DAIKIN

Perfecting the Air
Kenyamanan Tanpa Batas

Warning

- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the user's manual carefully before using this product. The user's manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

Notice

- About harmonics, since this product is equipped with an inverter, harmonics will be generated. If local laws require the suppression of harmonics on the building, please take harmonic suppression measures on the electrical equipment side. Please contact your local sales company for details.
- This product is specialized cooling for people only. It is not recommended for certain application with special requirement such as production room, surgery room, server room, food storage, laboratories, artwork installation and other rooms with special requirement.
- If used for special rooms that require high precision of temperature and humidity, dedicated AC system must be used. It is not recommended to use other AC system since the temperature & humidity precision may not be guaranteed.
- To reach optimum function, this product must operate and function in accordance with the specification listed and specified in the manual & engineering book. The product may operate at a capacity other than the specified operating instructions, however a precise temperature and humidity may not be achieved.

If you have any enquiries, please contact your local importer, distributor and/or retailer.

AUTHORIZED DEALER

Cautions on product corrosion

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.

VRV is a trademark of Daikin Industries, Ltd.
VRV Air Conditioning System is the world's first individual air conditioning system with variable refrigerant flow control and was commercialised by Daikin in 1982.
VRV is the trademark of Daikin Industries, Ltd., which is derived from the technology we call "variable refrigerant volume."

Spesifications, designs and other content appearing in this brochure are current as of August 2025 but subject to change without notice.

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DAIKIN CONTACT CENTER

Jam Beroperasi:
Senin - Jumat: 07:00 - 19:00 WIB
Sabtu - Minggu & Libur Nasional: 07:00 - 17:00 WIB

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DAIKIN

Perfecting the Air
Kenyamanan Tanpa Batas

DIDPCTVMT2507

Saves More Energy and Delivers Exceptional Performance



Green Label Indonesia

Platinum Certification

VRV 6 X SERIES

RXUQ6-60BY14

JAPAN QUALITY

R-410A

Cooling Only 50 Hz

VRV 6 X SERIES

Next Generation *VRV* System

High Efficiency

New ***VRV*** 6 X series has achieved significant energy savings with improved technology. In a design that is more compact and lightweight, the operating performance has been improved in all directions by introducing unique ideas, technologies and a wide variety of functions to strengthen design flexibility, easy installation and reliability.

VRV 6 X series provides higher benefits to various users related to air conditioning systems, for example, building owners, consultants, installers and building managers.





Higher Benefits for Everyone Involved

Upgraded Casing

Reduces the lifecycle cost with more compact combination.



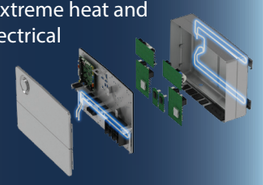
Maximum Energy Efficiency

Achieves the new standard of energy efficiency ratio (EER) up to 5.37 and enhanced energy efficiency during actual operation (low load) with a new compressor, new heat exchanger and VRT Smart II control.



Durable, Stable, Reliable

Operates optimally even in extreme heat and humidity with IP55 sealed electrical component box, expanded operation temperature range, and backup operations.



Flexible Design & Easy Installation

Improves workability with long and flexible piping and optimised parts layout.



For OWNERS





Lifecycle Cost & Comfort

New Casing

- Offers advanced design and new structure with excellent workability.



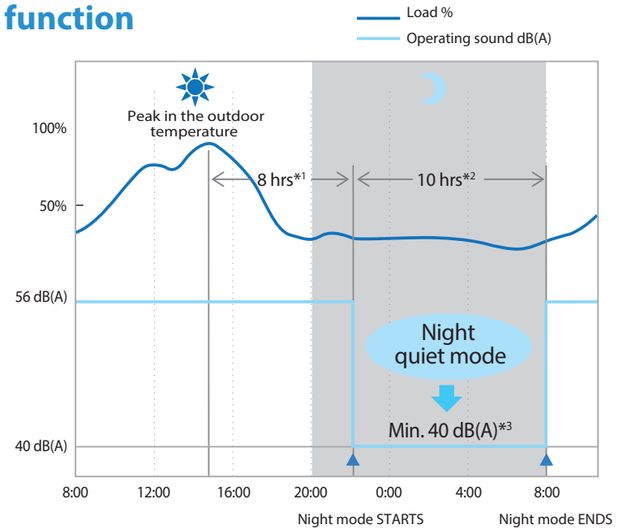
Energy Saving Technology

- Further improvement of energy saving by high efficiency compressor, new heat exchanger and VRT Smart II control.



Nighttime quiet operation function

The nighttime quiet operation function automatically suppresses the nighttime operating sound by reducing operation capacity to maintain the quiet environment of the neighborhood. Three selectable modes are available depending on the required level.



For BUILDING MANAGERS

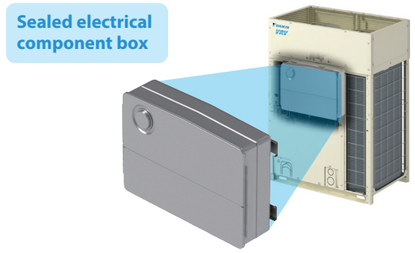




Reliability & Comfort

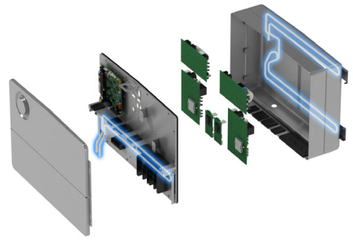
IP55 Sealed Component Box

- Sealed electrical component box (IP55) blocks the ingress of debris or water, that leads to unexpected failures.



Refrigerant Piping Cooling System

- Refrigerant cooling circuit enables operation in high outdoor temperatures.

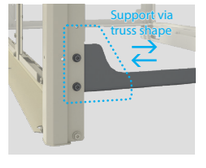


New reinforced design

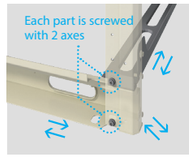
The frame structure has been strengthened to improve resistance to earthquakes and wind while protecting against falling damage.



1 Minimises horizontal wobbling



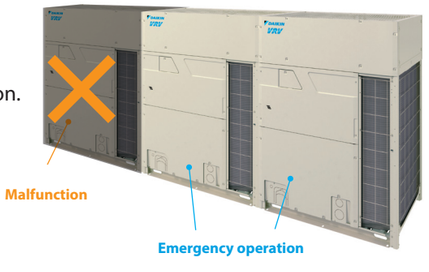
2 Minimises vibration from various angles



Double backup operation functions

Unit backup & Compressor backup ensure continuous operation.

Unit backup operation function



For CONSULTANTS

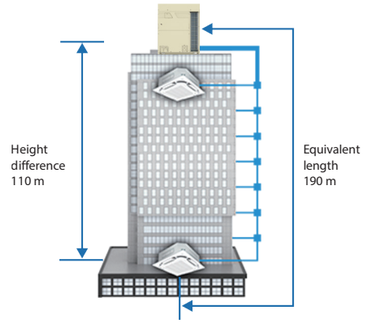




Flexible Design & Engineering Support

Long Refrigerant Piping

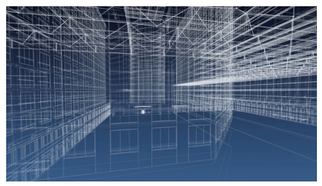
- Equivalent length max. 190 m
- Height difference extension max. 110 m (20 m longer than conventional models)
- By applying for both at the same time, supports a wide range of applications.



Engineering Support

- Strongly supports for facility design, offering model selection assistance, energy saving and IEQ simulations, drawing support, etc.





Model Selection
BIM Support and Tools
Analysis and Simulation

Varied Lineup of Indoor Units

- With various types of indoor units available, comfortable airflow is ensured in every space.



For INSTALLERS

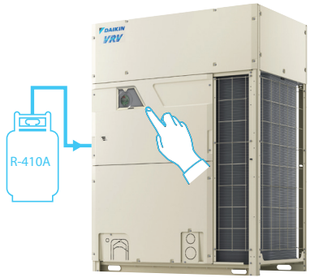




Easy Installation

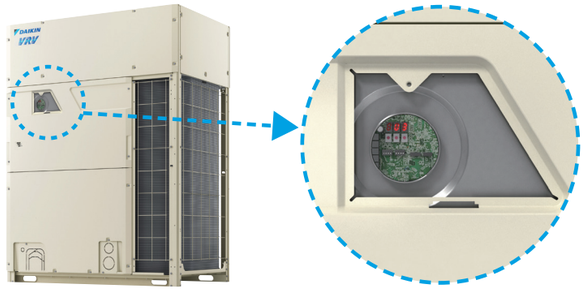
Automatic refrigerant charging

- Workflow has been redesigned to reduce number of operations on-site, shortening the average time needed for refrigerant charge and test run.



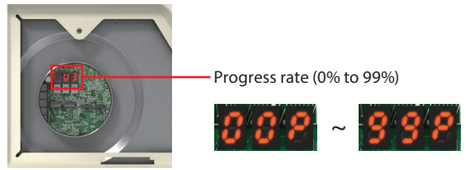
Electrical Component Service Window

- Easy access to the main PCB without removing the front panel.
- Quick field setting and trial operation.



Process visualization (Test run only)

- A progress rate (0% to 99%) is indicated on the PC board for Easy arrangement for on-site work.



New Casing

Offers advanced design and new structure with excellent workability.



RXUQ6,8BY14



RXUQ10,12,14,16,18,20BY14

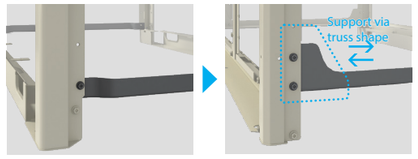
RXUQ-BY14: 3-phase, 4-wire system, 380-415 V, 50 Hz

New reinforced design

The frame structure has been strengthened to improve resistance to earthquakes and wind while protecting against falling damage.



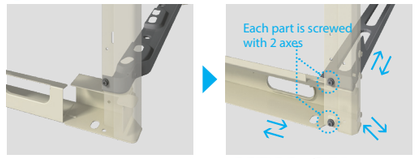
1 Minimises horizontal wobbling



Conventional models

VRV 6 X SERIES

2 Minimises vibration from various angles

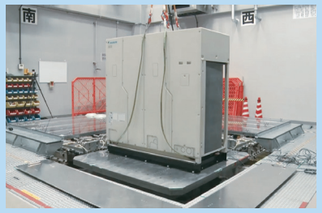


Conventional models

VRV 6 X SERIES

Strongly resists earthquakes

Withstands 7 seismic intensity earthquakes※1



Evaluation: National Institute of Technology and Evaluation (NITE), an independent Japanese administrative institution

A vibration test conducted on a Japanese model*1 used vibration equivalent to a 7 seismic intensity earthquake to confirm no damage or effect to the refrigerant or electrical systems while showing the unit remained in good operating condition.

