



Product catalogue 2025 for professionals









What's new?

Decarbonisation of buildings made easy The most complete R-32 range on the market

New maxi VRV 5 heat pump – RXYA-A – p. 40

- Capacity from 8 to 20HP
- Continuous heating via multi module

New 8-10-12 HP VRV 5 S-series - RXYSA8-10-12A - p. 42

• New 8-10-12 HP capacities

New VRV 5 heat recovery – REYA-A9/REMA-A9 – p. 36

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

New 1 way blow cassette – FXKA-A/FXKQ-A - p. 53

- Completely new outlook
- New 20 and 50 class model
- Dedicated model for R-32 (FXKA-A) and R-410A (FXKQ-A)

New Concealed floorstanding unit – FXNA-A – p. 61

- Most versatile R-32 VRF floor standing unit in the market
- Unique integral circulation airflow principle enable same installation flexibility as wall mounted and cassette units









CO₂ VRV, the low GWP solution

RXYN-B

p. 111

- Enabling you to tackle projects requesting natural refrigerants
- Using the natural refrigerant CO₂ (R-744)
- With a low GWP of 1, CO₂ is one of the most sustainable refrigerants







Daikin Cloud Plus

p. 90

- Remote monitoring and control no matter where you are
- Manage multiple sites and visualize energy consumption with benchmarking
- Remote diagnositcs
- Intelligent algorithms predict and prevent failures







VRV

Commercial air-to-air heat pumps

Benefits of VRV systems

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Remain at the forefront with Daikin VRV

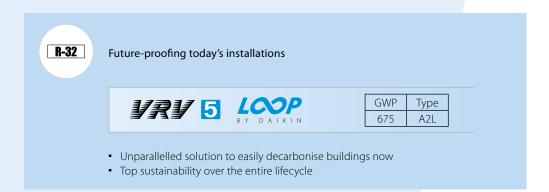
Offering flexible, easy to install heat pumps, supporting decarbonisation



Our long-term strategic vision for the VRF market



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





Transition away



GWP Type 2,087.5 A1

Using 100% reclaimed refrigerant

Our sustainability values

Supporting decarbonisation

Our solutions are designed to support your sustainable goals by reducing the CO_2 footprint of buildings, whether they are new builds or renovation.



We continuously develop products with lower CO₂ footprint



We maximise real life seasonal efficiency, delivered in a transparent and trustworthy way



We reuse materials where possible, including refrigerants

A collective journey

Together with our partners and customers, we are working towards the sustainable transformation of our buildings. We provide expert **support and peace of mind** throughout the building life cycle, ensuring **future-proof** solutions for a healthier planet.



We help to make the right choice based on the total lifecycle impact of the solutions



Our team of experts provide in-depth knowledge in the use of EPDs, green building schemes, etc.



Al predictive monitoring of our systems, keeps running costs low and maximises uptime

Building for the future

As market leaders in total solutions, we are constantly **innovating to meet your changing needs** and offer you a comfortable, healthy and safe environment.



With our wide range of reliable solutions, our experts can meet even the most complex demands



Making fresh air supply and filtration an integral part of our solution ensures maximum well being



Our solutions are in line with or ahead of legislation, proving you complete peace of mind

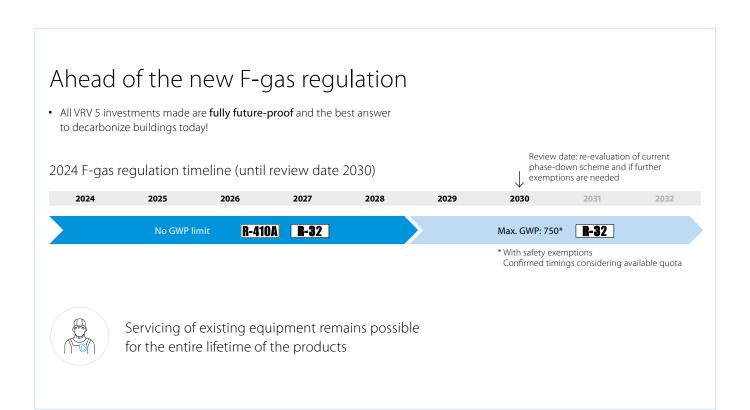


Benefits of R-32

Already used on large scale, R-32 can be implemented today and make a significant step towards decarbonising buildings.

- Lower Global Warming Potential (GWP): only 1/3rd of R-410A
- Lower refrigerant charge: up to 15% less compared to R-410A
- Higher energy efficiency, greatly reducing the indirect CO_2 eq. impact
- Single component refrigerant, easy to handle and recycle.







Benefits of VRV systems

VRV systems offer commercial buildings maximum design flexibility and comfort thanks to the advantages of direct expansion (DX) systems:

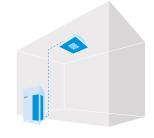
More responsive

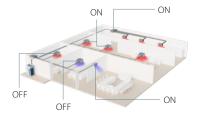
- Immediate reaction to changing conditions helps avoid overheating
- **Highly efficient**: Only 2 energy transfer steps are needed (from air to refrigerant, and from refrigerant to air)¹

Air Refrigerant Air

Quick and easy to install:

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





Precise zone control:

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

Complete building solution

- Including smart cloud controls, ventilation, ...
- Fully integrated fresh air solution with energy recovery, air purification, humidification and air discharge temperature control
- Smart central control and energy optimization via the cloud









Which VRV

system offers me the best solution?

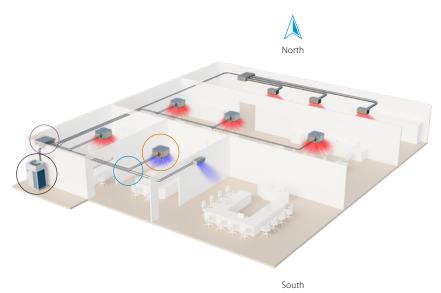
VRV Heat recovery

- Simultaneous heating AND cooling from one system
- Best efficiency and comfort solution
- "Free" heating and hot water production (1) by transferring heat from areas requiring cooling



"Free" heating through heat recovery

- Maximum individual comfort in all areas
- Technical cooling down to -20°C
- Running costs of VRV heat recovery system can be 30 to 40% lower compared to water fan coil system (2)



Components:







Indoor unit



3-pipe refrigerant piping

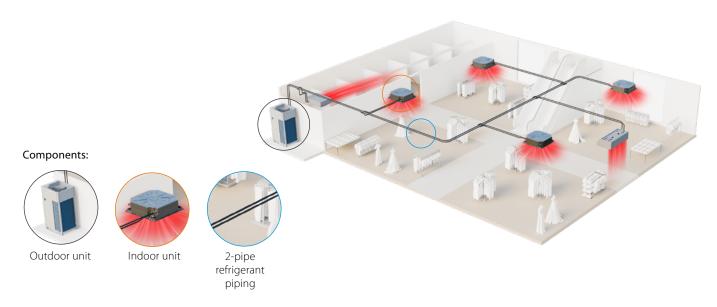


BS boxes: allows the individual switching of indoor units between heating and cooling

⁽¹⁾ Hot water hydrobox connection only in combination with VRV IV+ heat recovery (2) According to the Franklin + Andrews construction economics

VRV Heat pump

- For either heating **OR** cooling from one system
- The solution for comfort & low energy consumption
- Daikin's mainstream heat pump to tackle most applications



Mini VRV S-series

- For either heating **OR** cooling from one system
- The most compact VRV
- Daikin's solution for applications with limited space

Components:

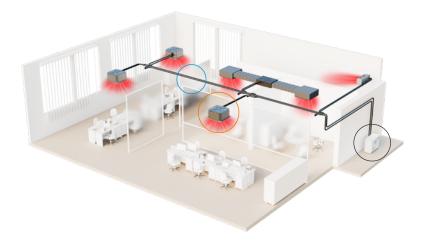








Indoor unit Refrigerant piping



VRV total solution

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

... a total solution managing up to

70%

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



Heating and cooling for year round comfort



Fresh air heat recovery ventilation for high quality environments



Controls for maximum operating efficiency



Air curtains for optimum air separation



Efficient production of hot water

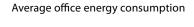


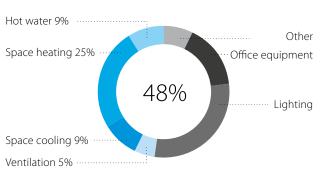
Underfloor heating/ cooling for efficient space heating/cooling



Cooling for server rooms, telecom shelters

Average hotel energy consumption Lighting Refrigeration 3% Ventilation 4% Kitchen Office Space cooling 15% Other Hot water 17%





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."





technologies

See how you can benefit from Daikin's highly flexible and efficiency product range

VRV

benefits & technologies

Drastically reducing	
your running costs	14
Top reliability	18
Comfort guaranteed at all times	20
Great design flexibility	22
Fast installation and commissioning,	
easy servicing	24

Benefits of direct expansion (DX) systems

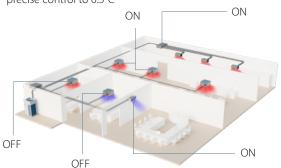
Highly efficient

 Only 2 energy transfer steps maximise efficiency. Running costs of a water-based fan coil unit can be 40 to 72% higher compared to a VRV heat recovery system (1)

Air Refrigerant

Precise zone control

- Only condition areas in need for cooling or heating
- Immediate reaction to changing conditions and precise control to 0.5°C

