressure level	Cooling	At high fan speed / At medium fan speed / At low fan speed		dBA	36.0 / 34.0 / 31.0	37.0 / 35.0 / 34.0	44.0 / 37.0 / 34.0
	Heating	At high fan speed / At medium fan speed / At low fan speed		dBA	36.0 / 34.0 / 31.0	37.0 / 35.0 / 34.0	44.0 / 37.0 / 34.0
Refrigerant	Type/GWP				R-410A/2,087.5		
Piping connections	Liquid	OD		mm	6.35	9.52	
	Gas	OD		mm	12.7	15.9	
	Drain				VP20 (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				BRC7G53		
	Wired remote control				BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52		

Contains fluorinated greenhouse gases

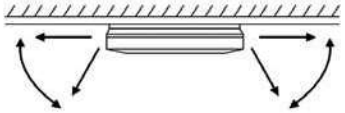
4-way blow ceiling suspended unit

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

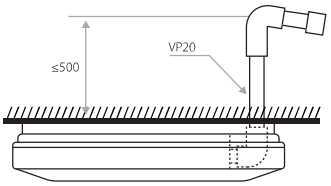
- Even rooms with ceilings up to 3.5m can be heated up or cooled down very easily without capacity loss
- Can easily be installed in both new and refurbishment projects
- Individual flap control: flexibility to suit every room layout without changing the location of the unit!



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



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



Access all technical information on FXUQ-A at my.daikin.eu or click here

Indoor unit				FXUQ	71A	100A
Cooling capacity	Total capacity	At high fan speed		kW	8.0	11.2
Heating capacity	Total capacity	At high fan speed		kW	9.0	12.5
Power input - 50Hz	Cooling	At high fan speed		kW	0.090	0.200
	Heating	At high fan speed		kW	0.073	0.179
Dimensions	Unit	HeightxWidthxDepth		mm	198x950x950	
Weight	Unit			kg	26	27
Casing	Material				Resin	
Fan	Air flow rate - 50Hz	Cooling	At high fan speed / At medium fan speed / At low fan speed	m^3/min	22.5 / 19.5 / 16.0	31.0 / 26.0 / 21.0
		Heating	At high fan speed / At medium fan speed / At low fan speed	m^3/min	22.5 / 19.5 / 16.0	31.0 / 26.0 / 21.0
Air filter	Type				Resin net with mold resistance	
Sound power level	Cooling	At high fan speed / At medium fan speed / At low fan speed		dBA	58 / 56 / 54	65 / 62 / 58
Sound pressure level	Cooling	At high fan speed / At medium fan speed / At low fan speed		dBA	40.0 / 38.0 / 36.0	47.0 / 44.0 / 40.0
	Heating	At high fan speed / At medium fan speed / At low fan speed		dBA	40.0 / 38.0 / 36.0	47.0 / 44.0 / 40.0
Refrigerant	Type/GWP				R-410A/2,087.5	
Piping connections	Liquid	OD		mm	9.52	
	Gas	OD		mm	15.9	
	Drain				I.D. 20/O.D. 26	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220-230	
Current - 50Hz	Maximum fuse amps (MFA)			A	16	
Control systems	Infrared remote control				BRC7C58	
	Wired remote control				BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52	

Contains fluorinated greenhouse gases

Concealed floor standing unit

Designed to be concealed in walls

› Discretely concealed in the wall: only the suction and discharge grilles are visible
› Requires very little installation space as the depth is only 200mm

› Its low height (620 mm) enables the unit to fit perfectly beneath a window
› High ESP allows flexible installation

Access all technical information on FXNQ-A at my.daikin.eu or click here

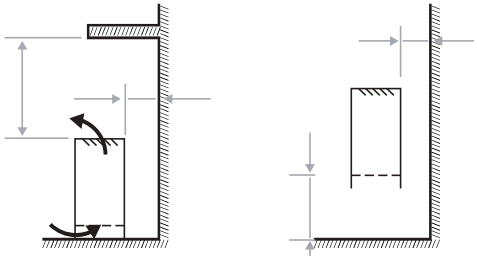
Indoor unit					FXNQ	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	At high fan speed			kW	2.20	2.80	3.60	4.50	5.60	7.10
Heating capacity	Total capacity	At high fan speed			kW	2.50	3.20	4.00	5.00	6.30	8.00
Power input - 50Hz	Cooling	At high fan speed			kW	0.071			0.078	0.099	0.110
	Heating	At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

Contains fluorinated greenhouse gases

Floor standing unit

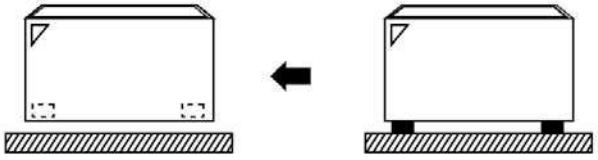
For perimeter zone air conditioning

- Unit can be installed as free standing model by use of optional back plate
- Its low height enables the unit to fit perfectly beneath a window
- Stylish modern casing finished in pure white (RAL9010) and iron grey (RAL7012) blends easily with any interior
- Requires very little installation space