Strongly resists high winds

Withstands 60 m/s winds※2

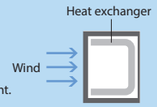


An experiment conducted on a Japanese model used a force equivalent to a wind speed of 60 m/s to confirm that there was no risk of the unit falling over or suffering damage to any of its parts.

Cross-sectional images of the outdoor unit from above

Wind blowing from the front

The unit remains upright even when hit with a force equivalent to a wind speed of 60 m/s from the front.



Wind blowing from the rear

The front panel remains attached even when hit with a force equivalent to a wind speed of 60 m/s from the rear.



*1 Vibration tests were conducted on the Japanese model, recreating the seismic waveforms of the area (Kurihara City, Miyagi Prefecture) where the maximum seismic intensity of the Great East Japan Earthquake was recorded.
• The magnitude of an earthquake depends not only on its intensity but also on its gal (acceleration) and natural period. Please inspect the outdoor unit after an earthquake occurs.
*2 The outdoor unit should be installed on a concrete surface on the ground or on a mounting surface with equal or greater strength.

Outdoor unit combination

Standard Type

System capacity		Number of units	Single module (HP)							
HP	kW		6	8	10	12	14	16	18	20
6	16.0	Single	●							
8	22.4			●						
10	28.0				●					
12	33.5					●				
14	40.0						●			
16	45.0							●		
18	50.0								●	
20	56.0									●
22	61.5	Double			●	●				
24	67.0					●●				
26	73.5					●	●			
28	78.5					●		●		
30	83.5					●			●	
32	89.5					●				●
34	96.0						●			●
36	101							●		●
38	106								●	●
40	112									●●
42	117	Triple				●●			●	
44	123					●●				●
46	129					●	●			●
48	134					●		●		●
50	139					●			●	●
52	145					●				●●
54	152						●			●●
56	157							●		●●
58	162								●	●●
60	168									●●●

Free Combination Type (for General)

Free combination capability, making it suitable for both small and large-scale projects.

Example) 30 HP Standard combination 12 HP + 18 HP
Free combination 14 HP + 16 HP or 10 HP + 20 HP

Notes:
1. Free combination is applicable for all markets
2. The actual piping length for Free Combination must not exceed 135 m.
3. A maximum of 3 units can be connected in a Free Combination.

Energy Savings

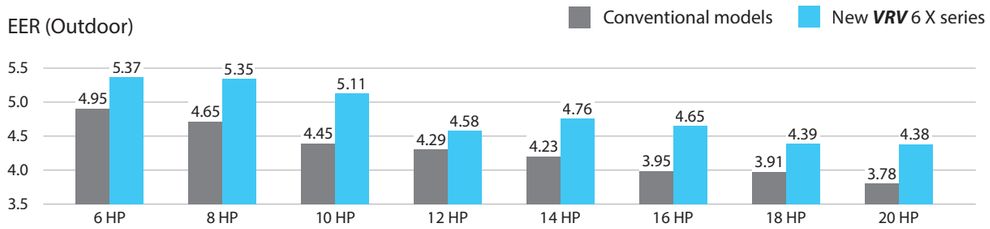
Improves Energy Efficiency Ratio (EER)

New ***VRV*** 6 X series improve energy efficiency during actual operation (low load), equipped with a new compressor, new heat exchanger and VRT Smart II control.

Outdoor unit	6 HP	8 HP	10 HP	12 HP
EER (Outdoor)	5.37	5.35	5.11	4.58

Outdoor unit	14 HP	16 HP	18 HP	20 HP
EER (Outdoor)	4.76	4.65	4.39	4.38

Achieve about 12.9% energy efficiency ratio (EER) improvement on average



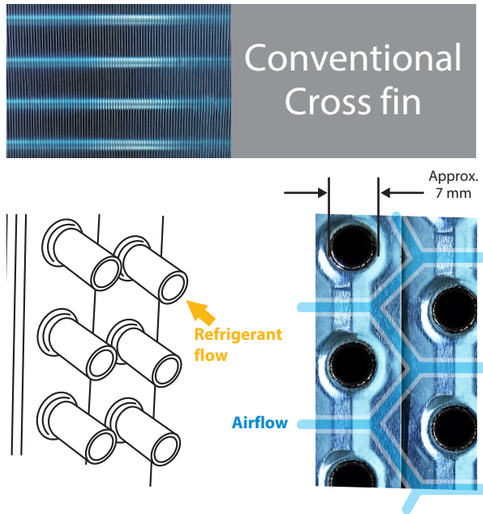
Silver HeatX Hardware technology

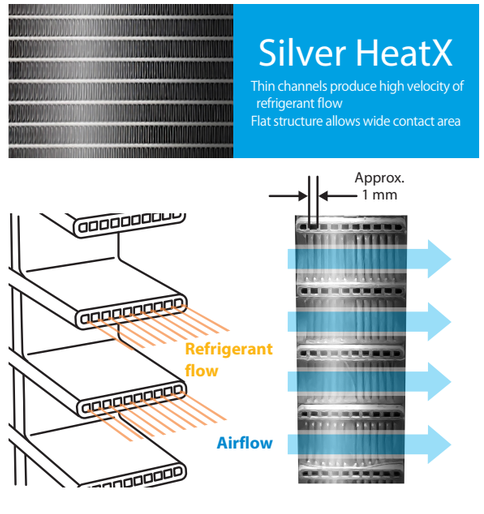
Silver HeatX is a Parallel Flow Condenser (PFC) heat exchanger designed for the new ***VRV*** 6 X series. It enhances energy efficiency, sustainability, and durability, ensuring long-term performance and cost-effectiveness, making it ideal for modern HVAC systems.



High Efficiency – Higher Heat Exchanging Performance

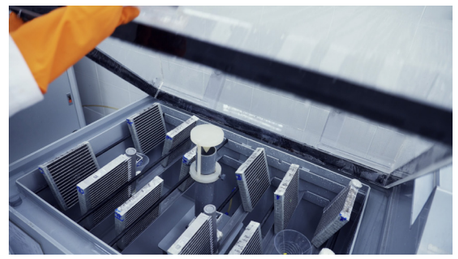
Silver HeatX has a distinctive structure with flat-thin channels creating a wider contact area for a larger heat transfer surface and allow a high velocity of the refrigerant flow to achieve maximum heat exchanging process while improving overall system efficiency.





Superior Corrosion Resistance for Long-Term Reliability

Silver HeatX is engineered to withstand extreme environmental conditions. Certified under ISO 12944-6:2018 and ISO 9227:2017, it has passed a rigorous 1,440-hour salt spray test (C5 level), demonstrating its ability to resist corrosion in the most demanding environments—such as coastal areas with salty air, industrial zones with high pollution, or regions with high humidity.
By reducing the risk of rust and surface damage over time, Silver HeatX helps extend the life of your equipment, lowers maintenance costs, and ensures stable performance in any climate. Its compliance with UL safety standards also adds an extra layer of reliability and peace of mind.



* Corrosion test at Underwriters Laboratory (UL), Thailand

Helps the Environment – Equivalent to Planting 388 Cedar Trees

By reducing refrigerant usage by up to 2.6 kg[*1], Silver HeatX cuts greenhouse gas emissions equivalent to the annual CO_2 absorption of approximately 388 cedar trees[*2], supporting global environmental conservation efforts.

31.3 % less refrigerant

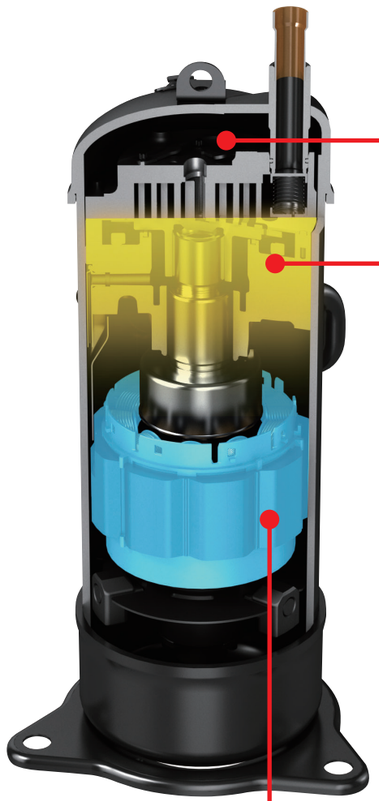


Notes: *1. Calculated based on the difference in refrigerant volume between RXUQ10AYM and RXUQ10BYM.
*2. CO_2 reduction is calculated based on the GWP of R-410A (2,088) and an estimated annual CO_2 absorption of 14 kg per cedar tree. Actual values may vary depending on tree species, age, environmental conditions, and refrigerant type.

Energy Savings

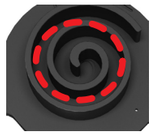
Hardware technology High Efficiency Compressor

New technologies increase seasonal efficiency and enable a compact design.



Improvement of the discharge port

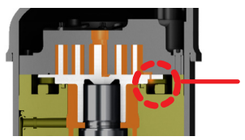
By improving the shape of the refrigerant discharge port, the pressure increase near the discharge port of the gas refrigerant after compression is suppressed and the compression loss is reduced.



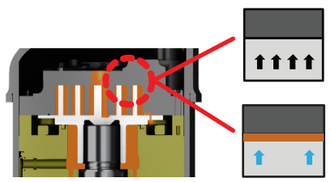
The compression loss of discharge port is reduced.

Optimising the back pressure control / New oil control function

In addition to the conventional intermediate pressure adjustment port, the pressing pressure of the orbiting scroll during operation has been optimised, and the newly adopted oil control mechanism has reduced gas leakage and mechanical loss.



Intermediate pressure adjustment port



- Optimised back pressure
- Less refrigerant leakage

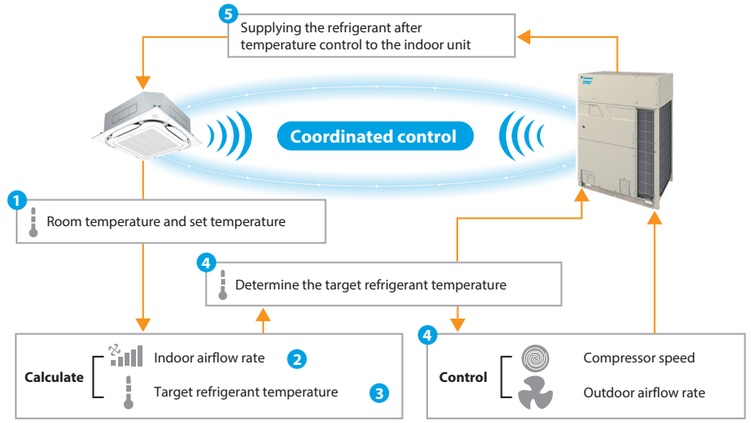
- Low back pressure
- Refrigerant leakage

Adoption of a high-performance concentrated motor

By adopting it, the coil circumference is greatly reduced, which makes the coil denser and thicker, and the electrical resistance of the coil is dramatically reduced to improve motor efficiency. Furthermore, the motor is light-weighted and downsized.