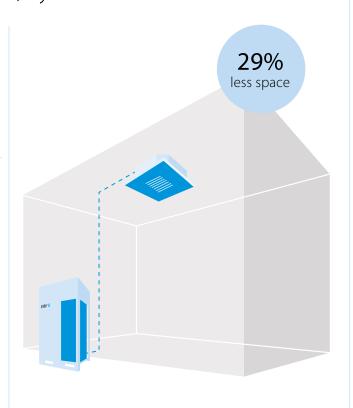




Compact units

 Avoid the need for structural reinforcement or special equipment to lift units in place





Quick and easy to install

- All-in-one box solution without any requirement for field supplied equipment (e.g. gauges, pumps and valves)
- Small piping diameters
- Up to 20% less space required compared to traditional water-based systems, offering more lettable space

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Drastically reducing running costs

- + Innovative technologies to offer market-leading efficiencies
- + Flexibility to meet the building load at the highest efficiency

BLUEVOLUTION



VRV 5: The most complete R-32 VRV range in the market

- Lower Global Warming Potential (GWP): only 1/3rd of R-410A
- Lower refrigerant charge: 15% less compared to R-410A
- Higher energy efficiency
- Single component refrigerant, easy to handle and recycle



Only 2 energy transfer steps

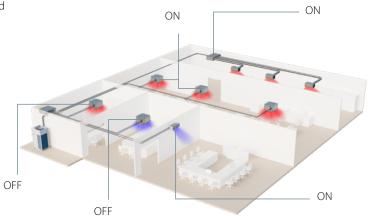
- Maximised efficiency thanks to direct expansion (DX) technology
- Running costs of a water-based fan coil unit can be 40 to 70% higher compared to a VRV heat recovery system (1)

Air Refrigerant Air

Precise zone control

VRV systems have low running costs because it permits each zone to be controlled individually.

That is, only those rooms that require air conditioning will be heated or cooled, while the system can be shut down completely in rooms where no air conditioning is required.











Variable refrigerant temperature

The biggest leap since the inverter compressor

Thanks to its revolutionary variable refrigerant temperature technology (VRT), VRV continuously adjusts both the inverter compressor speed and the refrigerant temperature in cooling AND heating, providing the necessary capacity to meet the building load with the highest efficiency at all times!

- Seasonal efficiency increased by 28%
- The first weather accommodating control on the market
- Customer comfort is assured thanks to higher outblow temperatures (preventing cold draughts)

How does it work?

VRF standard

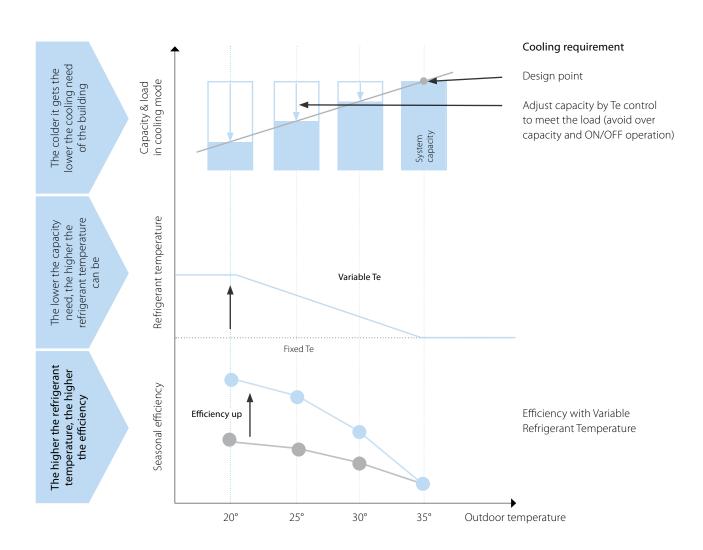
Capacity is controlled only with the variation of the inverter compressor.

Daikin VRV

Variable Refrigerant Temperature control for energy saving in partial load condition.

The capacity is controlled by the inverter compressor and variation of the evaporating (Te) and condensing (Tc) temperature of the refrigerant in order to achieve the highest seasonal efficiency.

Evaporating temperature can vary between 3 and 16° which is the widest on the market.



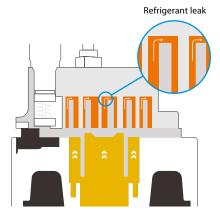
37 patents

Inverter scroll compressor with back pressure control

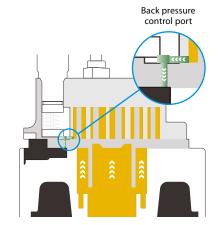
- Pressure port increases pressure below the scroll in low load operation, preventing refrigerant leak from the high to low pressure side
- Increased partial load efficiency







During low load, weak pressure is applied resulting in refrigerant leakage.

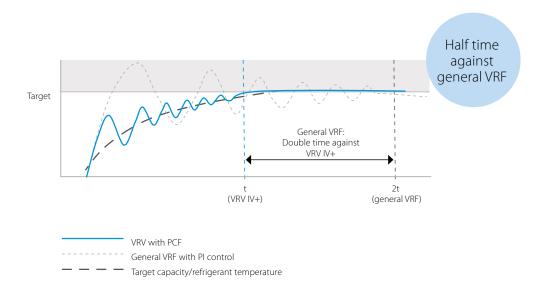


The back pressure control port sends high pressure refrigerant to the back of the scroll ensuring optimum pressure on the scroll.

Predictive Control Function (PCF)

- Reaching targets faster
- Reaching targets without overshooting, so there is no waste, resulting in improved efficiency

The large number of Daikin systems already in operation and which are monitored by our Daikin Cloud Service put us in the unique position of being able to analyse this data and develop the predictive control function.



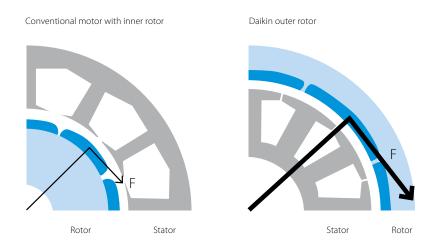
DC fan motor

Outer rotor DC motor for higher efficiency

- Larger rotor diameter results in greater force for the same magnetic field, leading to better efficiency
- Better control, resulting in more fan steps to match the actual capacity

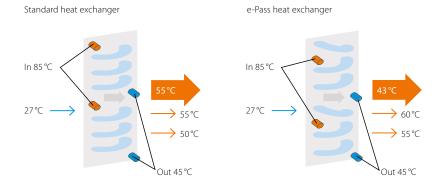
Sine wave DC inverter

Optimizing the sine wave curve results in smoother motor rotation and improved motor efficiency.



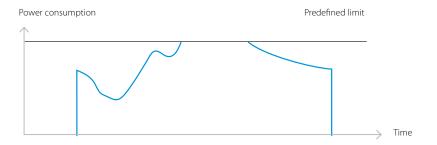
E-Pass heat exchanger

Optimising the heat exchanger's path layout prevents heat being transferred from the overheated gas section to the sub-cooled liquid section which is a more efficient way to use the heat exchanger.



I-demand function

Limit maximum power consumption. The newly introduced current sensor minimizes the difference between the actual power consumption and the predefined power consumption.



Top reliability

- + Most extensive testing before new units leave the factory
- + Designed to perform

Duty Cycling extends operation life

The cyclical start-up sequence of multiple outdoor units systems equalises compressor duty and extends operating life.



Back-up function

In the event of a compressor malfunction another compressor or outdoor unit will take over in order to maintain 8 hour interim capacity, allowing time for maintenance or repair while comfort remains quaranteed.



Multi outdoor unit system

Auto-cleaning filters

Auto cleaning filters enhance reliability thanks to clean air filters all the time.

Additionally clean filters reduce running costs and improve indoor air quality.



Refrigerant-cooled PCB

- Reliable cooling because it is not influenced by ambient air temperature
- Smaller switchbox for smoother air flow through the heat exchanger increasing heat exchange efficiency with 5%



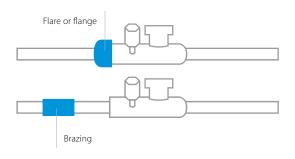
Sequential Start

Up to 3 outdoor units can be connected to 1 power supply and can be turned on sequentially. This allows the number of breakers and their capacities to remain small and simplifies wiring (for models of 10HP or less).



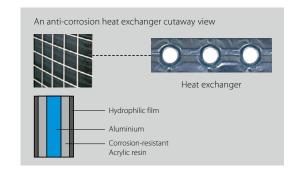
Only brazed connections

All flange and flare connections inside the unit have been replaced by brazing connections to ensure improved refrigerant containment. Also the connection of the outdoor in the main pipe is brazed.



Anti Corrosion Treatment

Special anti corrosion treatment of the heat exchanger provides 5 to 6 times greater resistance against acid rain and salt corrosion. The provision of rust proof steel sheet on the underside of the unit gives additional protection.



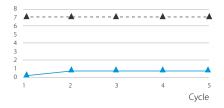
Performed tests:

- VDA Wechseltest
- Contents of 1 cycle (7 days):
- 24 hours salt spray test SS DIN 50021
- 96 hours humidity cycle test KFW DIN 50017
- 48 hours room temperature & room humidity testing period: 5 cycles

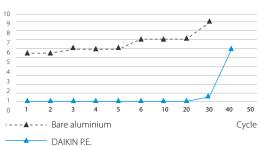
Kesternich test (SO2)

- Contents of 1 cycle (48 hours) according to DIN50018 (0.21)
- Testing period: 40 cycles

Degree of corrosion



Degree of corrosion



Comfort guaranteed at all times

Continuous heating during defrost mode

VRV continues to provide heating even when in defrost mode, providing an answer to any perceived disadvantages of specifying a heat pump as a monovalent heating system.