Floor standing Wall mounted

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



- Wired remote control can easily be integrated in the unit

FXLQ20-25P

BRC1H519W, BRC4C65

Access all technical information on FXLQ-P at my.daikin.eu or click here

tables.titles.single				FXLQ	20P	25P	32P	40P	50P	63P
Cooling capacity	Total capacity	At high fan speed		kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Total capacity	At high fan speed		kW	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	At high fan speed		kW	0.05		0.09		0.11	
	Heating	At high fan speed		kW	0.05		0.09		0.11	
Dimensions	Unit	HeightxWidthxDepth		mm	600x1,000x232		600x1,140x232		600x1,420x232	
Weight	Unit			kg	27		32		38	
Fan	Air flow rate - 50Hz	Cooling	At high fan speed / At low fan speed	m^3/min	7 / 6.0		8 / 6.0	11 / 8.5	14 / 11.0	16 / 12.0
Air filter	Type				Resin net					
Sound power level	Cooling	At high fan speed		dBA	54			57	58	59
Sound pressure level	Cooling	At high fan speed / At low fan speed		dBA	35 / 32			38 / 33	39 / 34	40 / 35
	Heating	At high fan speed / At low fan speed		dBA	35 / 32			38 / 33	39 / 34	40 / 35
Refrigerant	Type/GWP				R-410A/2,087.5					
Piping connections	Liquid	OD		mm	6,35					
	Gas	OD		mm	12.7					15.9
	Drain				O.D. 21 (Vinyl chloride)					
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)			A	15					
Control systems	Infrared remote control				BRC4C65					
	Wired remote control				BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52					

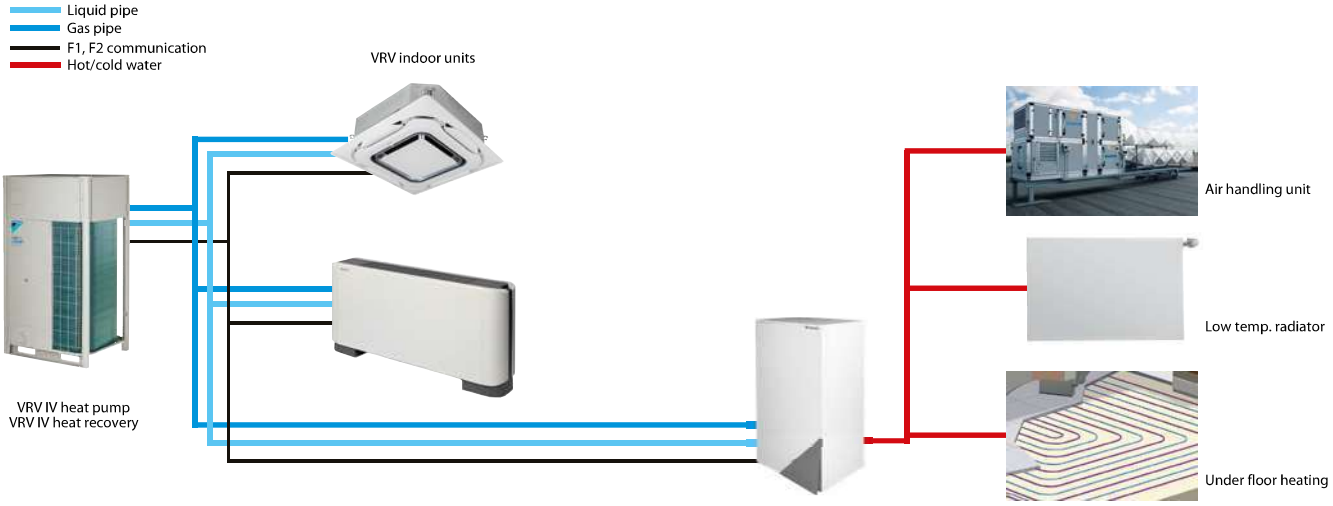
Contains fluorinated greenhouse gases

Low temperature hydrobox for VRV

For high efficiency space heating and cooling

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

HXY-A8



Access all technical information on HXY-A8 at my.daikin.eu or click here

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	mm	890 x 480 x 344	
Weight	Unit		kg	44	
Casing	Colour			White	
	Material			Precoated sheet metal	
Operation range	Cooling	Ambient Min. ~ Max.	°CDB	10 ~ 43	
		Water side Min. ~ Max.	°C	5 ~ 20	
	Heating	Ambient Min. ~ Max.	°C	-20 ~ 24	
		Water side Min. ~ Max.	°C	25 ~ 45	
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) | Contains fluorinated greenhouse gases

High temperature hydrobox for VRV

For efficient hot water production and space heating

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

Access all technical information on HXHD-A8 at my.daikin.eu or click here

Indoor Unit				HXHD	125A	200A
Heating capacity	Nom.			kW	14.0	22.4
Dimensions	Unit	Height x Width x Depth		mm	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)	46.0 (2) / 46.0
	Night quiet mode	Level 1		dBA	38 (2)	45 (2)
Operation range	Heating	Ambient	Min. ~ Max.	°C	-20.0 ~ 20 / 24 (1)	
		Water side	Min. ~ Max.	°C	25 ~ 80.0	
	Domestic hot water	Ambient	Min. ~ Max.	°CDB	-20.0 ~ 43.0	
		Water side	Min. ~ Max.	°C	45 ~ 75	
Refrigerant	Type				R-134a	
	GWP				1,430	
	Charge			kg	2.00	2.60
Water circuit	Piping connections diameter			inch	G 1" (female)	
	Heating water system	Water volume	Max. ~ Min.	l	200 ~ 20	400 ~ 20
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	3~ / 50 / 380-415
Current	Recommended fuses			A	20	16