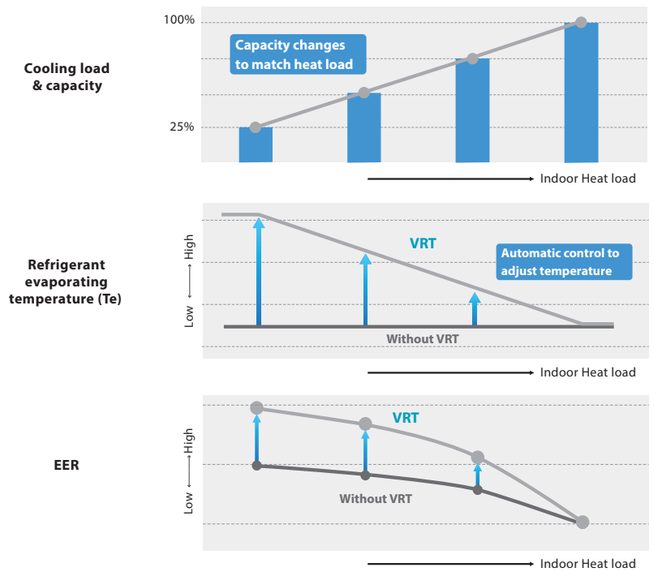
Software technology VRT Smart II control

Optimal supply exactly meets the required capacity of indoor units



1. Indoor unit will calculate capacity needed based on ΔT (Room temperature vs set temperature) and room temperature trend.
2. Indoor unit will try to regulate with fan speed control.
3. If fan cannot control speed, indoor unit request Te change from outdoor unit.
4. Outdoor unit determines the refrigerant temperature based on the demands, and controls the compressor speed and outdoor airflow rate to change the refrigerant temperature.
5. The outdoor unit supplies the refrigerant adjusted to moderate temperature to the indoor unit.

Greatly improved efficiency by adjusting the capacity by the refrigerant temperature



Required capacity changes according to indoor heat load.

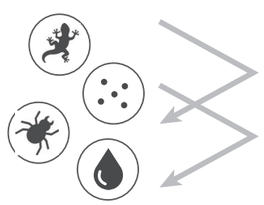
Automatic control adjusts refrigerant evaporating temperature to heat load change.

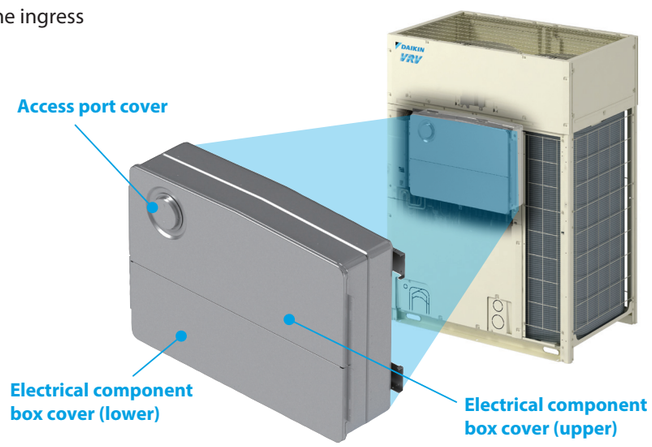
Reduction of excessive cooling and thermal losses increase EER.

Reliability

IP55-compliant sealed component box

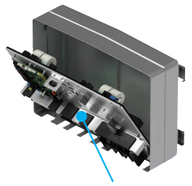
IP55 sealed component box protects electrical component from a cause of failure, that is the ingress of debris (lizards, bugs, sand, water).







Electrical component box



Electrical component mounting plate



PCB

The internal mounting plate is hinged, enabling easy maintenance of the PCB on the back.

What is IP55?

IP55 is the degree of dust and water protection for the electrical component box equipped within the outdoor unit.

IP55

Liquid ingress protection **Grade 5**

Water projected by a nozzle (6.3 mm) against enclosure from any direction shall have no harmful effects.

Solid particle protection **Grade 5**

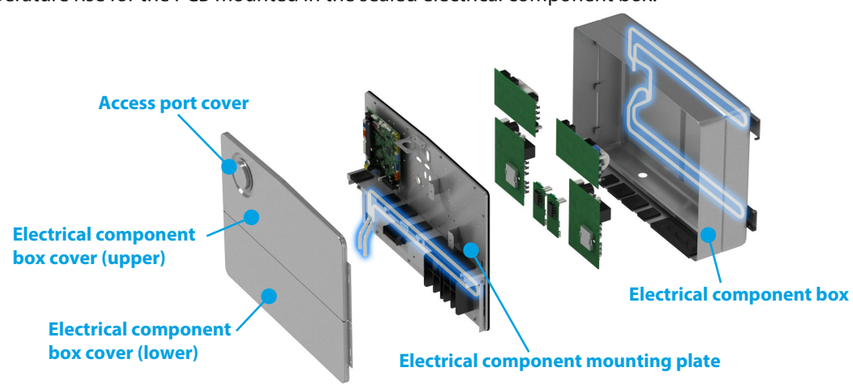
Ingress of dust is not entirely prevented, but it must not enter in sufficient quantity to interfere with the satisfactory operation of the equipment.

Ingress Protection

*IP55 is the protection degree of the electrical component box installed inside the outdoor unit. The protection grade of the outdoor unit is IP14 as well as the conventional model.

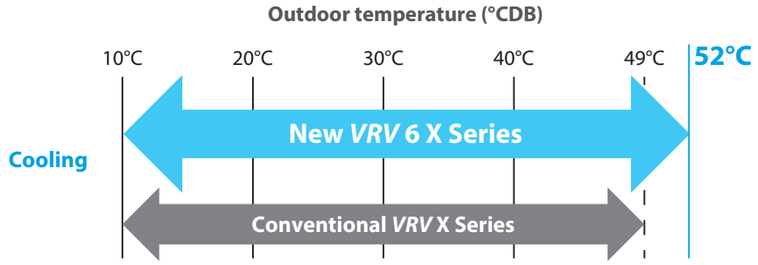
Enables operation in high outdoor temperature

Three refrigerant cooling circuits enable stable operation even in high outdoor temperatures by suppressing a temperature rise for the PCB mounted in the sealed electrical component box.



Expanded operation temperature range

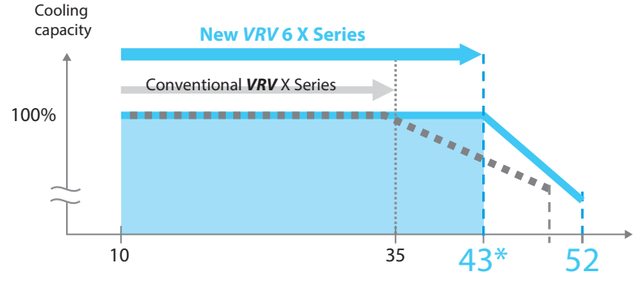
The outdoor operation temperature range is now extended from 49 to 52°C. This enables reliable operation even under high temperature conditions and a wider choice of installation locations.



Note: If the height difference between the outdoor units and the indoor units exceeds 90 m, the operating temperature range is up to 49°C (Outdoor units above indoor units only).

Keep rated cooling capacity in high outdoor temperature up to 43°C*

Rated cooling capacity can be maintained even when outdoor temperature is up to 43°C*.
*Rated cooling capacity for 16-20 HP is up to 42°C.



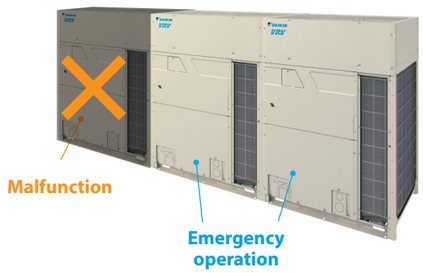
The new heat exchanger ensures sufficient cooling capacity even in high ambient temperatures.

Comfort

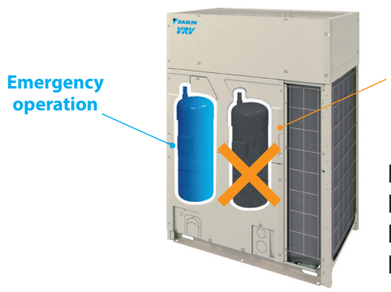
Double backup operation functions

Unit backup & Compressor backup ensure continuous operation.

Unit backup operation function



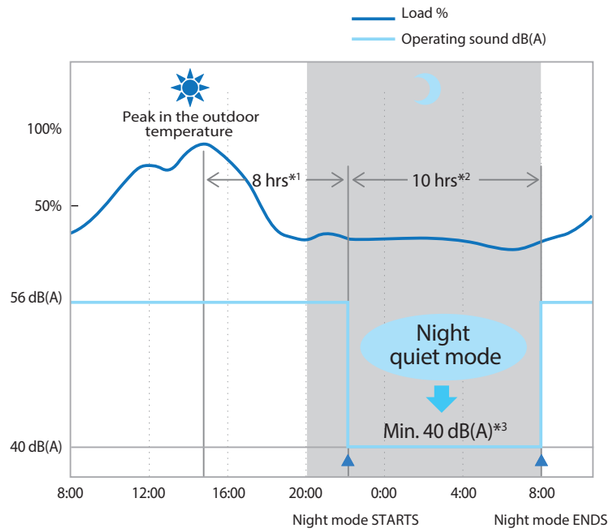
Compressor backup operation function



RXUQ14BY14
RXUQ16BY14
RXUQ18BY14
RXUQ20BY14

Nighttime quiet operation function

The nighttime quiet operation function automatically suppresses the nighttime operating sound by reducing operation capacity to maintain the quiet environment of the neighborhood.
Three selectable modes are available depending on the required level.