Alternate defrost

On all our multi unit systems only 1 outdoor coil is defrosted at a time, ensuring continuous comfort during the whole process.

Available on: REYA10-28A, RXYA10-20A, REYQ10-54U, RYYQ16-54U, RXYQQ16-42U and RQCEQ280-848P3





the outdoor unit coil is defrosted ...

- ... one at the time ...
- ... so a comfortable temperature is maintained indoors

Smart Control brings comfort

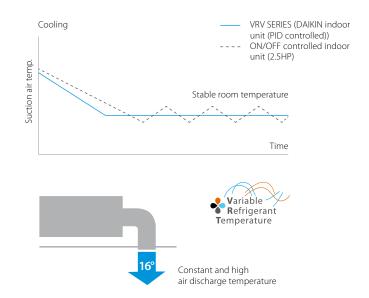
Stable room temperature

An electronic expansion valve continuously adjusts the refrigerant volume in respond to load variations of the indoor units. The VRV system thus maintains comfortable room temperatures at a virtually constant level, without the temperature variations typical of conventional ON/OFF control systems. Note: the graph shows the data, measured in a test

room assuming actual heating load. The thermostat can control stable room temperature at \pm 0.5°C from set point.

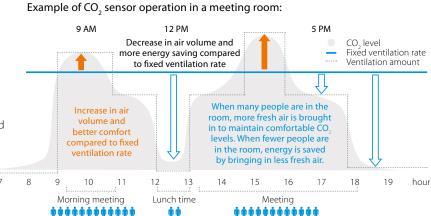
No more cold draught

Automatic or manual adjustment of refrigerant temperature leads to higher outblow temperatures which avoid the cold draught coming from the indoor unit.



Ensure optimal IAQ using CO₂ sensors

Enough fresh air is needed to create an enjoyable environment, but ventilating constantly is leading to energy waste. Therefore an optional CO₂ sensor regulates the ventilation system to provide the needed fresh air to the room, avoiding over-ventilation and saving energy.



Low operation sound level

For areas where there are stringent limitations to sound levels, the outdoor unit sound level can be easily reduced.

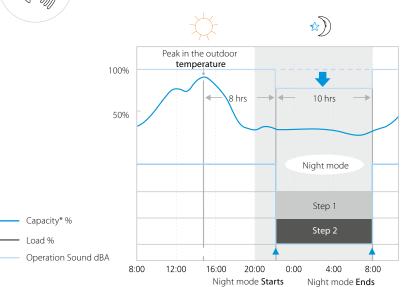
Standard 5 low sound steps

All of our VRV 5 outdoor units have standard 5 low sound steps to reduce the sound pressure down to 39 dB(A) via a field setting.



Outdoor unit sound reduction

To manually set the time for low noise operation, the external control adaptor DTA104A61/62/63 can be used.



Example for VRV IV+ heat pump, factory setting.

Sound enclosure for VRV 5 EKLN140A

- Sound reduction up to -10 dB(A) on Sound Power values
- Dedicated Daikin option for VRV 5 RXYSA
- Fully optimized and tested in Daikin Factory for guaranteed performance
- Very low capacity and pressure drop thanks to separated air intake and discharge
- Fast and easy installation & servicing



Great design flexibility

Wide operation range

Air cooled

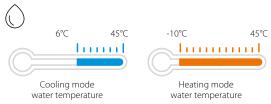
The VRV system can be installed practically anywhere. VRV air cooled outdoor units can cool between -20°C BD and +52°C DB outdoor ambient and can be used as monovalent heating system between -25°C WB and +15.5°C WB.



Consult the technical specifications for the specific operation range per outdoor series.

Water cooled

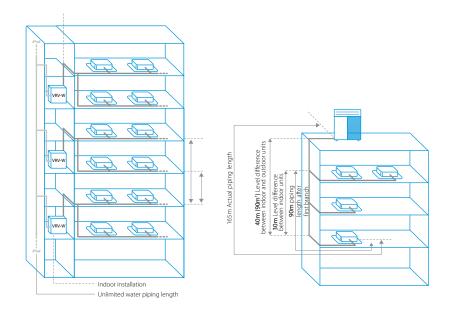
Standard water cooled outdoor units operation between 10°C and 45°C for both heating and cooling. In geothermal mode, the operation range is extended to -10°C* during heating and 6°C during cooling. These units are not influenced by external conditions and function well in extreme climates.



*Ethylene glycol should be added to the water when the water inlet temperature is below 5°C .

Flexible piping design

The long piping lengths, high level differences and small refrigerant piping allows for a design with little limitations and leaving maximum space for lettable space.



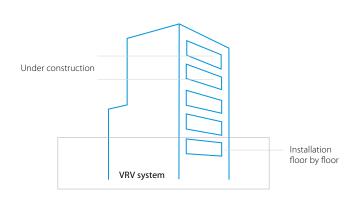
Example

	Air cooled	Water cooled
Total piping length	1,000 m	500 m
Longest length actual (Equivalent)	165 m (190 m)	165 m (190 m)
Longest length after first branch	90 m (1)	40 m (90 m (1))
Level difference between indoor and outdoor units	90 m (1)	50 m (40 m (2))
Level difference between indoor units	30 m	30 m

(1) Contact your local dealer or consult technical literature for more information and restrictions

Phased installation

Installation of the VRV system can be implemented floor by floor, so that sections of the building can be put into use very quickly, or enabling the air conditioning system to be commissioned and operated in stages, rather than on final completion of the project.



Indoor installation

Air cooled

Standard outdoor unit installed indoors

The VRV optimised fan blade shape increases output and reduces pressure loss. Together with the high ESP setting (up to 78.4 Pa), it makes VRV outdoor units ideal for indoor installation using ducts.

VRV IV+ i-series heat pump for indoor installation

The ultimate and unique solution from Daikin is to use the VRV IV+ i-series. This unit is optimised for indoor installation and is the most flexible solution, without the need for a large technical room to put the outdoor unit and it is complete invisible!



Water Cooled

- 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
- Superior efficiency, even in the most extreme outside conditions, especially in geothermal operation

Multiple tenants, one outdoor unit

The multi tenant function ensures that the entire VRV system does not shut down when the main power supply of an indoor is switched off.

This means that the indoor unit's main power supply can be turned off when a part of the building is closed or is being serviced without affecting the rest of the building.

2 solutions according to the needs:

- Service setting, without additional hardware: for service execution within 24 hours
- PCB option: when tenants leave for a longer period (holiday) and the main power supply is shut down

Compact and light

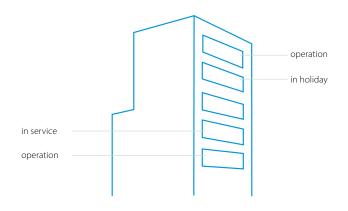
No structural reinforcement necessary

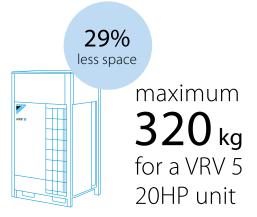
Thanks to the vibration-free and sufficient light construction of the outdoor units, floors do not need to be reinforced, reducing the overall cost of the building.

Up to 29% less space required compared to traditional water-based systems, offering more lettable space

4-sided, 3-row heat exchanger

Thanks to the large surface of the heat exchanger (up to 235 m²) VRV units are compact, light and highly efficient.







surface up to 235 m²

Fast installation and commissioning

Easy servicing

7-segment display

for quick and accurate error diagnosis

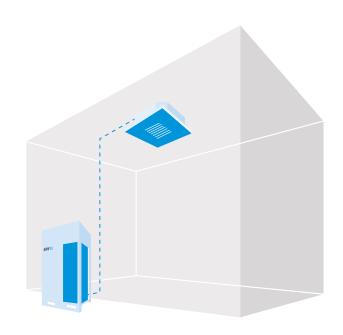
Outdoor unit display for quick on-site settings and easy read out of errors together with the indication of service parameters for checking basic functions.

7 segment display and configurator available on: REYA-A, RXYA-A, REYQ-U, RYYQ-U, RXYQQ-U. Only configurator available on: RXYSA-AV1/AY1, RXYSQ-TV9/TY9/TY1, SB.RKXYQ-T(8).



Quick and easy to install

 All-in-one box solution without any requirement for field supplied equipment (e.g. gauges, pumps and valves)



Compact design

The compact design of the outdoor units is sufficient to allow them to be taken up to the top of a building in a commercial elevator, overcoming site transportation problem, particularly when outdoor units need to be installed on each floor.







Easy and trouble-free installation of the piping network

Daikin unified REFNET piping

Designed for simple installation and optimum flow refrigerant flow

Tightfit - fireless copper pipe connector

- Non-brazed connection designed for refrigerant piping
- Extremely durable
- Unique mechanical and resin sealing
- No special tools needed

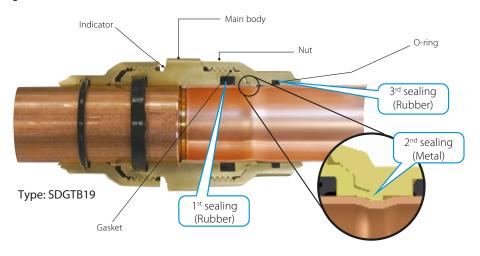


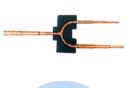
REFNET joint



REFNET header

Tightfit Mechanism





Click here for more information

Easy wiring

Simplified wiring

Shared use of wiring between indoor units, outdoor units and centralised remote control

- Easy retrofit of centralised remote control
- Impossible to make incorrect connections thanks to non polarity wiring
- Sheated wire can be used

Cross wiring check

The cross wiring check function warns operatives of connection errors in inter unit wiring and piping.