(1) 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 | Contains fluorinated greenhouse gases

EKHWP-B

Domestic hot water tank

Plastic domestic hot water tank with solar support

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

EKHWP300B EKHWP500B

Accessory				EKHWP	300B	500B
Casing	Colour				Traffic white (RAL9016) / Dark grey (RAL7011)	
	Material				Impact resistant polypropylene	
Dimensions	Unit	Height	mm		1,650	1,660
		Width	mm		595	790
		Depth	mm		615	790
Weight	Unit	Empty	kg		58	82
Tank	Water volume		l		294	477
	Material				Polypropylen	
	Maximum water temperature		°C		85	
	Insulation	Heat loss	kWh/24h		1.5	1.7
	Energy efficiency class				B	
	Standing heat loss		W		64	72
	Storage volume		l		294	477
Heat exchanger	Domestic hot water	Quantity			1	
		Tube material			Stainless steel (DIN 1.4404)	
		Face area	m^2		5.600	5.800
		Internal coil volume	l		27.1	28.1
		Operating pressure	bar		6	
		Average specifc thermal output	W/K		2,790	2,825
	Charging	Quantity			1	
		Tube material			Stainless steel (DIN 1.4404)	
		Face area	m^2		3	4
		Internal coil volume	l		13	18
		Operating pressure	bar		3	
		Average specifc thermal output	W/K		1,300	1,800
	Auxiliary solar heating	Tube material			-	Stainless steel (DIN 1.4404)
		Face area	m^2		-	1
		Internal coil volume	l		-	4
		Operating pressure	bar		-	3
		Average specifc thermal output	W/K		-	280

Contains fluorinated greenhouse gases

EKHWP-PB

Domestic hot water tank

Pressureless domestic hot water tank with solar support

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

EKHWP300PB EKHWP500PB

Accessory				EKHWP	300PB	500PB
Casing	Colour				Traffic white (RAL9016) / Dark grey (RAL7011)	
	Material				Impact resistant polypropylene	
Dimensions	Unit	Height	mm		1,650	1,660
		Width	mm		595	790
		Depth	mm		615	790
Weight	Unit	Empty	kg		58	89
Tank	Water volume		l		294	477
	Material				Polypropylen	
	Maximum water temperature		°C		85	
	Insulation	Heat loss	kWh/24h		1.5	1.7
	Energy efficiency class				B	
	Standing heat loss		W		64	72
	Storage volume		l		294	477
Heat exchanger	Domestic hot water	Quantity			1	
		Tube material			Stainless steel (DIN 1.4404)	
		Face area	m^2		5.600	5.900
		Internal coil volume	l		27.1	28.1
		Operating pressure	bar		6	
		Average specifc thermal output	W/K		2,790	2,825
	Charging	Quantity			1	
		Tube material			Stainless steel (DIN 1.4404)	
		Face area	m^2		3	4
		Internal coil volume	l		13	18
		Operating pressure	bar		3	
		Average specifc thermal output	W/K		1,300	1,800
	Pressurised solar	Average specifc thermal output	W/K		390.00	840.00
	Auxiliary solar heating	Tube material			-	Stainless steel (DIN 1.4404)
		Face area	m^2		-	1
		Internal coil volume	l		-	4
		Operating pressure	bar		-	3
		Average specifc thermal output	W/K		-	280

Contains fluorinated greenhouse gases

EKS(V/H)-P

Solar collector

Thermal solar collector for hot water production

› Solar collectors can produce up to 70% of the energy needed for hot water production - a major cost saving
› Horizontal and vertical solar collector for domestic hot water production
› High efficiency collectors transfer all the short-wave solar radiation into heat as a result of their highly selective coating
› Easy to install on roof tiles

Accessory		EKSV/EKSH	21P	26P	
Mounting			Vertical		Horizontal
Dimensions	Unit	HeightxWidthxDepth mm	1,006x85x2,000		2,000x85x1,300
Weight	Unit	kg	33	42	
Volume		l	1.3	1.7	2.1
Surface	Outer	m^2	2.01	2.60	
	Aperture	m^2	1.800	2.360	
	Absorber	m^2	1.79	2.35	
Coating			Micro-therm (absorption max. 96%, Emission ca. 5% +/-2%)		
Absorber			Harp-shaped copper pipe register with laser-welded highly selective coated aluminium plate		
Glazing			Single pane safety glass, transmission +/- 92%		
Allowed roof angle	Min.~Max.	°	15~80		
Operating pressure	Max.	bar	6		
Stand still temperature	Max.	°C	192		
Thermal performance	collector efficiency (ηcol)	%	61		
	Zero loss collector efficiency η0	%	0.781	0.784	
	Heat loss coefficient a1	$W/m^2.K$	4.240	4.250	
	Temperature dependence of the heat loss coefficient a2	$W/m^2.K^2$	0.006	0.007	
	Thermal capacity	kJ/K	4.9	6.5	
Auxiliary	Solpump	W	-		
	Solstandby	W	-		
	Annual auxiliary electricity consumption Qaux	kWh	-		