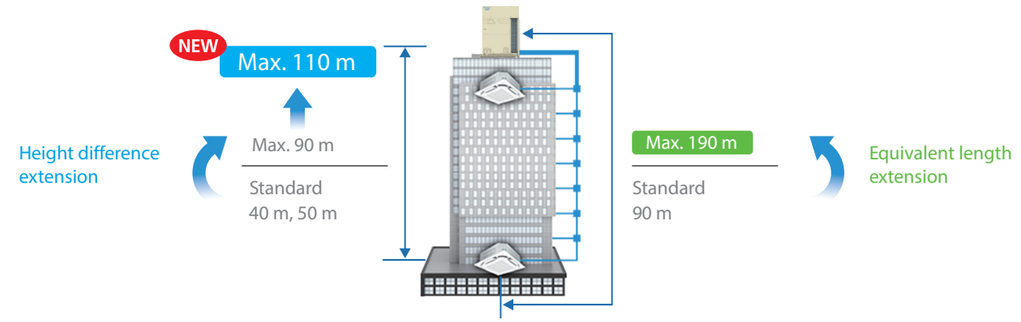
*1. Initial setting is 8 hours. Can be selected from 6, 8 and 10 hours.
*2. Initial setting is 9 hours. Can be selected from 8, 9 and 10 hours.
*3. 6-12 HP outdoor unit can maintain ≥ 30% of the rated capacity with the sound < 40 dB(A).
14-20 HP outdoor unit can maintain ≥ 30% of the rated capacity with the sound < 44 dB(A).

Notes: • This function is available in setting at site.
• The operating sound in quiet operation mode is the actual value measured by our company.
• The relationship of outdoor temperature (load) and time shown above is just an example.

Design Flexibility

Simultaneous extension of height difference and equivalent length

Design flexibility is further improved by simultaneous extension of height difference, improved from 90 m to 110 m, and equivalent length (up to 190 m).



• **Height difference extension** Max. 110 m

For height differences exceeding 50 m with the outdoor unit above the indoor unit and 40 m with the outdoor unit below, the main liquid piping size must be increased.

The operating temperature range is up to 49˚C (Outdoor units above indoor units only).
The minimum connection capacity index of the indoor unit shall be 62.5 (7.1 kW) or more (Outdoor units above indoor units only).

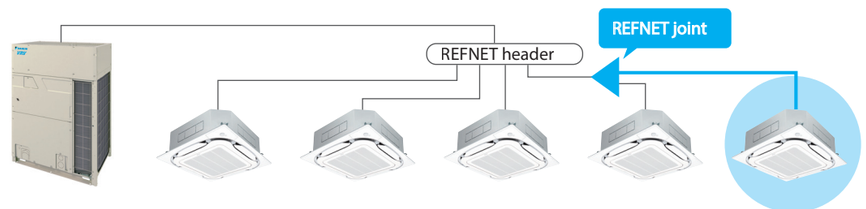
• **Equivalent length** Max. 190 m

When the equivalent piping length from outdoor unit to indoor unit is 90 m or more, be sure to increase the size of the liquid and gas pipes of the main piping.

* In addition to increasing the size of the main pipe, there are other piping restrictions regarding height difference extension and equivalent length. Check the Installation Manual for details.

REFNET header downstream branching supported

Piping branch by REFNET joint is possible downstream of REFNET header.
The indoor unit arrangement can be more flexible.



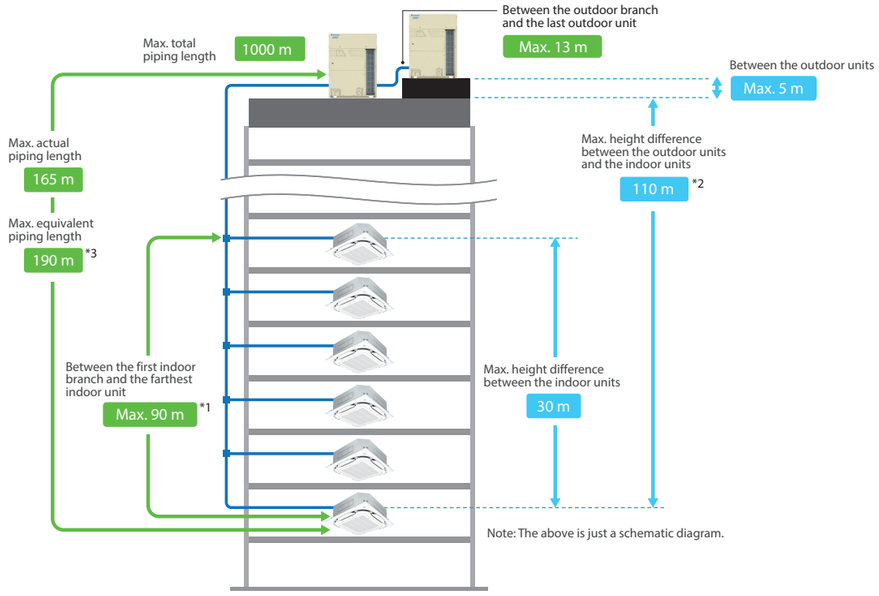
REFNET header	Indoor unit total capacity at REFNET joint
KHRP26M22H,KHRP26M33H,KHRP26M72H	< 50
KHRP26M73H + KHRP26M73HP	≤ 140

Design Flexibility

Long piping length

Long piping length enhances design flexibility, enabling support for large buildings.

Installation for ***VRV*** indoor units only



Maximum allowable piping length	Actual piping length (Equivalent)	165 m (190 m)*3
	Total piping length	1000 m
	Between the first indoor branch and the farthest indoor unit	90 m*1
	Between the outdoor branch and the last outdoor unit (Equivalent)	10 m (13 m)
Maximum allowable height difference	Between the outdoor units (Multiple use)	5 m
	Between the indoor units	30 m
	Between the outdoor units and the indoor units	110 m*2

*1. No special requirements up to 40 m. The maximum actual piping length can be 90 m, depending on conditions. Various conditions and requirements have to be met to allow utilisation of 90 m piping length. Be sure to refer to the Engineering Data Book for details of these conditions and requirements.
*2. When Height differences above 50 m if the outdoor unit is above the indoor unit and 40 m if the outdoor unit is below the indoor unit, a dedicated setting on the outdoor unit is required. Refer to the Engineering Data Book and contact your local dealer for more information.
*3. If equivalent piping length from outdoor unit to indoor unit is 90 m or more, make sure to size up the liquid and gas pipes of the main piping.

Connection ratio

Connection capacity at maximum is 200%.

Connection ratio 50%–200%

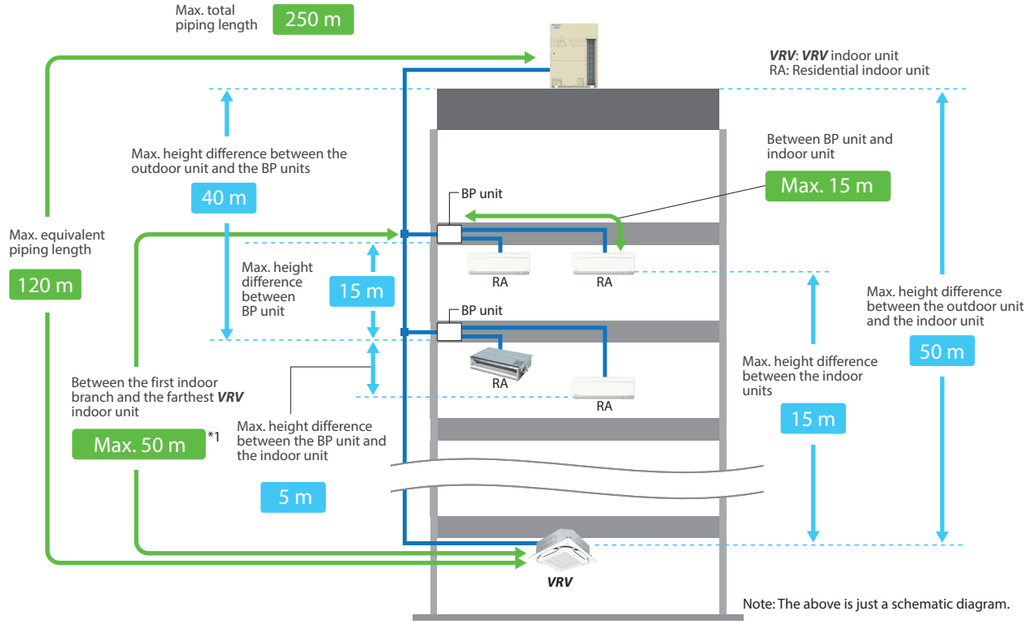
$$\text{Connection ratio} = \frac{\text{Total capacity index of the indoor units}}{\text{Capacity index of the outdoor units}}$$

Conditions of ***VRV*** indoor unit connection capacity

Applicable ***VRV*** indoor units	Indoor units: When using only the following models	Indoor units: Including at least one of the following models		Other ***VRV*** indoor unit models
	FXAQ, FXB(P)Q, FXD(S)Q, FXDBQ, FXSQ, FXMQ-PA	FXF(T)(R)(S)Q25A*1, FXVQ	FXFSQ25/50C	
Single outdoor units	200%	130%	105%	200%
Double outdoor units				160%
Triple outdoor units				130%

*1 FXF(T)(R)(S)Q-A models 32 class and above belong to "Other ***VRV*** indoor unit models" category.
Note: If the operational capacity of indoor units is more than 130%, low airflow operation is enforced in all the indoor units.
*Refer to the Engineering Data Book for max. connection ratio when Outdoor-Air Processing Unit is connected.
*Refer to page 23 for outdoor unit combination details.

Installation for mixed combination of ***VRV*** and residential indoor units



When a mixed combination of ***VRV*** and residential indoor units is connected

Maximum allowable piping length	Actual piping length (Equivalent)		100 m (120 m)
	Total piping length		250 m
	Between BP unit and indoor unit	If indoor unit capacity index < 60.	2 m–15 m
		If indoor unit capacity index is 60.	2 m–12 m
		If indoor unit capacity index is 71.	2 m–8 m
	Between the first indoor branch and the farthest BP unit or between the first indoor branch and the farthest ***VRV*** indoor unit		50 m*1
Minimum allowable piping length	Between outdoor unit and the first indoor branch		5 m
Maximum allowable height difference	Between the indoor units		15 m
	Between BP units		15 m
	Between the outdoor unit and the indoor unit	If the outdoor unit is above.	50 m
		If the outdoor unit is below.	40 m
	Between the outdoor unit and the BP unit		40 m
	Between the BP unit and the indoor unit		5 m

*1. If the piping length between the first indoor branch and BP unit or ***VRV*** indoor unit is over 20 m, it is necessary to increase the gas and liquid piping size between the first indoor branch and BP unit or ***VRV*** indoor unit. If the piping diameter of the sized up piping exceeds the diameter of the piping before the first indoor branch kit, then the latter also requires a liquid piping and gas piping size up. Please refer to Engineering Data Book for details.