Auto Address Setting Function

Wiring can be done without the need of manually setting each address.

* auto adress setting fuction is not available for centralized operation







VRV 5Daikin's future-proof solution

VRV 5, our leading portfolio	RV 5	R-3 2
to decarbonise buildings now		26
Outdoor units		32
 Heat recovery REYA-A9 BS-A14AV1B9 Heat pump RXYA-A RXYSA-AV1/AY1/A SV-A 	NEW NEW NEW	36 36 38 40 40 42 43
Indoor units		46
 Ceiling mounted cassette units FXFA-A FXZA-A FXKA-A Concealed ceiling units Auto cleaning filter FXDA-A FXSA-A Wall mounted FXAA-A Ceiling suspended units FXHA-A 	NEW	51 51 52 53 54 54 55 56 57 58 58 59
FXMA-AFXUA-AFloor standing units	UNIQUE	60 61
Floor standing unitsFXNA-ABiddle air curtains	NEW	61 62
- CYA	NEW	63

Decarbonisation made easy



Top sustainability



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





Full transparency of total life cycle impact

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



- Reduced direct CO₂ impact by 71% compared to R-410A systems
- 68% lower Global Warming
- 15% less refrigerant charge
- Single component refrigerant
- Reduced frequency of F-gas tightness inspections

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

A VRV 5 system for every VRV application

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











Versatile



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





Wide piping flexibility to tackle any VRV application

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



5 low sound steps

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



Continuous heating during defrost

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

29





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



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

Check out the Shîrudo Technology video!



What is included in Shîrudo Technology?

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



Leak detection sensor in every indoor unit



Audible & visual alarm in Madoka controller or via iTM



Shutoff valves in the outdoor unit or SV box



Specially developed algorithms

• Full validation of your project via our Xpress software

Widest R-32 portfolio

Match any application



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

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





Easily integrates fresh air units

- Plug & play ventilation solutions from 150 up to 140,000 m³/h
- For indoor (in-ceiling or floor) and outdoor installation
- Wide choice of filtration options to optimise IAQ
- Offers different energy recovery, air purification, humidification and air discharge temperature control options









Connectable to all Daikin smart controls

Daikin Cloud Plus

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

Onecta app

• Intuitive control, no matter where you are





Excellent support

Wide network of experts with specialised advice



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



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













Capacity class (kW)

	Model	Product name		4	5	6	8	10	12	13	14	16	18	20	22	24	26	28	VRV indoor units	HRV units VAM	HRV units EKVDX	AHU connection	Air curtains	Remarks
	Cooling Capacity						22.4	28.0	33.5	36.4	40.0	45.0	50.4	56.0	61.5	67.4	73.5	78.5						
	Heating Capacity						25.0	31.5	37.5	41.0	45.0	50.0	56.5	63.0	69.0	75.0	82.5	87.5						
Air-cooled heat recovery	Reduced CO ₂ equivalent thanks to the use of lower GWP refrigerant R-32 Top sustainability over the entire lifecycle Free' heating through heat recovery Tackle small room applications thanks to Shirudo Technology The perfect personal comfort thanks to simultaneous cooling and heating	REYA-A9					•	•	•	•	•	•	•	•	•	•	•	•	0	0	0	O NEW	ONEW	
at pump	 Reduced CO₂ equivalent thanks to the use of lower GWP refrigerant R-32 Top sustainability over the entire lifecycle Tackle any room thanks to Shîrudo Technology 	RXYA-A					•	•	•	•	•	•	•	•					0	0	0	O NEW	O NEW	
Air-cooled heat pump	• Reduced CO ₂ equivalent thanks to the use of lower GWP refrigerant R-32 • Top sustainability over the entire lifecycle	RXYSA-	1~	•	•	•																NEW	NEW .	Standard total system connection ratio
	S-series • Unique low -height single fan range • Tackle small room applications thanks to Shîrudo technology	AV1/AY1/A		WEIN										0	0				limit: 50 ~ 130%					

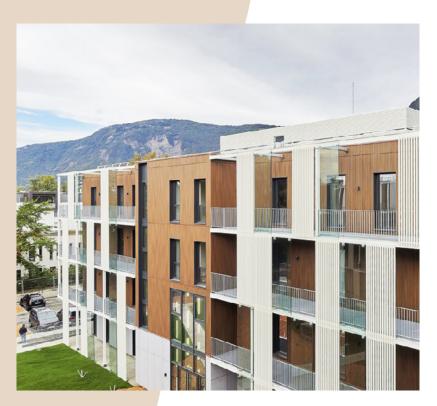
• Single unit, • Multi combination

=

Decarbonisation in practice

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

"A landmark project meeting the highest standards, the Meylan Arteparc sets the bar for designing future-proof buildings that consistently deliver on energy performance and comfort"



Arteparc office complex

Daikin VRV heat pumps contribute to low carbon footprint and is awarded with the HQE excellent label

Location: Grenoble, France

Type: New built, commercial complex

Project size: 25,000m²
Total outdoor units: 115

Challenges:

- Achieve HQE BBC (Low Carbon Building) certification label
- Provide an HVAC system to offset the increased CO₂ emissions, caused by additional use of concrete

Daikin solution:

- Close co-operation between design office and Daikin design support
- In-depth study to optimise the air flows of the full installation to maximise system performance and user experience
- Daikin's VRV 5 with R-32 was crucial to support the required offsetting of CO₂, with a whole life carbon reduction of 27% compared to R-410A solutions







"Daikin offers 24/7 monitoring with predictive maintenance for complete peace-of-mind. Issues are solved before they occur, maximising room availability and customer satisfaction."

Victoria hotel, Park Plaza

Location: Amsterdam, The Netherlands

Type: Refurbishment, Hotel

Project size: 7 floors, 150 rooms, 25m²/room

Total outdoor units: 12

Challenges:

- Provide a future proof, low carbon solution
- Keep historical building exterior intact
- Provide total peace of mind

Daikin solution:

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



VRV 5 Heat Recovery

Top efficiency and comfort solution

- Reduced CO₂ equivalent thanks to the use of lower GWP R-32 refrigerant and lower refrigerant charge
- Single component refrigerant, easy to re-use and recycle
- Greatest sustainability over the entire lifecycle, thanks to market leading real-life seasonal efficiency
- "Free" heat through efficient 3-pipe heat recovery, transferring heat from areas requiring cooling to areas requiring heating and vice versa
- Tackle any room application, thanks to Shîrudo technology
- Specially designed indoor units for R-32, ensuring low sound and maximum efficiency
- Simultaneous cooling and heating for the perfect personal comfort of guests/tenants
- Continuous heating during defrost for multi models
- Maximum installation flexibility with piping lengths up to 165 meters and a total length of 1,000 meters
- Sound pressure down to 40 dB(A) thanks to 5 low sound steps
- ESP up to 78 Pa to allow ducting
- Wide operation range of up to +46°C in cooling and down to -20°C in heating
- Incorporates VRV IV+ standards & technologies: Variable Refrigerant Temperature, continuous heating, 7 segment display and full inverter compressors, 4-side heat exchanger, refrigerant cooled PCB, new DC fan motor



"Free" heating through heat recovery



Simultaneous cooling & heating for maximum comfort



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

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



Environmental product declaration available



Single Unit systen	ns		REYA	8A9	10A9	12A9	14A9	16A9	18A9	20A9		
Capacity range			HP	8	10	12	14	16	18	20		
Cooling capacity	Prated,c		kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0		
Heating capacity	Prated,h		kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0		
	Max.	6°CWB	kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0		
Recommended combination			4 x FXFA50A2VEB	4 x FXFA63A2VEB	6 x FXFA50A2VEB	1 x FXFA50A2VEB + 5 x FXFA63A2VEB	4 x FXFA63A2VEB + 2 x FXFA80A2VEB	3 x FXFA50A2VEB + 5 x FXFA63A2VEB	8 x FXFA63A2VEB			
ηs,c			%	290.8	282.6	285.3	306.1	281.0	280.6	262.2		
ηs,h			%	161.5	170.2	176.4	168.3	167.5	172.5	162.7		
SEER				7.35	7.14	7.21	7.73	7.10	7.09	6.63		
SCOP				4.11	4.33	4.49	4.28	4.26	4.39	4.14		
Maximum number	of connec	table indoor units					64					
Indoor index	Min.			100	125	150	175	200	225	250		
connection	Max.			260	325	390	455	520	585	650		
Dimensions	Unit	HeightxWidthxDepth	mm		1,685x930x765		240x765					
Weight	Unit		kg		213		29	19				
Sound power level	Cooling	Nom.	dBA	78.3	78.8	82.5	78.7	83.7	83.4	87.9		
Sound pressure level	Cooling	Nom.	dBA	56.3	58.0	60.8	58.1	61.4	63.0	67.0		
Operation range	Cooling	Min.~Max.	°CDB									
	Heating	Min.~Max.	°CWB	-20~16								
Refrigerant	Type/GW	Р		R-32/675.0								
	Charge		kg/TCO ₂ Eq		9.00/6.08			10.6	/7.16			
Piping connections	Liquid	OD	mm	9.52 12.7								
	Gas	OD	mm	19	9.1		22.2					
	HP/LP gas	OD	mm	15	i.9		19.1 22.2					
	Total piping length	System Actual	m	1,000								
Power supply	Phase/Fre	equency/Voltage	Hz/V				3N~/50/380-41	5				
Current - 50Hz	Maximun	n fuse amps (MFA)	Α	20	25	3	2	4	40			

