Contains fluorinated greenhouse gases

EKSRDS2A/EKSRPS4A

Pump station

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


EKSRPS4A

Accessory		EKSRPS4A/EKSRDS2A	EKSRPS4A	EKSRDS2A
Mounting			On side of tank	On wall
Dimensions	Unit	HeightxWidthxDepth mm	815x142x230	410x314x154
Weight	Unit	kg	6.4	6
Operation range	Ambient temperature	Min.~Max. °C	5~40	0~40
Operating pressure	Max.	bar	-	6
Stand still temperature	Max.	°C	85	120
Thermal performance	collector efficiency (ηcol)	%	-	
	Zero loss collector efficiency η0	%	-	
Control	Type		Digital temperature difference controller with plain text display	
	Power consumption	W	2	5
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/230	/50/230
Sensor	Solar panel temperature sensor		Pt1000	
	Storage tank sensor		PTC	-
	Return flow sensor		PTC	-
	Feed temperature and flow sensor		Voltage signal (3.5V DC)	-
Power supply intake			Indoor unit	
Auxiliary	Solpump	W	37.3	23
	Solstandby	W	2.00	5.00
	Annual auxiliary electricity consumption Qaux	kWh	92.1	89

Contains fluorinated greenhouse gases

R-32

		VRV S-series	VRV IV Heat Recovery				
		RXYSA-AV1/AY1	REYQ 8~12	REYQ 14~20	REMQ5	2-module systems	3-module systems
Kits	**Multi-module connection kit (obligatory)** - Connects multiple modules into a single refrigerant system					BHFQ23P907	BHFQ23P1357
Kits	**Extended level difference kit -** Allows outdoor unit to be more than 50m above indoor units		Special order unit				
Kits	**Central drain pan kit** - Installs onto the underside of the outdoor unit and collects drain water from all bottom plate outlets into a single outlet. In cold areas should be heated by a field-supplied heater to prevent drain water from freezing in the drain pan.						
Kits	**Heater tape kit** - Optional electrical heater to guarantee trouble-free operation in extremely cold and humid climates (one per outdoor unit needed)	EKBPH250D	EKBPH012T7A	EKBPH020T7A	EKBPH012T7A		
Kits	**BHGP26A1** Digital pressure gauge kit – displays current condensing and evaporating pressures in the system as Standard, or expansion valve positions and temperature sensor data in a special service mode. Connect to the outdoor unit PCB, for installation in the outdoor unit.		•	•	•	1 kit per system	1 kit per system
Adapters	**External control adapter for outdoor unit** - Allows to activate Low Noise Operation and three levels of demand control, limiting power consumption via external dry contacts. Connects to the F1/F2 communication line and requires power supply from an indoor unit, BSVQ box, or VRV-WIII outdoor unit.	DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. For 14-20 HP the demand PCB mouting plate is required. See Options & Accessories of indoor units					
Adapters	**KRC19-26A** Mechanical cool/heat selector – allows to switch an entire Heat Pump system, or one BS-box of a Heat Recovery system between cooling, heating and fan only. Connects to the A-B-C terminals of the outdoor unit / BS-box.	•					
Adapters	Cool/heat selector PCB (required to connect KRC19-26A)	Standard on unit					
Adapters	**KKSA26A560*** Cool/heat selector PCB mounting plate (only required when cool/heat selector PCB and Heater tape kit are combined)						
Others	**KJB111A** Installation box for remote cool/heat selector KRC19-26A	•					
Others	**EKCHSC** - Cool/heat selector cable						
Others	**EKPCCAB4** VRV configurator	•	•	•	•	•	•
Others	**KKSB26B1*** Demand PCB mounting plate. Needed to mount Demand PCB for one or more outdoor units.						
Others	**DTA109A51** DIII-net expander adapter		•	•	•	•	•
Others	**BPMKS967A2/A3** Branch provider (for connection of 2/3 RA indoor units)						
Others	**EKDK04** Drain plug kit						