* When a mixed combination of ***VRV*** and residential indoor units is connected or when only residential indoor units are connected, connection ratio must be 50% to 130%. Refer to Engineering Data Book for outdoor unit combination details.

Engineering Support

Design assistance and sales proposal

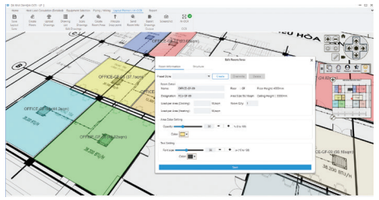
By providing not only excellent products but also engineering support, Daikin helps consultants and architects select ***VRV*** systems more appropriately and easily to enable more efficient operation and function.

Model Selection
BIM Support and Tools
Analysis and Simulation

Model Selection

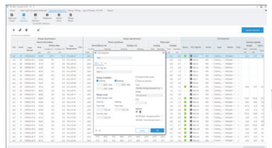
DK-BIM-Heat Load Calculation

Part of our support is the heat load calculation function based on the ASHRAE RTS method. After scanning the building drawing, this feature measures, creates rooms, and sets structures to greatly reduce calculation work.
Setting individual equipment load, occupancy, and outdoor air load for each room is also possible.
The calculation results then assist in equipment selection.



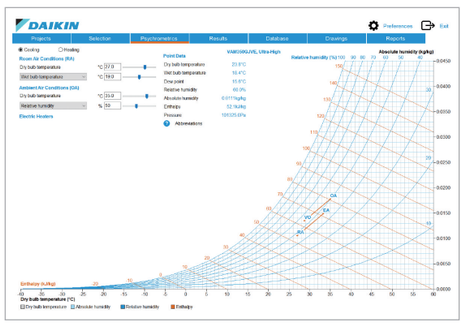
DK-BIM-Model Selection for Air Conditioner

From residential air conditioners to ***VRV*** systems and packaged air conditioners, nearly all air conditioner types can be selected.
Not only can you choose between automatic selection based on heat load calculation results and manual selection where you specify the model, you can also verify pipe sizes, create piping and wiring diagrams, and select central control devices.
In addition to report format, selection results can output piping and wiring diagrams to CAD.





Ventilation Xpress



Model Selection for ventilation products

Ventilation products selection software
Heat Reclaim Ventilator (VAM series) or Outdoor Air Processing Unit (OAPU) can be selected by inputting conditions such as ventilation volume and external static pressure.
In addition, the air temperature and humidity conditions at each point of the selected system are displayed on the psychrometric chart.

BIM Support and Tools

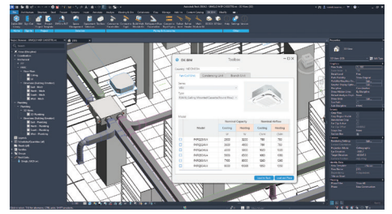
Daikin BIM Library

Daikin has recently launched the Daikin BIM Library. This provides total BIM support with 3D Revit Data, 2D CAD symbols, and product information such as specification sheets.



DK-BIM Revit Plug-In

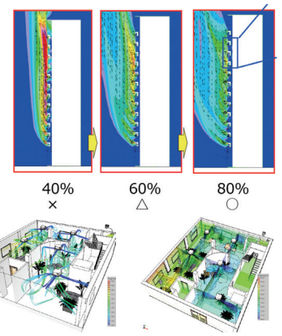
This shows an add-on software for Autodesk's Revit. A download of the Revit family provides comprehensive support for the design of Daikin products in Revit for performing layouts and piping drawings.
It also works with DK-BIM, allowing integration with room volumes in Revit, heat load calculations in DK-BIM, and equipment selection results.



Analysis and Simulation

Airflow Simulation

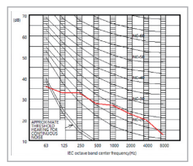
Outdoor airflow analysis software (DT-FLOW2)
Simulates the short circuit of the outdoor unit and uses it as a reference for optimal installation. Creates model of the property with Filder Cube (equipment CAD software), calculates with IconCFD (analysis software), and automatically outputs the report.

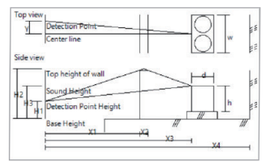


Indoor air environment analysis service
Provides simulation results for temperature, humidity, CO_2, dust, and air age in the target area.

Outdoor Unit Sound Calculation (DACCS-NIS)

Depending on the installation conditions of the equipment, it simulates the operating sound of the outdoor unit that can be heard at any position, which is useful for appropriate soundproofing measures on site.





Energy Simulation Support

A simulation service using QSP software to provide simple proposals by relatively comparing the annual energy efficiency of systems.
Based on meteorological data from cities around the world, this service calculates the annual electricity bills of residential air conditioning, SkyAir, and ***VRV***, effectively promoting the energy-saving benefits of ***VRV***.



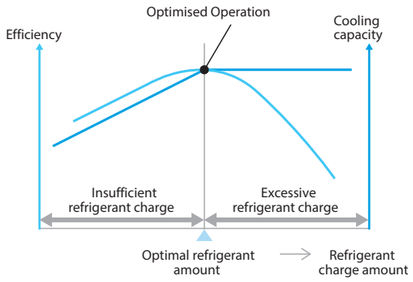
Easy Installation

Automatic refrigerant charge function

Contribute to optimised operation efficiency, higher quality and easier installation.

Optimised operation efficiency

This function prevents a capacity shortage
or energy loss due to excessive
or insufficient refrigerant.



Reduced time for automatic charging operation

By designing optimal control, the average time has been shortened
by 22% (14 min), and the number of on-site operations has been reduced.

Operation time
22% less

Conventional models

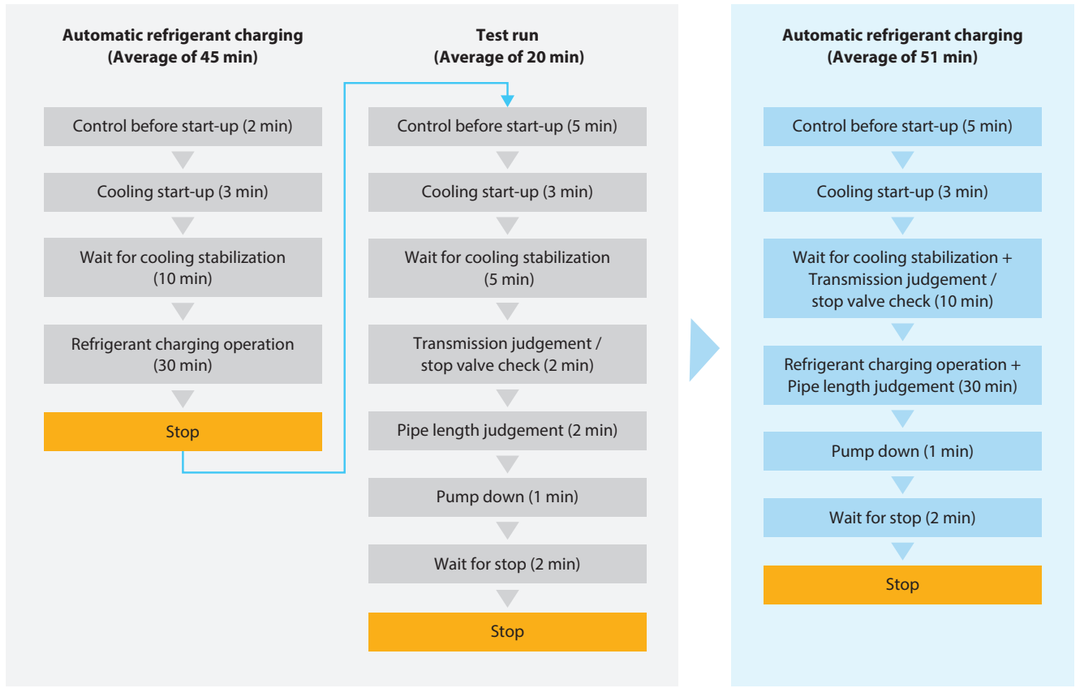
Test run is performed after automatic refrigerant charging is finished

Total of 11 steps, PCB setting: 5 times
Total time: Average of 65 min

New *VRV* 6 X models

Automatic refrigerant charging and test run are performed at the same time

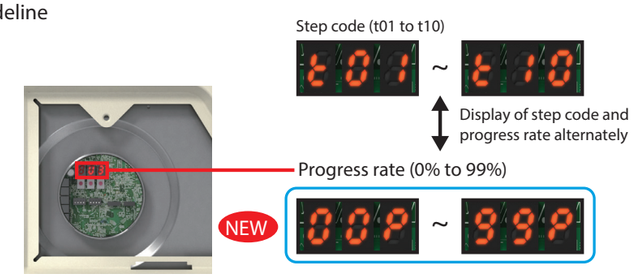
Reduction to 6 steps, PCB setting: 3 times
Total time: Average of 51 min



Process visualization (Test run only*)

In the new models, in addition to the actual step (t01 to t10),
a progress rate (0% to 99%) is available as a guideline
when making arrangements for on-site work.

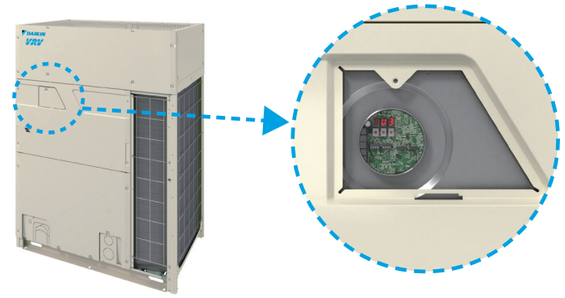
* Effective when test run is carried out independently after manual refrigerant charging.



Electrical component service window

An electrical component service window is newly
installed on the front panel.
Main PCB 7-segment LED can be accessed without
removing the front panel.

Workability is greatly improved during
on-site setting or test run.
You can also quickly check the error code
during service.



Improved refrigerant piping workability

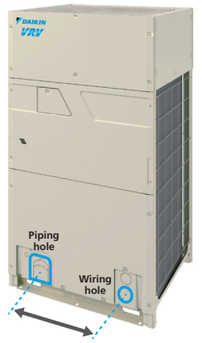
By dividing piping and wiring holes to the left and right, piping and wiring work can be easily performed on site.