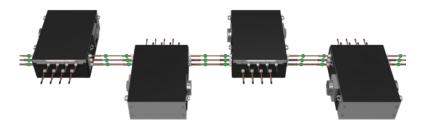
Multi Unit system	s		REYA	10A9	13A9	16A9	18A9	20A9	22A9	24A9	26A9	28A9
System	Outdoor	unit module 1		REM	A5A9		REYA8A9		REYA10A9	REYA8A9	REY	A12A9
	Outdoor	unit module 2		REMA5A9	REY	A8A9	REYA10A9	REYA	12A9	REYA16A9	REYA14A9	REYA16A
Capacity range			HP	10	13	16	18	20	22	24	26	28
Cooling capacity	Prated,c		kW	28.0	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5
Heating capacity	Prated,h		kW	28.0	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5
	Max.	6°CWB	kW	32.0	41.0	50.0	56.5	62.5	69.0	75.0	82.5	87.5
Recommended cor	nbination			4 x FXFA63A2VEB	3 x FXFA50A2VEB + 3 x FXFA63A2VEB		4 x FXFA50A2VEB + 4 x FXFA63A2VEB	10 x FXFA50A2VEB	6 x FXFA50A2VEB + 4 x FXFA63A2VEB	4 x FXFA50A2VEB + 4 x FXFA63A2VEB + 2 x FXFA80A2VEB	7 x FXFA50A2VEB + 5 x FXFA63A2VEB	4 x FXFA63A2VEB 2 x FXFA80A2VE
ηs,c			%	301.9	296.5	293.0	287.5	287.6	283.6	283.4	296.2	282.8
ηs,h			%	160.6	161.5	170.9	170.5	172.2	173.3	165.2	172.0	171.5
SEER				7.62	7.49	7.40	7.26	7.27	7.17	7.16	7.48	7.15
SCOP				4.09	4.11	4.35	4.34	4.38	4.41	4.20	4.38	4.36
Maximum number	of connec	table indoor units						64				
Indoor index	Min.			125	163	200	225	250	275	300	325	350
connection	Max.			325	423	520	585	650	715	780	845	910
Piping connections	Liquid	OD	mm	9.52			12	2.7			15	5.9
	Gas	OD	mm	19.1 22.2						28.6		
	HP/LP gas	OD	mm	15.90		19.10				22.20		
	Total piping length	System Actual	m			500				1,0	000	
Power supply	Phase/Fre	equency/Voltage	Hz/V				18	N~/50/380-4	115			
Current - 50Hz	Maximur	n fuse amps (MFA)	Α		40		5	0		é	53	
Outdoor unit mod	lule		REMA					5A9				
Dimensions	Unit	HeightxWidthxDepth	mm				1,	685x930x76	55			
Weight	Unit		kg					213				
Fan	External static pressure	Max.	Pa					78				
Sound power level	Cooling	Nom.	dBA					78.3				
Sound pressure level	Cooling	Nom.	dBA					56.3				
Operation range	Cooling	Min.~Max.	°CDB					-5~46				
_	Heating	Min.~Max.	°CWB					-20~16				
Refrigerant	Type/GW	P						R-32/675.0				
-	Charge		kg					9.00/6.08				
Power supply		equency/Voltage	Hz/V				31	N~/50/380-4	115			

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

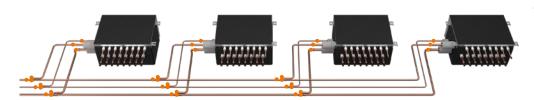
Multi branch selector (BSSV) for VRV 5 Heat Recovery

Completely redesigned for faster installation and easier servicing

Easy installation thanks to fewer brazing points



VRV 5: only 24 brazings point and no joint kits



VRV IV+: 39 brazing points and 3 joint kits

Easy servicing in false ceillings thanks to sliding down PCB













- Unique range of multi BS boxes allowing efficient 3-pipe heat recovery
- NEW No limitation on room size, thanks to Shîrudo Technology (1)
 - Continued operation in case of a leak: only the specific branch is closed, maintaining full operation of the system
- Faster installation thanks to Refrigerant Flow Through reducing the number of brazing points and joint kits
- Easy servicing in false ceilings thanks to sliding down PCB
- **NEW** Limited ceiling void required
- Quick on-site settings, indication of service parameters
 - and easy read out of errors thanks to 7 segment display
 - Up to 16kW capacity available per port
 - Connect up to 250 class unit (28kW) by combining 2 ports
 - No limit on unused ports allowing phased installation
 - Faster installation thanks to open port connection
 - Allows multi tenant applications



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



Branch selector				BS	4A14AV1B9	6A14AV1B9	8A14AV1B9	10A14AV1B9	12A14AV1B9				
Maximum number o	of connectable ind	oor units			20	30	40	50	60				
Maximum number o	of connectable ind	oor units p	er branch				5						
Number of branches	S				4	6	8	10	12				
Maximum capacity i	ndex of connectal	ole indoor	units		400	600		750					
Maximum capacity i	ndex of connectal	ole indoor	units per branch			140 (250 if 2 ports are comb	ined)					
Dimensions	Unit	HeightxV	VidthxDepth	mm	291x600x845	5 291x1,000x845 291x1,400x							
Weight	Unit			kg	39	55	64	81	87				
Casing	Material						Galvanised steel plate	2					
Piping connections	Outdoor unit or	Liquid	Туре		Brazing connection								
	Refrigerant Flow		OD	mm			9.52/12.7/15.9						
	Through	Gas	Туре				Brazing connection						
			OD	mm			15.9/19.1/22.2/28.6						
		Discharg	је Туре				Brazing connection						
		gas	OD	mm			12.7/15.9/19.1/22.2						
	Indoor unit	Liquid	Туре				Brazing connection						
			OD	mm			6.35/9.52						
		Gas	Type				Brazing connection						
			OD	mm			9.52/12.7/15.9						
	Drain						VP20 (I.D. 20/O.D. 26)						
Units connected in	Maximum allowe	d amount	of BS units				4						
Refrigerant Flow	Maximum total n	umber of p	orts of BS units				16						
Through	Maximum total ca	apacity inc	lex of indoor unit				750						
Sound absorbing th	ermal insulation					Ureth	ane foam, polyethylen	e foam					
System safety	Duct connection	diameter o	on unit	mm			160.0						
requirements	Duct connection	positions			Left/Right								
Power supply	Phase						1~						
	Frequency			Hz			50						
Voltage V			V			220-440							
	Maximum fuse an	mps (MFA)		Α			15						

Contains fluorinated greenhouse gases | (1) Refer to Xpress selection software to ensure compliance to specific product standard.

VRV 5 Heat Pump

Daikin's solution for comfort & low energy consumption

- Reduced CO, equivalent thanks to the use of lower GWP R-32 refrigerant and lower refrigerant charge
- Single component refrigerant, easy to re-use and recycle
- Greatest sustainability over the entire lifecycle, thanks to market leading real-life seasonal efficiency
- Tackle small room applications without any additional measures, thanks to Shîrudo Technology
- Specially designed indoor units for R-32, ensuring low sound and maximum efficiency
- Continuous heating during defrost for multi models
- Like for like R-410A installation flexibility with piping lengths up to 165 meters and a total length of 1,000 meters
- Sound pressure down to 40 dB(A) thanks to 5 low sound steps
- ESP up to 78 Pa to allow ducting
- Wide operation range of up to +46°C in cooling and down to -20°C in heating
- Incorporates VRV standards & technologies: Variable Refrigerant Temperature, continuous heating, 7 segment display and full inverter compressors, 4-side heat exchanger, refrigerant cooled PCB



Wide piping flexibility to tackle any VRV application



5 low sound steps



Flexibility to take care of every room



Environmental product declaration available



RXYA-A

Single Unit system	ns		RXYA	8A	10A	12A	14A	16A	18A	20A
Capacity range			HP	8	10	12	14	16	18	20
Cooling capacity	Prated,c		kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0
Heating capacity	Prated,h		kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0
	Max.	6°CWB	kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0
Recommended cor	mbination			4 x FXFA50A2VEB	4 x FXFA63A2VEB	6 x FXFA50A2VEB	1x FXFA50A2VEB + 5 x FXFA63A2VEB	4 x FXFA63A2VEB + 2 x FXFA80A2VEB	3 x FXFA50A2VEB + 5 x FXFA63A2VEB	8 x FXFA63A2VEB
ηs,c			%	287.3	279.3	278.7	302.2	276.6	271.6	257.6
ηs,h			%	161.5	170.2	176.4	168.3	167.5	172.5	162.7
SEER				7.26	7.06	7.04	7.63	6.99	6.87	6.52
SCOP				4.11	4.33	4.49	4.28	4.26	4.39	4.14
Maximum number	of connec	table indoor units					64 (1)			
Indoor index	Min.			100	125	150	175	200	225	250
connection	Nom.						-			
	Max.			260	325	390	455	520	585	650
Dimensions	Unit	HeightxWidthxDepth	mm		1,685 x930 x765	5		1,685 x1,	240 x765	
Weight	Unit		kg		214		2	97	3:	20
Sound power level	Cooling	Nom.	dBA	78.3	78.8	82.5	79.5	83.7	83.4	87.9
Sound pressure level	Cooling	Nom.	dBA	56.3	58.0	60.8	59.0	61.6	63.0	67.0
Operation range	Cooling	Min.~Max.	°CDB				-5 ~46			
	Heating	Min.~Max.	°CWB				-20 ~16			
Refrigerant	Type/GW	P					R-32/675.0			
	Charge		kg/tCO2Eq		9.00/6.08			10.6	/7.16	
Piping connections	s Liquid	OD	mm	9.	52			12.70		
	Gas	OD	mm	19	9.1	22	2.2	28.6		
	Total piping length	System Actual	m				1,000 (6)			
Power supply	Phase/Fre	equency/Voltage	Hz/V				3N~/50/380-41	5		
Current - 50Hz	Massimaria	n fuse amps (MFA)	Α	20	25	2	2		10	50