		VRV IV S-series		
		RXYSCQ-TV1	RXYSQ4-6TV9	RXYSQ4-6TY9
Kits	**Multi-module connection kit (obligatory)** - Connects multiple modules into a single refrigerant system			
Kits	**Extended level difference kit -** Allows outdoor unit to be more than 50m above indoor units			
Kits	**Central drain pan kit** - Installs onto the underside of the outdoor unit and collects drain water from all bottom plate outlets into a single outlet. In cold areas should be heated by a field-supplied heater to prevent drain water from freezing in the drain pan.			
Kits	**Heater tape kit** - Optional electrical heater to guarantee trouble-free operation in extremely cold and humid climates (one per outdoor unit needed)			
Kits	**BHGP26A1** Digital pressure gauge kit – displays current condensing and evaporating pressures in the system as Standard, or expansion valve positions and temperature sensor data in a special service mode. Connect to the outdoor unit PCB, for installation in the outdoor unit.			
Adapters	**External control adapter for outdoor unit** - Allows to activate Low Noise Operation and three levels of demand control, limiting power consumption via external dry contacts. Connects to the F1/F2 communication line and requires power supply from an indoor unit, BSVQ box, or VRV-WIII outdoor unit.	DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. See Options & Accessories of indoor units		
Adapters	**KRC19-26A** Mechanical cool/heat selector – allows to switch an entire Heat Pump system, or one BS-box of a Heat Recovery system between cooling, heating and fan only. Connects to the A-B-C terminals of the outdoor unit / BS-box.		•	•
Adapters	Cool/heat selector PCB (Required to connect KRC19-26A)		EBRP2B	
Adapters	**KKSA26A560*** Cool/heat selector PCB mounting plate (only required when cool/heat selector PCB and Heater tape kit are combined)			
Others	**KJB111A** Installation box for remote cool/heat selector KRC19-26A		•	•
Others	**EKCHSC -** Cool/heat selector cable (Required to connect KRC19-26A)			•
Others	**EKPCCAB4** VRV configurator	•	•	•
Others	**KKSB26B1*** Demand PCB mounting plate. Needed to mount Demand PCB for one or more outdoor units.			
Others	**DTA109A51** DIII-net expander adapter			
Others	**BPMKS967A2/A3** Branch provider (for connection of 2/3 RA indoor units)	•	•	•
Others	**EKDK04** Drain plug kit		•	•

VRV IV with continuous heating						VRV IV without continuous heating				VRV IV C+series			
RYYQ8-12	RYYQ14-20	RYMQ8-12	RYMQ14-20	2-module systems	3-module systems	RXYQ8-12	RXYQ14-20	2-module systems	3-module systems	RXYLQ	RXMLQ	2-module systems	3-module systems
				BHFQ22P1007	BHFQ22P1517			BHFQ22P1007	BHFQ22P1517			BHFQ22P1007	BHFQ22P1517
EKBPH012T7A	EKBPH020T7A	EKBPH012T7A	EKBPH020T7A			EKBPH012T7A	EKBPH020T7A						
•	•	•	•	1 kit per system	1 kit per system	•	•	1 kit per system	1 kit per system				
DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. For 14-20 HP the demand PCB mouting plate is required. See Options & Accessories of indoor units													
•	•	•	•	1 kit per system	1 kit per system	•	•	1 kit per system	1 kit per system	•	•	1 kit per system	1 kit per system
BRP2A81	BRP2A81	BRP2A81	BRP2A81	BRP2A81 (1 kit per system)	BRP2A81 (1 kit per system)	BRP2A81	BRP2A81	BRP2A81 (1 kit per system)	BRP2A81 (1 kit per system)	BRP2A81	BRP2A81	BRP2A81 (1 kit per system)	BRP2A81 (1 kit per system)
	•		•	1 kit per system	1 kit per system		•	1 kit per system	1 kit per system				
•	•	•	•	1 kit per system	1 kit per system	•	•	1 kit per system	1 kit per system	•	•	1 kit per system	1 kit per system
•	•	•	•	•	•	•	•	•	•	•	•	•	•
	•		•				•						
•	•	•	•	•	•	•	•	•	•				
•	•					•	•			•	•		

	VRV IV i-series SB.RKXYQ			
RXYSQ8-12TY1	RDXYQ5	RDXYQ8	RKXYQ5	RKXYQ8
	EKDPH1RDX	EKDPH1RDX		
DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. See Options & Accessories of indoor units				
			•	•
				BRP2A81
			•	•
•			•	•
•				

		VRV IV-Q Heat Pump Replacement VRV				
		RQYQ 140P	RXYQQ8-12	RXYQQ14-20	2-module systems	3-module systems
Kits	**Multi-module connection kit (obligatory)** Connects multiple modules into a single refrigerant system				BHFQ22P1007	BHFQ22P1517
	Central drain pan kit - Installs onto the underside of the outdoor unit and collects drain water from all bottom plate outlets into a single outlet. In cold areas should be heated by a field-supplied heater to prevent drain water from freezing in the drain pan.	KWC26B160				
	Heater tape kit - Optional electrical heater to guarantee trouble-free operation in extremely cold and humid climates (one per outdoor unit needed)		EKBPH012T7A	EKBPH020T7A		
	BHGP26A1 Digital pressure gauge kit – displays current condensing and evaporating pressures in the system as Standard, or expansion valve positions and temperature sensor data in a special service mode. Connect to the outdoor unit PCB, for installation in the outdoor unit.	•	•	•	1 kit per system	1 kit per system
Adapters	**External control adapter for outdoor unit** - Allows to activate Low Noise Operation and three levels of demand control, limiting power consumption via external dry contacts. Connects to the F1/F2 communication line and requires power supply from an indoor unit*, BSVQ box, or VRV-WIII outdoor unit.	DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. For 14-20 HP the demand PCB mouting plate is required. See Options & Accessories of indoor units	DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. For 14-20 HP the demand PCB mouting plate is required. See Options & Accessories of indoor units			
	KRC19-26A Mechanical cool/heat selector – allows to switch an entire Heat Pump system, or one BS-box of a Heat Recovery system between cooling, heating and fan only. Connects to the A-B-C terminals of the outdoor unit / BS-box.	•	•	•	1 kit per system	1 kit per system
	BRP2A81 Cool/heat selector PCB (required to connect KRC19-26A to VRV IV outdoor)		•	•	1 kit per system	1 kit per system
	KKSA26A560* - Cool/heat selector PCB mounting plate (only required when cool/heat selector PCB and Heater tape kit are combined)			•	1 kit per system	1 kit per system
Others	**KJB111A** Installation box for remote cool/heat selector KRC19-26A	•	•	•	1 kit per system	1 kit per system
	EKPCCAB4 VRV configurator		•	•	•	•
	KKSB2B61* Demand PCB mounting plate. Needed to mount Demand PCB for one or more outdoor units.			•		
	DTA109A51 DIII-net expander adapter	•	•	•	•	•