Conventional models



Working in closed place is difficult

***VRV* 6 X SERIES**



Work becomes easier with sufficient space



Outdoor Unit Lineup

Capacity range from 6 to 60 HP

Standard Type

	HP	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60
VRV 6 X SERIES	Single outdoor units	●	●	●	●	●	●	●	●																				
	Double outdoor units									●	●	●	●	●	●	●	●	●	●										
	Triple outdoor units																			●	●	●	●	●	●	●	●	●	●

Outdoor unit combinations

Standard Type

HP	kW	Capacity index	Model name	Combination	Outdoor unit multi connection piping kit	Total capacity index of connectable indoor units*	Maximum number of connectable indoor units*
6	16.0	150	RXUQ6BY14	RXUQ6BY14	–	75 to 195 (300)	9 (15)
8	22.4	200	RXUQ8BY14	RXUQ8BY14	–	100 to 260 (400)	13 (20)
10	28.0	250	RXUQ10BY14	RXUQ10BY14	–	125 to 325 (500)	16 (25)
12	33.5	300	RXUQ12BY14	RXUQ12BY14	–	150 to 390 (600)	19 (30)
14	40.0	350	RXUQ14BY14	RXUQ14BY14	–	175 to 455 (700)	22 (35)
16	45.0	400	RXUQ16BY14	RXUQ16BY14	–	200 to 520 (800)	26 (40)
18	50.0	450	RXUQ18BY14	RXUQ18BY14	–	225 to 585 (900)	29 (45)
20	56.0	500	RXUQ20BY14	RXUQ20BY14	–	250 to 650 (1,000)	32 (50)
22	61.5	550	RXUQ22BY14	RXUQ10BY14 + RXUQ12BY14	BHFP22R135-7	275 to 715 (880)	35 (44)
24	67.0	600	RXUQ24BY14	RXUQ12BY14 × 2		300 to 780 (960)	39 (48)
26	73.5	650	RXUQ26BY14	RXUQ12BY14 + RXUQ14BY14		325 to 845 (1,040)	42 (52)
28	78.5	700	RXUQ28BY14	RXUQ12BY14 + RXUQ16BY14		350 to 910 (1,120)	45 (56)
30	83.5	750	RXUQ30BY14	RXUQ12BY14 + RXUQ18BY14		375 to 975 (1,200)	48 (60)
32	89.5	800	RXUQ32BY14	RXUQ12BY14 + RXUQ20BY14		400 to 1,040 (1,280)	52 (64)
34	96.0	850	RXUQ34BY14	RXUQ14BY14 + RXUQ20BY14		425 to 1,105 (1,360)	55 (64)
36	101	900	RXUQ36BY14	RXUQ16BY14 + RXUQ20BY14		450 to 1,170 (1,440)	58 (64)
38	106	950	RXUQ38BY14	RXUQ18BY14 + RXUQ20BY14		475 to 1,235 (1,520)	61 (64)
40	112	1,000	RXUQ40BY14	RXUQ20BY14 × 2		500 to 1,300 (1,600)	64 (64)
42	117	1,050	RXUQ42BY14	RXUQ12BY14 × 2 + RXUQ18BY14	BHFP22R168-7	525 to 1,365 (1,365)	
44	123	1,100	RXUQ44BY14	RXUQ12BY14× 2 + RXUQ20BY14		550 to 1,430 (1,430)	
46	129	1,150	RXUQ46BY14	RXUQ12BY14+RXUQ14BY14+RXUQ20BY14		575 to 1,495 (1,495)	
48	134	1,200	RXUQ48BY14	RXUQ12BY14+RXUQ16BY14+RXUQ20BY14		600 to 1,560 (1,560)	
50	139	1,250	RXUQ50BY14	RXUQ12BY14+RXUQ18BY14+RXUQ20BY14		625 to 1,625 (1,625)	
52	145	1,300	RXUQ52BY14	RXUQ12BY14 + RXUQ20BY14 × 2		650 to 1,690 (1,690)	
54	152	1,350	RXUQ54BY14	RXUQ14BY14 + RXUQ20BY14 × 2		675 to 1,755 (1,755)	
56	157	1,400	RXUQ56BY14	RXUQ16BY14 + RXUQ20BY14 × 2		700 to 1,820 (1,820)	
58	162	1,450	RXUQ58BY14	RXUQ18BY14 + RXUQ20BY14 × 2		725 to 1,885 (1,885)	
60	168	1,500	RXUQ60BY14	RXUQ20BY14 × 3		750 to 1,950 (1,950)	

Notes: *1. For multiple connection, the outdoor unit multi connection piping kit (separately sold) is required.
*2. Values inside brackets are based on connection of indoor units rated at maximum capacity, 200% for single outdoor units, 160% for double outdoor units, and 130% for triple outdoor units. Refer to page 17 for notes on connection capacity of indoor units.

For mixed combination of ***VRV*** and residential indoor units

Model name*1	HP	kW	Capacity index	Total capacity index of connectable indoor units*2			Maximum number of connectable indoor units
				Combination (%)			
				50%	100%	130%	
RXUQ6BY14	6	16.0	150	75	150	195	9
RXUQ8BY14	8	22.4	200	100	200	260	13
RXUQ10BY14	10	28.0	250	125	250	325	16
RXUQ12BY14	12	33.5	300	150	300	390	19
RXUQ14BY14	14	40.0	350	175	350	455	22
RXUQ16BY14	16	45.0	400	200	400	520	26
RXUQ18BY14	18	50.0	450	225	450	585	29
RXUQ20BY14	20	56.0	500	250	500	650	32

Notes: *1. Only single outdoor unit (RXUQ6-20BY14) can be connected.
*2. Total capacity index of connectable indoor units must be 50%–130% of the capacity index of the outdoor unit.

Indoor Unit Lineup

Enhanced range of choices

VRV indoor units

● New lineup　VRT smart Indoor units subject to VRT smart control　VRT Indoor units subject to VRT control

Category	Type	Model Name			20	25	32	40	50	63	71	80	100	125	140	200	250	400	500
				Capacity Range	0.8 HP	1 HP	1.25 HP	1.6 HP	2 HP	2.5 HP	3 HP	3.2 HP	4 HP	5 HP	6 HP	8 HP	10 HP	16 HP	20 HP
				Capacity Index	20	25	31.25	40	50	62.5	71	80	100	125	140	200	250	400	500
Ceiling Mounted Cassette	Round Flow Cassette with Sensing and Streamer	FXFTQ-A	VRT smart			●	●	●	●	●		●	●	●	●				
	Round Flow Cassette with Streamer	FXFRQ-A	VRT smart			●	●	●	●	●		●	●	●	●				
	Round Flow Cassette with Sensing	FXFSQ-A	VRT smart			●	●	●	●	●		●	●	●	●				
		FXFSQ-C	VRT smart			●			●										
	Round Flow Cassette	FXFQ-A	VRT smart			●	●	●	●	●		●	●	●	●				
	Compact Multi Flow Cassette	FXZQ-B	VRT smart		●	●	●	●	●										
	Double Flow Cassette	FXCQ-B	VRT smart		●	●	●	●	●	●		●		●					
	Single Flow Cassette	FXKQ-MA	VRT			●	●	●		●									
	Ceiling Mounted Cassette Duct	FXFDQ-A	VRT smart							●		●	●	●					
Ceiling Concealed Duct	Bedroom Duct	FXDBQ-A	VRT smart					●	●	●		●							
	Slim Duct (Standard)	FXDQ-PD (with drain pump)	VRT smart	(700 mm width type)	●	●	●												
		FXDQ-ND (with drain pump)	VRT smart	(900/1,100 mm width type)				●	●	●									
	Slim Duct (Compact)	FXDQ-SP	VRT		●	●	●	●	●	●									
	Middle Static Pressure Duct	FXSQ-PA	VRT smart		●	●	●	●	●	●		●	●	●	●				
	Middle-High Static Pressure Duct	FXMQ-PA	VRT smart		●	●	●	●	●	●		●	●	●	●				
	High Static Pressure Duct	FXMQ-P	VRT smart													●	●		
		FXMQ-PZ (TKDN)	VRT smart													●	●		
	Outdoor-Air Processing Unit	FXMQ-MF												●		●	●		
		FXMQ-AF	VRT									●			●	●	●		
		FXMQ-BF	VRT									●			●	●	●		
Ceiling Suspended	Ceiling Suspended	FXHQ-MA	VRT				●			●			●						
		FXHQ-B	VRT											●	●				
New	Wall Mounted	**FXAQ-B**	VRT smart		●	●	●	●	●	●	●	●	●						
Floor Standing	Floor Standing	FXLQ-MA	VRT		●	●	●	●	●	●									
	Concealed Floor Standing	FXNQ-MA	VRT		●	●	●	●	●	●									
	Floor Standing Duct	FXVQ-N	VRT											●		●	●	●	●
Clean Room Air Conditioner		FXBQ-P	VRT					●	●	●									
		FXBPQ-P	VRT							●									
Heat Reclaim Ventilator with DX-Coil		VKM-GC		Airflow rate 500-950 m³/h															
Heat Reclaim Ventilator		VAM-H		Airflow rate 150-2000 m³/h															
Air Handling Unit		AHUR		6–120 HP															

Residential indoor units with connection to BP units

Type	Model Name			25	35	50	60	71
			Rated Capacity (kW)	2.5	3.5	5.0	6.0	7.1
			Capacity Index	25	35	50	60	71
Slim Ceiling Concealed Duct	FDKS-C(A)VMB	VRT	(900/1,100 mm width type)	●	●	●	●	
Wall Mounted	FTKJ-NVMW	VRT		●	●	●		
	FTKJ-NVMS	VRT		●	●	●		
	FTKS-DVM	VRT		●	●			
	FTKS-FVM	VRT				●	●	●

Note: BP units are necessary for residential indoor units. Only single outdoor unit (RXUQ6-20B) can be connected.

VRV indoor units combine with residential indoor units, all in one system.

VRV indoor unit only system



VRV indoor units only

Max. 64 indoor units

- If a system has indoor units subject to both VRT smart and VRT control, the system is operated under VRT control.
- If a system has both outdoor-air processing air conditioners (FXMQ-MF series) and outdoor-air processing type indoor units, VRT smart control and VRT control are disabled.

Residential indoor unit and ***VRV*** indoor unit mix system



Residential indoor units　　***VRV*** indoor units

Max. 32 indoor units

- BP units are necessary for residential indoor units. Only single outdoor unit (RXUQ6-20B) can be connected.
- If a system has both residential indoor units and ***VRV*** indoor units, the system is operated under VRT control.

Residential indoor unit only system



Residential indoor units only

Max. 32 indoor units

- BP units are necessary for residential indoor units. Only single outdoor unit (RXUQ6-20B) can be connected.
- If a system has only residential indoor units, the system is operated under VRT control.

Indoor Unit Overview

New ***VRV*** 6 X series can connect to a wide range of Daikin's indoor units including both ***VRV*** and residential models, responding to variety of needs of our customers that require air-conditioning solutions.