Multi Unit system	S		RXYA	10A	13A	16A	18A	20A
System	Outdoor	unit module 1		RYM	1A5A		RXYA8A	
	Outdoor	unit module 2		RYMA5A	RXY	′A8A	RXYA10A	RXYA12A
Capacity range			HP	10	13	16	18	20
Cooling capacity	Prated,c		kW	28.0	36.4	44.8	50.4	55.9
Heating capacity	Prated,h		kW	28.0	36.4	44.8	50.4	55.9
	Max.	6°CWB	kW	32.0	41.0	50.0	56.5	62.5
Recommended cor	mbination			4 x FXFA63A2VEB	3 x FXFA50A2VEB + 3 x FXFA63A2VEB	4 x FXFA63A2VEB + 2 x FXFA80A2VEB	4 x FXFA50A2VEB + 4 x FXFA63A2VEB	10 x FXFA50A2VE
ηs,c			%	299.1	293.8	281.9	284.1	283.2
ηs,h			%	160.6	161.5	170.9	170.5	172.2
SEER				7.55	7.42	7.12	7.18	7.16
SCOP				4.09	4.11	4.35	4.34	4.38
Maximum number	of connec	table indoor units				64 (1)		
Indoor index	Min.			125	163	200	225	250
connection	Nom.					-		
	Max.			325	423	520	585	650
Sound power level	Cooling	Nom.	dBA		81.3		81.6	83.9
	Heating	Nom.	dBA		82.4		83.1	84.8
Sound pressure level	Cooling	Nom.	dBA		59.3		60.2	62.1
Piping connections	Liquid	OD	mm	9.50		12.	.70	
	Gas	OD	mm	19.1	22.2		28.6	
	Equalizing	OD	mm			19.1		
	Total piping length	System Actual	m			500		
Power supply	Phase/Fre	equency/Voltage	Hz/V			3N~/50/380-415		
Current - 50Hz	Maximun	n fuse amps (MFA)	A		40		5	0
Outdoor unit mod	lule		RYMA			5A		
Dimensions	Unit	HeightxWidthxDepth	mm			1,685 x930 x765		
Weight	Unit		kg			214		
Fan	External static pressure	Max.	Pa			78		
Sound power level	Cooling	Nom.	dBA			78.3		
Sound pressure level	Cooling	Nom.	dBA			56.3		
Operation range	Cooling	Min.~Max.	°CDB			-5 ~46		
	Heating	Min.~Max.	°CWB			-20 ~16		
Refrigerant	Type/GW	P				R-32/675.0		
	Charge		kg/tCO2Eq			9.00/6.08		
Power supply	Phase/Fre	equency/Voltage	Hz/V			3N~/50/380-415		
Current - 50Hz	Maximun	n fuse amps (MFA)	Α			20		

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









VRV 5 S-series

Lower CO₂ equivalent and market-leading flexibility

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







5 low sound steps

Flexibility to take care of every room



Environmental product declaration available





RXYSA-AV1

RXYSA-AY1

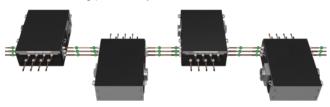
										NEW	NEW	NEW
Outdoor uni	t	R)	XYSA	4AV1	5AV1	6AV1	4AY1	5AY1	6AY1	8A	10A	12A
Capacity rang	je		HP	4	5	6	4	5	6	8	10	12
Cooling capacity	Prated,c		kW	12.1	14.0	15.5	12.1	14.0	15.5	22.4	28.0	33.5
Heating	Prated, h		kW	12.1	14.0	15.5	12.1	14.0	15.5	22.4	28.0	33.5
capacity	Max.		kW	14.2	16.0	18.0	14.2	16.0	18.0	25.0	31.5	37.5
Recommende	ed combinatior	1		3x FXSA25A2VEB + 1x FXSA32A2VEB	4x FXSA32A2VEB	2x FXSA32A2VEB + 2x FXSA40A2VEB	3x FXSA25A2VEB + 1x FXSA32A2VEB	4x FXSA32A2VEB	2x FXSA32A2VEB + 2x FXSA40A2VEB	4x FXSA50A2VEB	4x FXSA63A2VEB	6x FXSA50A2VEB
SEER				8.2	7.7	7.6	7.9	7.4	7.3	6.4	6.9	6.5
SCOP				5.1	4	.7	4.9	4	.5	4	.4	4.6
ηs,c			%	324.5	306.1	301.0	312.5	294.8	289.9	251.4	274.2	255.8
ηs,h			%	200.5	185.7	183.6	193.1	178.8	176.8	17.	3.8	182.6
Dimensions	HxWxD		mm			869x1,1	00x460			1,430x940x320	1,615x9	40x460
Weight			kg			10	02			144	18	30
Sound power	Cooling		dB(A)	67.0	68.1	69.0	67.0	68.1	69.0	73.2	74.0	76.1
level	Heating		dB(A)	69.0	70.0	71.0	69.0	70.0	71.0	73.5	74.0	76.0
Sound pressure level	Cooling	(dB(A)	49.0	51	.0	49.0	51	1.0	58.1	57.0	60.0
Operation	Cooling	Min °C	°CDB			-5 ~	~ 46				-5 ~ 52	
range	Heating	Max °C	°CWB			-20	~ 16				-20 ~ 15.5	
Refrigerant	Type/GWP					R-32/	/675.0				R-32/675.0	
	Charge	kg/tCO2	kg			3.40	/2.30			5.2/3.51	7/4.73	7.1/4.79
Piping	Liquid OD		mm			9.	52			9	.5	12.7
connections	Gas OD		mm			15	5.9			19	9.1	22.2
	H/P/LP gas OE)	mm									
	Tot. pip. length	Sys. actual	m			30	00				300	
Power supply	Phase/Freq./\	/oltage	Hz/V		1~/50/220-240		3	N~/50/380-41	5		3N~/50/380-41	5
Current - 50Hz	z Max. fuse amp	os (MFA)	Α		32			16		2	25	32

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

Optional Shut off valve box (SV)

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

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



• Easy servicing in false ceilings thanks to sliding down PCB



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



SV4A14A





SV-A

Combination table

	RXYSA8-10-12A	RXYA-A
SV1A25A	•	•
5V4A14A	•	•
5V6A14A	•	•
SV8A14A	•	•

Shut off valve bo	x				SV1A25A		SV*A14A						
Maximum numbe	r of connectable i	ndoor uni	its		5	20	30	40					
Maximum numbe	r of connectable i	ndoor uni	ts per branch				5						
Number of brancl	nes				1	4	6	8					
Maximum capacit	y index of connec	table indo	oor units		250	400	600	650					
Maximum capacit	y index of connec	table indo	oor units per brar	nch	250 140								
Dimensions	Unit	Heightx\	WidthxDepth	mm	291x60	00x845	291x1,0	000x845					
Piping	Outdoor unit or		Туре			Brazing co	onnection						
connections	Refrigerant Flow	1	OD	mm		9.52, 12	2.7, 15.9						
	Through	Gas	Type			Brazing co	onnection						
			OD	mm		15.9, 19.1,	22.2, 28.6						
	Indoor unit	Liquid	Type		Brazing connection								
			OD	mm	6.35, 9.52								
		Gas	Туре			Brazing co	Brazing connection						
			OD	mm		9.52, 12	2.7, 15.9						
	Drain					VP20 (I.D. 2	20/O.D. 26)						
	n Maximum allow	ed amour	nt of BS/SV units			4	1						
Refrigerant Flow	Maximum total nu	umber of p	orts of BS/SV unit	S		1	6						
Through	Maximum total c	apacity in	dex of indoor uni	t		65	50						
Sound absorbing	thermal insulation	1				Polyethyl	ene foam						
System safety	Duct connection	diameter o	on unit	mm		160	0.0						
requirements	Duct connection	positions			Left/Right								
Power supply	Phase				1~								
	Frequency			Hz	50								
	Voltage			V	V 220-440								
	Maximum fuse a	mps (MFA	A)	Α	6								

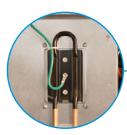
Contains fluorinated greenhouse gases

VRV 5 - Technical benefits



7-segment display for quick and accurate error diagnostics

- Outdoor unit display for quick on-site settings and easy read out of errors
- Indication of service parameters for checking basic functions