Refnets & branch selector boxes

		Refnet Joints				Refnet Headers	
		Capacity index < 200	Capacity index 200 ≤ x < 290	Capacity index 290 ≤ x < 640	Capacity index > 640	Capacity index < 290	Capacity index 290 ≤ x < 640
Refnets	Metric-size connections for heat pump systems (2-pipe)	KHRQM22M20T	KHRQM22M29T	KHRQM22M64T	KHRQM22M75T	KHRQM22M29H	KHRQM22M64H
	Imperial-size connections for heat recovery pump (2-pipe)	KHRQ22M20T	KHRQ22M29T9	KHRQ22M64T	KHRQ22M75T	KHRQ22M29H	KHRQ22M64H
	Metric-size connections for heat recovery systems (3-pipe)	KHRQM23M20T	KHRQM23M29T	KHRQM23M64T	KHRQM23M75T	KHRQM23M29H	KHRQM23M64H
	Imperial-size connections for heat recovery systems (3-pipe)	KHRQ23M20T	KHRQ23M29T9	KHRQ23M64T	KHRQ23M75T	KHRQ23M29H	KHRQ23M64H
Options for Branch selector boxes (BS box) (only for connection with VRV heat recovery system)	**EKBSVQLNP** Sound reduction kit (sound insulation)						
	KHFP26A100C Closed pipe kit						
	KHRP26A1250C Joint kit						
	Quiet kit						

(1) For installations with special requirements towards fire regulations, the insulation material can be replaced using kits EKHBFQ1 and EKHBFQ2.
The kits contain insulation material that complies with EN13501-1:B-S3,d0 and BS476-7 (class 1)

VRV III-Q Heat Recovery Replacement VRV				VRV-W IV Water-cooled VRV				
					Heat Pump application		Heat Recovery application	
RQEQ 140~212	2-module systems	3-module systems	4-module systems	RWEYQ8-14	2-module systems	3-module systems	2-module systems	3-module systems
	BHFP26P36C	BHFP26P63C	BHFP26P84C		BHFQ22P1007 / BHFQ22P1517 (1)	BHFQ22P1517 (1)	BHFQ23P907 / BHFQ23P1357 (1)	BHFQ23P1357 (1)
•	1 kit per system	1 kit per system	1 kit per system					
DTA104A53/61/62 Installation in the RWEYQ outdoor unit possible. For installation in indoor units, use appropriate type (DTA104A53/61/62) for particular indoor unit. See Options & Accessories of indoor units								
				• (for H/P only)	1 kit per system	1 kit per system		
				• (for H/P only)	1 kit per system	1 kit per system		
				• (for H/P only)	1 kit per system	1 kit per system		
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•

	Heat Recovery Branch Selector Boxes (BS-Boxes)						
Capacity index	1-port	4-port	6-port	8-port	10-port	12-port	16-port
> 640	BS1Q-A	BS4Q14AV1B	BS6Q14AV1B	BS8Q14AV1B	BS10Q14AV1B	BS12Q14AV1B	BS16Q14AV1B
KHRQM22M75H							
KHRQ22M75H							
KHRQM23M75H							
KHRQ23M75H							
	•						
		•	•	•	•	•	•
		•	•	•	•	•	•
		KDDN26A4	KDDN26A8	KDDN26A8	KDDN26A12	KDDN26A12	KDDN26A16