Round Flow Cassette with Sensing and Streamer Type

Comfort, energy savings by sensing functions and enhanced maximum efficiency in cleaning





FXFTQ-A

Round Flow Cassette with Streamer Type

360° airflow for improved comfort and enhanced maximum efficiency in cleaning





FXFRQ-A

Round Flow Cassette with Sensing Type

Comfort and energy savings by sensing functions





FXFSQ-A
FXFSQ-C

Round Flow Cassette Type

360° airflow for improved comfort

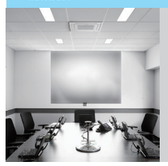


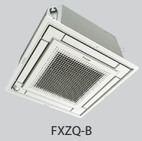


FXFQ-A

Compact Multi Flow Cassette Type

Quiet, compact, and designed for user comfort

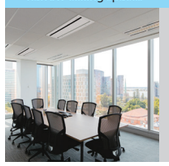


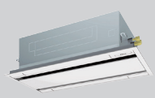


FXZQ-B

Double Flow Cassette Type

Thin, lightweight, and easy to install in narrow ceiling spaces

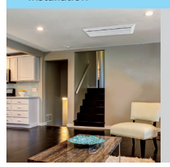


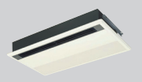


FXCQ-B

Single Flow Cassette Type

Compact & elegant design for flexible installation





FXKQ-MA

Ceiling Mounted Cassette Duct Type

Unprecedented flexibility with Revolutionary air blow concept

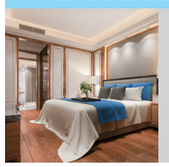


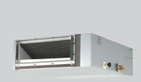


FXFDQ-A

Bedroom Duct Type

Suitable for close living spaces such as hotels and condominiums

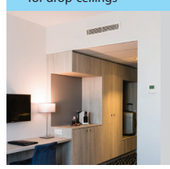


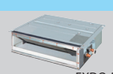


FXDBQ-A

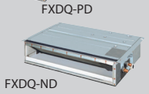
Slim Duct (Standard) Type

Slim design, quietness and ideal for drop-ceilings





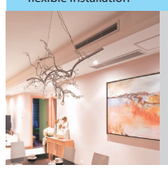
FXDQ-PD

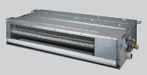


FXDQ-ND

Slim Duct (Compact) Type

Slim and compact design for easy and flexible installation

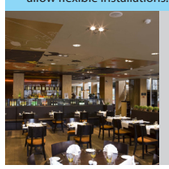


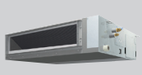


FXDQ-SP

Middle Static Pressure Duct Type

Middle static pressure and slim design allow flexible installations.

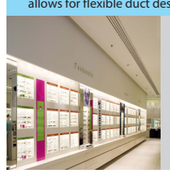




FXSQ-PA

Middle-High Static Pressure Duct Type

Middle and high static pressure allows for flexible duct design.

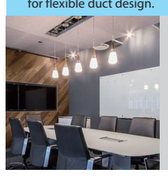




FXMQ-PA

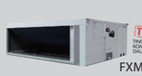
High Static Pressure Duct Type

High static pressure allows for flexible duct design.





FXMQ-P

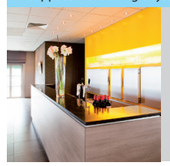


FXMQ-PZ

Note: The indoor unit lineup varies depending on the target countries.

Outdoor-Air Processing Unit

Combine fresh air treatment and air conditioning, supplied from a single system.





FXMQ-MF

Outdoor-Air Processing Unit

Improve IAQ with fresh air ventilation and precise room temperature control





FXMQ-AF



FXMQ-BF

Ceiling Suspended Type

Slim body with quiet and wide airflow.

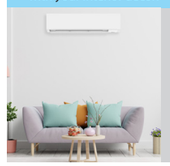




FXHQ-MA
FXHQ-B

Wall Mounted Type

Stylish flat panel design harmonised with your interior décor.

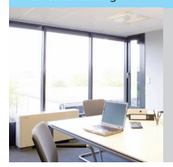




New FXAQ-B

Floor Standing Type / Conceal Floor Standing Type

Suitable for perimeter zone air conditioning



FXLQ-MA

FXNQ-MA

Floor Standing Duct Type

Large airflow type for large spaces.

FXVQ-N
(high static pressure type)

Clean Room Air Conditioner

Suitable for hospitals and other clean spaces

FXBQ-P
FXBPQ-P

Air Handling Unit

Integrate your air handling unit in a total solution for large size spaces such as factories and large stores.

AHUR

Residential indoor units with connection to BP units

Slim Ceiling Concealed Duct Type

Slim and smooth design suits your shallow ceiling

FDKS-C(A)VMB

Wall Mounted Type

Elegant appearance with European style

FTKJ-NVMS

FTKJ-NVMW

Wall Mounted Type

Stylish flat panel harmonises with your interior décor

FTKS-DVM

FTKS-FVM

Air treatment equipment

Heat Reclaim Ventilator with DX-Coil

Air quality improvement by introducing fresh outdoor air in the room

VKM-GCVE

Heat Reclaim Ventilator

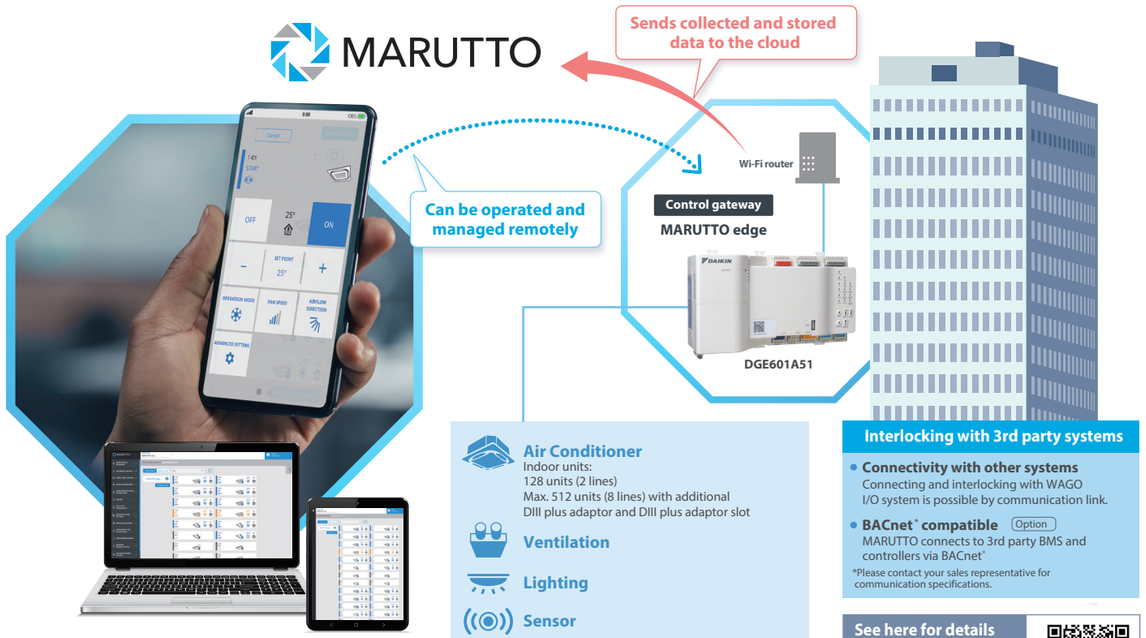
Daikin VAM series ensures fresh air intake and energy savings

VAM-HVE

Control System

Cloud-based HVAC management service

MARUTTO is an all-in-one, cloud-based management service that offers real-time control and monitoring, advanced analytics, and customized support to address HVAC lifecycle concerns.



Easily controlled from any device*1

Note:
*1 Operation is only available when the control gateway is connected to the Internet.

Air Conditioner
Indoor units:
128 units (2 lines)
Max. 512 units (8 lines) with additional DIII plus adaptor and DIII plus adaptor slot

Ventilation

Lighting

Sensor

Other equipment and devices
- Security equipment
- Fire alarm
- Watt-hour meter (via I/O module)
- Applied equipment

Interlocking with 3rd party systems

- **Connectivity with other systems**
  Connecting and interlocking with WAGO I/O system is possible by communication link.
- **BACnet® compatible** (Option)
  MARUTTO connects to 3rd party BMS and controllers via BACnet®

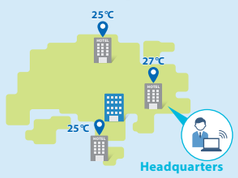
*Please contact your sales representative for communication specifications.

See here for details

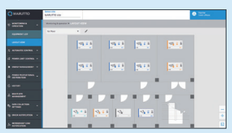
Video Overview of MARUTTO Services

Remote monitoring and control

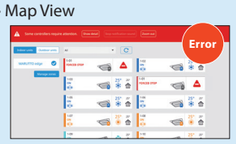
- Multi-Device Support
- Multi-Site Management



- Layout View



- Map View

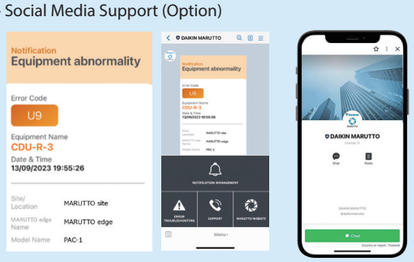


Centralized control

- Interlocking Control of Devices
- User Administration Function
- Schedule Control

Peace of mind service maintenance

- Error Notification Email
- Social Media Support (Option)



- Remote Emergency Operation (Option)

Optimised energy usage

- Energy Visualization
- Demand Control (Option)
- Operation Data Output Function
- PPD Function (Option)
- Energy-Saving Simulation

Option List

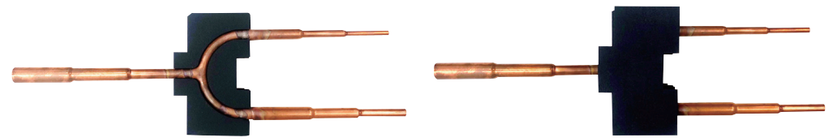
Standard Type

Item \ Type		RXUQ6-20BY14	RXUQ22-40BY14	RXUQ42-60BY14
Distributive piping*1	REFNET header	KHRP26M22H (Max. 4 branch), KHRP26M33H (Max. 8 branch), KHRP26M72H (Max. 8 branch), KHRP26M73H (Max. 8 branch)		
	REFNET joint	KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T		
	Pipe size reducer	KHRP26M73HP, KHRP26M73TP		
	Non-Brazed REFNET Joint for TIGHTFIT	BHRG26A33T, BHRG26A72T, BHRG26A73T		
Outdoor unit multi connection piping kit		—	BHFP22R135-7	BHFP22R168-7