Refrigerantcooled PCB

- Reliable cooling because it is not influenced by ambient air temperature
- Smaller switchbox for smoother air flow through the heat exchanger, increasing heat exchange efficiency by 5%



Asymmetric fan design

- High ESP up to 78Pa to allow ducting
- Low sound levels down to 40 dB(A)



4-sided, 3-row heat exchager

 Thanks to the large surface of the heat exchanger (up to 235m²) VRV units are compact, light and highly efficient



Unmatched piping flexibility

- Longest length up to 165m
- Total length 1,000m



New inverter compressor

- Specifically developed for R-32 refrigerant
- Back pressure control increasing efficiency in low load operation



New casing design with 4 handles for easy carrying

Specially

designed

Low pressure drop

reach of the fan

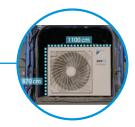
• No risk for accidental

grille



New asymmetric fan design

- Two high ESP settings
- Low sound levels



Compact dimensions

• Easy to transport thanks to compact size and single-fan design

- With integrated:
- cool/heat selector input
- 7-segment display for quicker and more precise error and setting reading



Refrigerant cooled PCB

Unique 3-row heat exchanger

Contributes to top seasonal efficiency



Unique Daikin swing compressor

- No abrasion possible
- No refrigerant leak possible
- High seasonal efficiencies

New stop valves

- Repositioned to allow front or side connection
- Brazed for increased reliability





Indoor units

•	VRV 5 indoor unit benefit overview		49
•	FXFA-A Round flow cassette		51
•	FXZA-A Fully flat cassette		51
•	FXKA-A Ceiling mounted corner cassette	NEW	53
•	BAE20A Auto cleaning filter for concealed ceiling units		54
•	FXDA-A Slim concealed ceiling unit		55
•	FXSA-A Concealed ceiling unit with medium ESP		56
•	FXMA-A Concealed ceiling unit with high ESP		57
•	FXAA-A Wall mounted unit		58
•	FXHA-A Ceiling suspended unit		59
•	FXUA-A 4-way blow ceiling suspended unit		60
•	FXNA-A Concealed floor standing unit	NEW	61
	CYA-DK-F/C/R Biddle air curtains	NEW	62

Capacity class (kW)

VRV 5 indoor unit overview

Туре	Model		Product name	10	15	20	25	32	40	50	63	71	80	100	125	140	200	250
cassette	UNIQUE Round flow cassette	360° air discharge for optimum efficiency and comfort Auto cleaning function ensures high efficiency Intelligent sensors save energy and maximise comfort Flexibility to suit every room layout Lowest installation height in the market! Widest choice ever in decoration panel designs and colors	FXFA-A			•	•	•	•	•	•		•	•	•		St	UV reame kit
Ceiling mounted cassette	UNIQUE Fully flat cassette	Unique design that integrates fully flat into the ceiling Perfect integration in standard architectural ceiling tiles Blend of iconic design and engineering excellence Intelligent sensors save energy and maximise comfort Small capacity unit developed for small or well-insulated rooms Flexibility to suit every room layout	FXZA-A		•	•	•	•	•	•								
O	NEW 1-way blow cassette	New modern decoration panel New modern decoration panel New modern decoration panel	FXKA-A			•	•	•	•	•	•							
Di Di	Slim concealed ceiling unit	Slim design for flexible installation Compact dimensions enable installation in narrow ceiling voids Medium external static pressure up to 44Pa Only grilles are visible Small capacity unit developted for small of well-insulated rooms Reduced energy consumption thanks to DC fan motor	FXDA-A	•	•	•	•	•	•	•	•						cle	Auto eanin filter option
Concealed ceiling	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		Unique for R-32		•	•	•	•	•	•		•	•	•	•		
		ESP up to 250 Pa, ideal for extra large sized spaces Optimum comfort guaranteed no matter the length of ductwork or type of grilles, thanks to automatic air flow adjustment Large capacity unit: up to 31.5 kW heating capacity	FXMA-A							•	•		•	•	•		•	•
Wall	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	a.)	•	•	•	•	•	•	•							
ended	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	FXНА-А					•		•	•			•				
Ceiling suspended	4-way blow ceiling suspended unit	Unique Daikin unit for high rooms with no false ceilings nor free floor space Rooms with ceilings up to 3.5m can be heated up or cooled down very easily! Can easily be installed in both new and refurbishment projects Intelligent sensors save energy and maximise comfort Flexibility to suit every room layout	FXUA-A							•		•		•				
Floor	Concealed floor standing unit	Ideal for installation in offices, hotels and residential applications Discretely concealed in the wall, leaving only the suction and discharge grilles visible Can even be installed underneath a window Requires very little installation space as the depth is only 200mm High ESP allows flexible installation	FXNA-A		•	•	•	•	•									
Coolir	ng capacity (kW)¹		1.1	1.7	2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0	11.2	14.0	16.0	22.4	28.0
Heatir	ng capacity (kW) ²		1.3	1.9	2.5	3.2	4.0	5.0	6.3	8.0	9.0	10.0	12.5	16.0	18.0	25.0	31.5

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

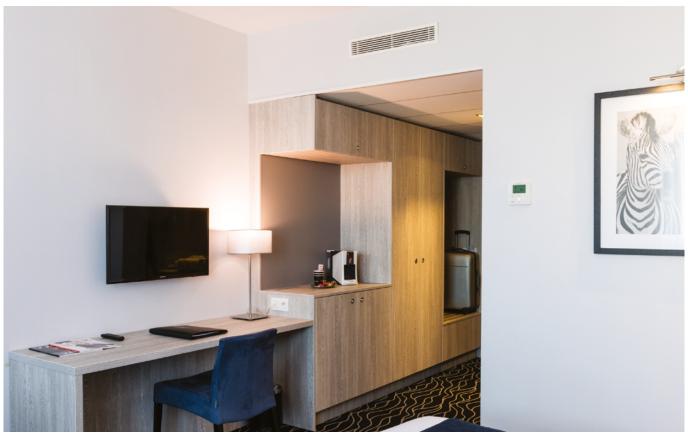
Biddle air curtains

Туре	Product name		Model										
Free- hanging	CYA-S/M/L-DK-F		Connectable to ERQ and VRV units Unified range for R-32 and R-410A refrigerant Payback period of less then 1.5 years compared to installing an electric air curtain	3 Door height (m) 2	2.3m	2.5m	3.0m	2.15m	2.4m	2.75m	2.0m	2.3m	2.5m
Cassette	· CYA-S/M/L-DK-C		Mounted into a false ceiling leaving only the decoration panel visible Connectable to ERQ and VRV units Unified range for R-32 and R-410A refrigerant Payback period of less then 1.5 years compared to installing an electric air curtain	Installation condition	S Favou	M rable	L	S Norma ex: little	M I	L vind.		M ourable	
Recesse	d CYA-S/M/L-DK-R	COM	Neatly concealed in the ceiling Connectable to ERQ and VRV units Unified range for R-32 and R-410A refrigerant Payback period of less then 1.5 years compared to installing an electric air curtain		mall o	r revolvir ntrance		no opp doors, l	osite op ouilding I floor on	en with	corner	or squar le floors or open si	re,

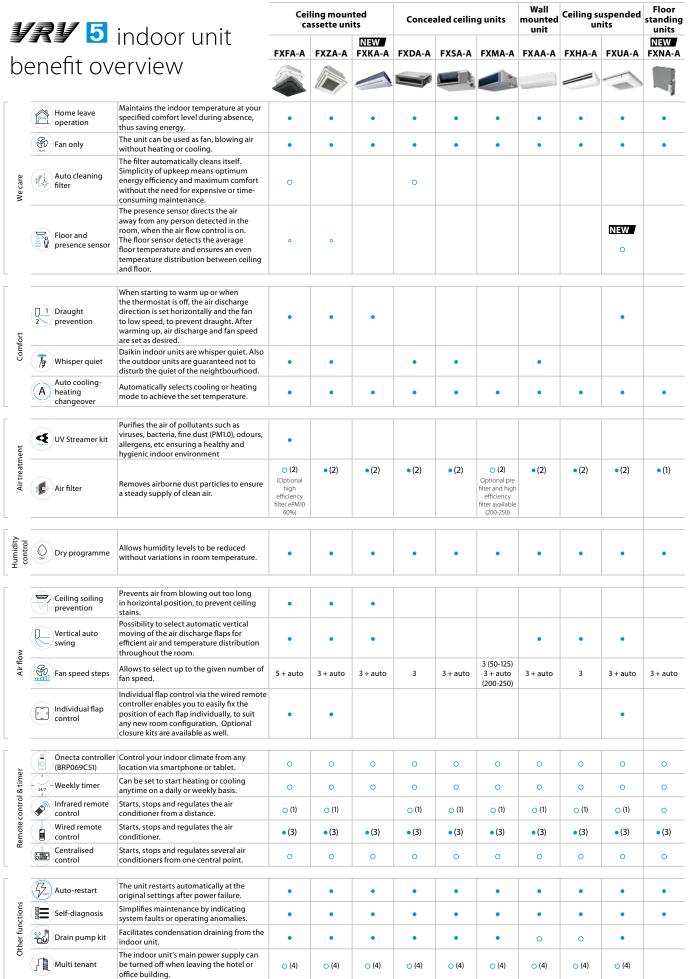




Round flow cassette 4-way blow ceiling suspended unit



Slim concealed ceiling unit



• standard o optional

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

⁽²⁾ Pre filter

⁽³⁾ BRC1H52W7/S7/K7 is a required option

⁽⁴⁾ In combination with REYA/RXYA/RXYSA8-12 outdoor units (for more information contact your sales representative).