		Ceiling mounted cassette units				
		Round flow (800x800)	4-way (600x600)	2-way blow		
		FXFA-A / FXFQ-B	FXZA-A / FXZQ-A	FXCQ 20~40A	FXCQ 50~63A	FXCQ 80 ~125A
Panels	Decoration panel (obligatory for cassette units, optional for others, rear panel for FXLQ)	Standard panels: BYCQ140E (white) / BYCQ140EW (full white)(3) / BYCQ140EB (black) Auto cleaning (5)(6): BYCQ140EGF (white) / BYCQ140EGFB (black) Designer panels: BYCQ140EP (white) / BYCQ140EPB (black)	R-410A model: BYCQ60C2W1W (white panel) BYCQ60C2W1S (grey panel) BYFQ60B3W1 (standard panel) R-32 model: BYCQ60C4W1W (white panel) (19) BYCQ60C4W1S (grey panel) (19) BYFQ60B3W1 (standard panel) (20)	BYBCQ40H	BYBCQ63H	BYBCQ125H
	Panel spacer for reducing required installation height		KDBQ44B60 (Standard panel)			
	Sealing kit for 3- or 2-directional air discharge	KDBHQ56B140 (7)	BDBHQ44C60 (white & grey panel)			
	Sensor kit	BRYQ140B (white panels) BRYQ140BB (black panels) BRYQ140C (white designer panel) BRYQ140CB (black designer panel)	R-410A models: BRYQ60A2W (white) BRYQ60A2S (grey) R-32 models: BRYQ60A3W (white) BRYQ60A3S (grey)			
Individual control systems	Infrared remote control (incl. receiver)	BRC7FA532F (white panels) BRC7FA532FB (black panels) BRC7FB532F (white designer panel) BRC7FB532FB (black designer panel)	BRC7F530W (9) (10) (white panel) BRC7F530S (9) (10) (grey panel) BRC7EB530W (9) (10) (standard panel)	BRC7C52	BRC7C52	BRC7C52
	BRP069C51 - Online controller	● (R-32 model only)	● (R-32 model only)			
	Madoka **BRC1H52W** (White) / **BRC1H52S** (Silver) / **BRC1H52K** (Black) User-friendly wired remote controller with premium design	● (mandatory for R-32)	● (mandatory for R-32)	●	●	●
	BRC1E53A/B/C - Wired remote control with full-text interface and back-light	● (18)	● (18)	●	●	●
	BRC1D52 (4) - Standard wired remote control with weekly timer	● (15)(18)	● (18)	●	●	●
Centralised control systems	**DCC601A51** - intelligent Tablet Controller	●	●	●	●	●
	DCS601C51 (12) - intelligent Touch Controller	●	●	●	●	●
	DCS302C51 (12) - Central remote controller	●	●	●	●	●
	DCS301B51 (12) (13) - Unified ON/OFF controller	●	●	●	●	●
	DST301B51 (12) - Schedule timer	●	●	●	●	●
Building Management System & Standard protocol interfaces — for individual control	**RTD-NET** - Modbus interface for monitoring and control	●	●	●	●	●
	RTD-10 - Modbus interface for infrastructure cooling	●	●	●	●	●
	RTD-20 - Modbus interface for retail	●	●	●	●	●
	RTD-HO - Modbus interface for hotel	●	●	●	●	●
	KLIC-DI - KNX Interface	●	●	●	●	●
Building Management System & Standard protocol interfaces — for central control	**DCM601A51** - intelligent Touch Manager	●	●	●	●	●
	EKMBDXB - Modbus interface	●	●	●	●	●
	DCM010A51 - Daikin PMS interface	●	●	●	●	●
	DMS502A51 - BACnet Interface	●	●	●	●	●
	DMS504B51 - LonWorks Interface	●	●	●	●	●
Filters	Replacement long life filter, non-woven type	KAFP551K160	KAFQ441BA60	KAFP531B50	KAFP531B80	KAFP531B160
	Auto cleaning filter	see decoration panel				
Wiring and sensors	**KRCS** - External wired temperature sensor	KRCS01-7B	R-410A model: KRCS01-4 R-32 model: KRCS01-8B	KRCS01-4	KRCS01-4	KRCS01-4
	K.RSS - External wireless temperature sensor	R-410A: K.RSS R-32: SB.K.RSS_RFC (EKEWTSC-2 + K.RSS)	R-410A: K.RSS R-32: SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	●	●	●
Adapters	Adapter with 2 output signals (Compressor / Error, Fan output)	KRP1BA58 (2)(7)	R-410A model: KRP1B57 R-32 model: ERP02A50 (2)			
	Adapter with 4 output signals (Compressor / Error, Fan, Aux. heater, Humidifier output)	EKRP1C12 (2)(7)	R-410A model: EKRP1B2 R-32 model: EKRP1C14 (2)	EKRP1B2	EKRP1B2	EKRP1B2
	Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-140Ω	KRP4A53 (2)(7)	KRP4A53 (2)	KRP4A51 (2)	KRP4A51 (2)	KRP4A51 (2)
	Adapter for external central monitoring/control (controls 1 entire system)		KRP2A52	KRP2A51 (2)	KRP2A51 (2)	KRP2A51 (2)
	Adapter for keycard and/or window contact connection (2)(11)	BRP7A53	BRP7A53	BRP7A51	BRP7A51	BRP7A51
	Adapter for multi-tenant applications (24VAC PCB power supply interface)	DTA114A61 (R-410A model only)	DTA114A61 (R-410A model only)			
	External control adapter for outdoor unit (installation on indoor unit)			DTA104A61	DTA104A61	DTA104A61
	Installation box / Mounting plate for adapter PCBs (For units where there is no space in the switchbox)	KRP1H98A (7) KRP1BC101	KRP1BB101 KRP1BC101	KRP1C96 (16) (17)	KRP1C96 (16) (17)	KRP1C96 (16) (17)
	Wiring kit for Remote ON/OFF or Forced OFF	Standard	Standard	Standard	Standard	Standard
	Relay PCB for output signal of refrigerant sensor	R-32 model only: ERP01A51	R-32 model only: ERP01A50 (2)			
Others	Drain pump kit	Standard	Standard	Standard	Standard	Standard
	Multi zoning kit (for detailed model code overview refer to multizoning argue card in this catalogue)					
	Fresh air intake kit (direct installation type)	KDDP55C160-1 + KDDP55D160-2 (7)(8)	KDDQ44XA60			
	Air discharge adapter for round duct					
	Filter chamber for bottom suction			KDDFP53B50	KDDFP53B80	KDDFP53B160