REFNET joint
(KHRP26A22/33/72/73T)



Non-Brazed REFNET Joint for TIGHTFIT
(BHRG26A33/72/73T)



Option PCB

Item \ Type	RXUQ6-60BY14
DIII-NET expand adaptor + Wire harness adaptor kit	DTA109A51 + BER11A
External control adaptor	DTA104A62
Home Automation Interface Adaptor + Wire harness adaptor kit	DTA116A51 + BER11B

Outdoor Unit Specifications

Specifications

Standard Type

Model			RXUQ6BY14	RXUQ8BY14	RXUQ10BY14	RXUQ12BY14	RXUQ14BY14	RXUQ16BY14	RXUQ18BY14	RXUQ20BY14
Combination units			—	—	—	—	—	—	—	—
			—	—	—	—	—	—	—	—
Power supply			Y14: 3-phase, 4-wire system, 380-415 V, 50 Hz							
Cooling capacity		Btu/h	54,600	76,400	95,500	114,000	136,000	154,000	171,000	191,000
		kW	16.0	22.4	28.0	33.5	40.0	45.0	50.0	56.0
Power consumption		kW	2.98	4.19	5.48	7.31	8.40	9.68	11.4	12.8
Capacity control		%	19 – 100		13 – 100		10 – 100		9 – 100	7 – 100
Performance	EER (Outdoor)		5.37	5.35	5.11	4.58	4.76	4.65	4.39	4.38
Casing colour			Ivory white (5Y7.5/1)							
Compressor	Type		Hermetically sealed scroll type							
	Motor output	kW	2.4	3.3	3.7	4.5	2.9 + 3.2	3.3 + 3.6	3.8 + 4.1	4.3 + 4.6
Airflow rate		m^3/min	126	153	176	195	195	217	243	294
Dimensions (H x W x D)		mm	1,660 x 930 x 765		1,660 x 1,240 x 765					
Machine weight		kg	216		236		310		311	
Sound level		dB(A)	54	56		58	59		62	65
Operation range		°CDB	10 to 52							
Refrigerant	Type		R-410A							
	Charge	kg	6.2	6.3	5.7	5.9	9.2	9.4	9.2	9.4
Piping connections	Liquid	mm	ϕ 9.5 (Brazing)			ϕ 12.7 (Brazing)			ϕ 15.9 (Brazing)	
	Gas	mm	ϕ 19.1 (Brazing)		ϕ 22.2 (Brazing)	ϕ 28.6 (Brazing)				

Model			RXUQ22BY14	RXUQ24BY14	RXUQ26BY14	RXUQ28BY14	RXUQ30BY14	RXUQ32BY14
Combination units			RXUQ10BY14	RXUQ12BY14	RXUQ12BY14	RXUQ12BY14	RXUQ12BY14	RXUQ12BY14
			RXUQ12BY14	RXUQ12BY14	RXUQ14BY14	RXUQ16BY14	RXUQ18BY14	RXUQ20BY14
Power supply			Y14: 3-phase, 4-wire system, 380-415 V, 50 Hz					
Cooling capacity		Btu/h	210,000	229,000	251,000	268,000	285,000	305,000
		kW	61.5	67.0	73.5	78.5	83.5	89.5
Power consumption		kW	12.8	14.7	15.8	17.0	18.8	20.2
Capacity control		%	7 – 100		6 – 100		5 – 100	
Performance	EER (Outdoor)		4.81	4.58	4.68	4.62	4.46	4.45
Casing colour			Ivory white (5Y7.5/1)					
Compressor	Type		Hermetically sealed scroll type					
	Motor output	kW	3.7 + 4.5	4.5 +4.5	4.5 + 2.9 + 3.2	4.5 + 3.3 + 3.6	4.5 + 3.8 + 4.1	4.5 + 4.3 + 4.6
Airflow rate		m^3/min	176 + 195	195 +195	195 +195	195 + 217	195 + 243	195 +294
Dimensions (H x W x D)		mm	(1,660 x 1,240 x 765) + (1,660 x 1,240 x 765)					
Machine weight		kg	236 + 236		236 + 310		236 + 311	
Sound level		dB(A)	61	62			64	66
Operation range		°CDB	10 to 52					
Refrigerant	Type		R-410A					
	Charge	kg	5.7 + 5.9	5.9 +5.9	5.9 + 9.2	5.9 + 9.4	5.9 + 9.2	5.9 + 9.4
Piping connections	Liquid	mm	ϕ 15.9 (Brazing)		ϕ 19.1 (Brazing)			
	Gas	mm	ϕ 28.6 (Brazing)	ϕ 34.9 (Brazing)				

Model			RXUQ34BY14	RXUQ36BY14	RXUQ38BY14	RXUQ40BY14	RXUQ42BY14	RXUQ44BY14	RXUQ46BY14
Combination units			RXUQ14BY14	RXUQ16BY14	RXUQ18BY14	RXUQ20BY14	RXUQ12BY14	RXUQ12BY14	RXUQ12BY14
			RXUQ20BY14	RXUQ20BY14	RXUQ20BY14	RXUQ20BY14	RXUQ12BY14	RXUQ12BY14	RXUQ14BY14
			—	—	—	—	RXUQ18BY14	RXUQ20BY14	RXUQ20BY14
Power supply			Y14: 3-phase, 4-wire system, 380-415 V, 50 Hz						
Cooling capacity		Btu/h	328,000	345,000	362,000	382,000	399,000	420,000	440,000
		kW	96.0	101	106	112	117	123	129
Power consumption		kW	21.2	22.5	24.2	25.6	26.1	27.5	28.6
Capacity control		%	4 – 100					3 – 100	
Performance	EER (Outdoor)		4.53	4.49	4.38	4.38	4.50	4.49	4.54
Casing colour			Ivory white (5Y7.5/1)						
Compressor	Type		Hermetically sealed scroll type						
	Motor output	kW	2.9 + 3.2 + 4.3 + 4.6	3.3 + 3.6 + 4.3 + 4.6	3.8 + 4.1 +4.3 + 4.6	4.3 +4.6 + 4.3 + 4.6	4.5 + 4.5 + 3.8 + 4.1	4.5 +4.5 + 4.3 +4.6	4.5 + 2.9 + 3.2 + 4.3 + 4.6
Airflow rate		m^3/min	195 + 294	217 + 294	243 + 294	294 + 294	195 + 195 + 243	195 + 195 + 294	195 + 195 + 294
Dimensions (H x W x D)		mm	(1,660 x 1,240 x 765) + (1,660 x 1,240 x 765)				(1,660 x 1,240 x 765) + (1,660 x 1,240 x 765) + (1,660 x 1,240 x 765)		
Machine weight		kg	310 + 311		311 + 311		236 + 236 + 311		236 + 310 + 311
Sound level		dB(A)	66		67	69	65	67	
Operation range		°CDB	10 to 52						
Refrigerant	Type		R-410A						
	Charge	kg	9.2 + 9.4	9.4 + 9.4	9.2 + 9.4	9.4 + 9.4	5.9 + 5.9 + 9.2	5.9 + 5.9 + 9.4	5.9 + 9.2 + 9.4
Piping connections	Liquid	mm	ϕ 19.1 (Brazing)						
	Gas	mm	ϕ 34.9 (Brazing)	ϕ 41.3 (Brazing)					

Model			RXUQ48BY14	RXUQ50BY14	RXUQ52BY14	RXUQ54BY14	RXUQ56BY14	RXUQ58BY14	RXUQ60BY14
Combination units			RXUQ12BY14	RXUQ12BY14	RXUQ12BY14	RXUQ14BY14	RXUQ16BY14	RXUQ18BY14	RXUQ20BY14
			RXUQ16BY14	RXUQ18BY14	RXUQ20BY14	RXUQ20BY14	RXUQ20BY14	RXUQ20BY14	RXUQ20BY14
			RXUQ20BY14	RXUQ20BY14	RXUQ20BY14	RXUQ20BY14	RXUQ20BY14	RXUQ20BY14	RXUQ20BY14
Power supply			Y14: 3-phase, 4-wire system, 380-415 V, 50 Hz						
Cooling capacity		Btu/h	457,000	474,000	495,000	519,000	536,000	553,000	573,000
		kW	134	139	145	152	157	162	168
Power consumption		kW	29.8	31.6	33.0	34.0	35.3	37.0	38.4
Capacity control		%	3 – 100						2 – 100
Performance	EER (Outdoor)		4.51	4.43	4.42	4.47	4.45	4.38	4.38
Casing colour			Ivory white (5Y7.5/1)						
Compressor	Type		Hermetically sealed scroll type						
	Motor output	kW	4.5 + 3.3 + 3.6 + 4.3 + 4.6	4.5 + 3.8 + 4.1 + 4.3 + 4.6	4.5 + 4.3 + 4.6 + 4.3 + 4.6	2.9 + 3.2 + 4.3 + 4.6 + 4.3 + 4.6	3.3 + 3.6 + 4.3 + 4.6 + 4.3 + 4.6	3.8 + 4.1 + 4.3 + 4.6 + 4.3 + 4.6	4.3 + 4.6 + 4.3 + 4.6 + 4.3 + 4.6
Airflow rate		m^3/min	195 + 217 + 294	195 + 243 + 294	195 + 294 + 294	195 + 294 + 294	217 + 294 + 294	243 + 294 + 294	294 + 294 + 294
Dimensions (H x W x D)		mm	(1,660 x 1,240 x 765) + (1,660 x 1,240 x 765) + (1,660 x 1,240 x 765)						
Machine weight		kg	236 + 310 + 311	236 + 311 + 311		310 + 311 + 311		311 + 311 + 311	
Sound level		dB(A)	67	68	69				70
Operation range		°CDB	10 to 52						
Refrigerant	Type		R-410A						
	Charge	kg	5.9 + 9.4 + 9.4	5.9 + 9.2 + 9.4	5.9 + 9.4 + 9.4	9.2 + 9.4 + 9.4	9.4 + 9.4 + 9.4	9.2 + 9.4 + 9.4	9.4 + 9.4 + 9.4
Piping connections	Liquid	mm	ϕ 19.1 (Brazing)						
	Gas	mm	ϕ 41.3 (Brazing)						

Notes: Specifications are based on the following conditions;
- Indoor temp.: 27° CDB , 19° CWB / Outdoor temp.: 35° CDB / Equivalent piping length: 7.5m , Height difference: 0 m.
- Sound level : Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
  During actual operation, these values are normally somewhat higher as a result of ambient conditions and oil recovery mode.
  When there is concern for noise the surrounding area such as residences, we recommend investigating the installation location and taking soundproofing measures.

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