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

Corner (1-way blow)		Concealed ceiling units (duct units)					
		Slim	Medium ESP				
FXKQ 25~40MA	FXKQ 63MA	FXDA-A / FXDQ-A3	FXSA15-32A / FXSQ15-32A	FXSA40-50A / FXSQ40-50A	FXSA63-80A / FXSQ63-80A	FXSA100-125A / FXSQ100-125A	FXSA140A / FXSQ140A
BYK45F	BYK71F						
BRC4C61	BRC4C61	BRC4C65	BRC4C65	BRC4C65	BRC4C65	BRC4C65	BRC4C65
		●(R-32 model only)	●(R-32 model only)	●(R-32 model only)	●(R-32 model only)	●(R-32 model only)	●(R-32 model only)
●	●	●(mandatory for R-32)	●(mandatory for R-32)	●(mandatory for R-32)	●(mandatory for R-32)	●(mandatory for R-32)	●(mandatory for R-32)
●	●	●(18)	●(18)	●(18)	●(18)	●(18)	●(18)
●	●	●(18)	●(18)	●(18)	●(18)	●(18)	●(18)
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
		15-32: BAE20A62 40-50: BAE20A82 63: BAE20A102					
KRCS01-1	KRCS01-1	R-410A model: KRCS01-4 R-32 model: KRCS01-8B	KRCS01-4	KRCS01-4	KRCS01-4	KRCS01-4	KRCS01-4
●	●	R-410A: K.RSS R-32: SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	R-410A: K.RSS R-32: SB.K.RSS_RFC (EKEWTSC-2 + K.RSS)	R-410A: K.RSS R-32: SB.K.RSS_RFC (EKEWTSC-2 + K.RSS)	R-410A: K.RSS R-32: SB.K.RSS_RFC (EKEWTSC-2 + K.RSS)	R-410A: K.RSS R-32: SB.K.RSS_RFC (EKEWTSC-2 + K.RSS)	R-410A: K.RSS R-32: SB.K.RSS_RFC (EKEWTSC-2 + K.RSS)
KRP1B61	KRP1B61	R-410A model: KRP1B56 R-32 model: ERP02A50	R-410A model: EKRP1B2(2) R-32 model: EKRP1C14	R-410A model: EKRP1B2(2) R-32 model: EKRP1C14	R-410A model: EKRP1B2(2) R-32 model: EKRP1C14	R-410A model: EKRP1B2(2) R-32 model: EKRP1C14	R-410A model: EKRP1B2(2) R-32 model: EKRP1C14
KRP4A51	KRP4A51	KRP4A54-9	KRP4A52(2)	KRP4A52(2)	KRP4A52(2)	KRP4A52(2)	KRP4A52(2)
KRP2A51	KRP2A51	KRP2A53	KRP2A51(2)	KRP2A51(2)	KRP2A51(2)	KRP2A51(2)	KRP2A51(2)
BRP7A51	BRP7A51	BRP7A54	BRP7A51	BRP7A51	BRP7A51	BRP7A51	BRP7A51
		DTA114A61 (R-410A model only)	DTA114A61 (R-410A model only)	DTA114A61 (R-410A model only)	DTA114A61 (R-410A model only)	DTA114A61 (R-410A model only)	DTA114A61 (R-410A model only)
DTA104A61	DTA104A61	DTA104A53	DTA104A61	DTA104A61	DTA104A61	DTA104A61	DTA104A61
		KRP1BB101	KRP1BB101/ KRP1BC101	KRP1BB101/ KRP1BC101	KRP1BB101/ KRP1BC101	KRP1BB101/ KRP1BC101	KRP1BB101/ KRP1BC101
Standard	Standard		Standard	Standard	Standard	Standard	Standard
		R-32 model only: ERP01A51	R-32 model only: ERP01A50	R-32 model only: ERP01A50	R-32 model only: ERP01A50	R-32 model only: ERP01A50	R-32 model only: ERP01A50
Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
		▪(R-410A only)	▪(R-410A only)	▪(R-410A only)	▪(R-410A only)	▪(R-410A only)	▪(R-410A only)
			KDAP25A36A	KDAP25A56A	KDAP25A71A	KDAP25A140A	

(11) Only possible in combination with BRC1H* / BRC1E*
(12) When fixing box is required, use KJB212A, KJB311A or KJB411A depending on the size of the controller
(13) Option KEK26-1A (Noise filter) is required when installing DCS301B51
(14) Wire harnass EKEWTSC is necessary
(15) The active airflow circulation function is not available for this controller.
(16) Up to 2 adaptor PCBs can be installed per installation box
(17) Only one installation box can be installed per indoor unit
(18) VRV R-32 indoor units cannot be connected to this controller
(19) The BYFQ60C4* R-32 panels can be connected to R-410A indoor units with wire harness EKRS22
(20) Wire harness EKRS23 is necessary