Complete indoor comfort, including pure air

The round flow cassette

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



Black auto cleaning panel



Black designer panel



Full white standard panel



White designer panel

- Auto cleaning panel keeps the filter free of dust for maximum efficiency
- UV streamer kit
 - Purifies the air of pollutants such as viruses, bacteria, fine dust PM1, odours, allergens, etc ensuring a healthy and hygienic indoor environment
 - Unique catch & clean approach includes an ISO ePM1 60% (F7) filter, UV-C light and Streamer technology
 - Can be **retrofitted** into existing installations



floor sensor

presence sensor



99.9%

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

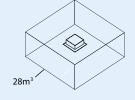
Catch & Clean approach

Tested at Intertek

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

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

Tested according to real life sized room





View full test report:





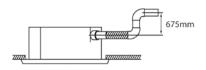


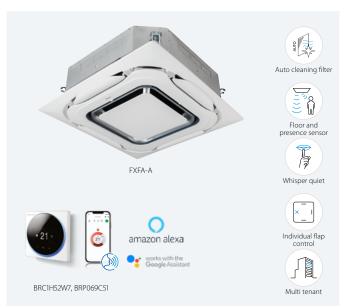


Round flow cassette

360° air discharge for optimum efficiency and comfort

- Optimised design for R-32 refrigerant
- Optional automatic filter cleaning panel results in higher efficiency & comfort and lower maintenance costs
- Two optional intelligent sensors improve energy efficiency and comfort
- Widest choice ever in decoration panels: designer panels in white (RAL9010) and black (RAL9005) and standard panels in white (RAL9010) with grey louvers or full white
- Bigger flaps and unique swing pattern improve equal air distribution
- Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- Lowest installation height in the market: 214mm for class 20-63
- UV streamer kit, purifies the air of pollutants such as viruses, bacteria, fine dust (PM1.0), odours, allergens, etc ensuring a healthy and hygenic indoor environment
- Optional fresh air intake
- Standard drain pump with 675mm lift increases flexibility and installation speed













e panel White auto cleaning panel

anel Black de



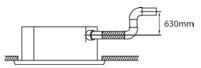
FXFA-A

												F)	KFA-A	
Indoor Unit				FXFA	20A	25A	32A	40A	50A	63A	80A	100A	125A	
5 · · · · · · · · · · · · · · · · · · ·	Total capacity	At high fa	an speed	kW	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	
	Total capacity	At high fa	an 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 fa	an speed	kW		0.017		0.018	0.023	0.028	0.045	0.078	0.103	
	Heating	At high fa	an speed	kW		0.017		0.018	0.023	0.028	0.045	0.078	0.103	
Dimensions	Unit	HeightxV	VidthxDepth	mm		204x840x840 246x840x840								
Weight	Unit			kg		18		19	2	21	2	4	26	
Casing	Material							Galv	anised steel	plate				
Decoration panel	Model				Standard pa	Auto cl	eaning pan	nite with grey els: BYCQ140 anels: BYCQ1)E2GFW1 - w	hite / BYCQ	140E2GFW1	B - black	2W1B - black	
	Dimensions	HeightxV	VidthxDepth	mm	Standard	d panels: 65	x950x950/	Auto cleani	ng panels: 14	48x950x950	/ Designer	panels: 106	x950x950	
	Weight			kg		Stand	lard panels:	5.5 / Auto c	leaning pan	els: 10.3 / De	esigner pane	els: 6.5		
	Air flow rate - 50Hz	e - medium / medium low / Iz low fan speed				/11.8/10.7/9.8	3/8.9	14.8/13.7/12.6/ 11.5/10.4	15.1/14.0/12.8/ 11.8/10.7	16.6/15.0/13.3/ 12.0/10.7	23.3/21.7/19.3/ 16.5/13.8	7/19.3/ 28.8/25.1/21.2/ 33.0/30 13.8 17.5/13.8 24.0		
		Heating	At high / medium high / medium / medium low / low fan speed	m³/min	12.8	/11.8/10.7/9.8	3/8.9	14.8/13.7/12.6/ 11.5/10.4	15.1/14.0/12.8/ 11.8/10.7	16.6/15.0/13.3/ 12.0/10.7	23.3/21.7/19.3/ 16.5/13.8	29.0/25.1/21.2/ 17.5/13.8	33.0/30.2/27.4, 24.0/20.6	
Air filter	Туре		·						Resinnet					
Sound power level	Cooling	At high fa	an speed	dBA		49.0		5	1.0	53.0	55.0	60.0	61.0	
Sound pressure level	Cooling		medium high / / medium low / peed	dBA	31.0/3	0.0/29.0/29.	5/28.0	33.0/32.0/3	1.0/30.0/29.0	35.0/34.0/33.0/ 32.0/30.0	38.0/36.0/34.0/ 32.0/30.0	43.0/41.0/37.0/ 34.0/30.0	45.0/43.0/41.0/ 39.0/36.0	
	Heating At high / medium high / dB medium / medium low / low fan speed				31.0/3	0.0/29.0/29.	5/28.0	33.0/32.0/3	1.0/30.0/29.0	35.0/34.0/33.0/ 32.0/30.0	38.0/36.0/34.0/ 32.0/30.0	43.0/41.0/37.0/ 34.0/30.0	45.0/43.0/41.0/ 39.0/36.0	
Refrigerant	Type/GWI)							R-32/675.0					
Piping connections	,,							6.35				9.	52	
	Gas OD m					9.52			12	.70		15	.90	
	Drain				VP25 (O.D. 32 / I.D. 25)									
Power supply	Phase/Fre	quency/V	oltage	Hz/V				1~/50	0/60/220-24	0/220				
Current - 50Hz	Maximum fuse amps (MFA)								6					
Control systems	Infrared re	emote con	itrol				BRC7FA53	2F / BRC7FB	532F / BRC7F	A532FB / BF	RC7FB532FB			
	Wired ren	note contr	ol			BRC1H52W7/S7/K7								

Fully flat cassette

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

- Optimised design for R-32 refrigerant
- Fully flat integration in standard architectural ceiling tiles, leaving only 8mm
- Remarkable blend of iconic design and engineering excellence with an elegant finish in white or a combination of silver and white
- Two optional intelligent sensors improve energy efficiency and comfort
- 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- Optional fresh air intake
- Standard drain pump with 630mm lift increases flexibility and installation speed







FX7A-A

Indoor Unit				FXZA	15A	20A	25A	32A	40A	50A							
Cooling capacity	Total capacity	At high fa	an speed	kW	1.70	2.20	2.80	3.60	4.50	5.60							
Heating capacity	Total capacity	At high fa	an speed	kW	1.90	2.50	3.20	4.00	5.00	6.30							
Power input - 50Hz	Cooling	At high fa	an speed	kW	0.0	018	0.020	0.019	0.029	0.048							
•	Heating	At high fa	an speed	kW	0.0	018	0.020	0.019	0.029	0.048							
Dimensions	Unit	HeightxV	VidthxDepth	mm			260x5	75x575									
Weight	Unit			kg		15.5		16	i.5	18.5							
Casing	Material						Galvanised	l steel plate									
Decoration panel	Model						BYFQ60	C4W1W									
	Colour						White	(N9.5)									
	Dimensions	HeightxV	VidthxDepth	mm			46x62	0x620									
	Weight			kg			2	.8									
Decoration panel 2	Model						BYFQ6	0C4W1S	E4W1S ER x620 e harness EKRS23								
	Colour						SIL	/ER 0x620 8 Ire harness EKRS23									
	Dimensions	HeightxV	VidthxDepth	mm			46x62	0x620									
	Weight			kg			2	.8									
Decoration panel 3	Model					E	BYFQ60B3W1 + w	+ wire harness EKRS23									
	Colour						WHITE (I	RAL9010)									
	Dimensions	HeightxV	VidthxDepth	mm			55x70	0x700									
	Weight			kg			2	.7									
Fan	Air flow rate -	Cooling	At high / medium / low fan speed	m³/min	8.5/7.0/6.5	8.7/7.5/6.5	9.0/8.0/6.5	10.0/8.5/7.0	11.5/9.5/8.0	14.0/12.5/10.0							
	50Hz	Heating	At high / medium / low fan speed	m³/min	8.5/7.0/6.5	8.7/7.5/6.5	9.0/8.0/6.5	10.0/8.5/7.0	11.5/9.5/8.0	14.0/12.5/10.0							
Air filter	Туре						Resi	n net									
Sound power level	Cooling	At high fa	an speed	dBA	4	! 9	50	51	54	60							
Sound pressure	Cooling	At high / m	nedium / 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							
level	Heating	At high / m	nedium / 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/GWF						R-32/	/675.0									
Piping connections	Liquid	OD		mm			6.	35									
	Gas	OD		mm		9.	.52		12	70							
	Drain						VP20 (I.D.	20/O.D. 26)									
Power supply	Phase/Fre	quency/V	oltage	Hz/V			1~/50/60/2	20-240/220									
Current - 50Hz	Maximum	fuse amp	s (MFA)	Α				6									
Control systems	Infrared re	mote con	ntrol		BRC7F5	30W (white panel)) / BRC7F530S (gre	y panel) / BRC7EE	530W (standard p	oanel) (1)							
Control systems	Wirod rom	ote contr	ol .				PDC1U52	W7/S7/K7									

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



Ceiling mounted corner cassette

1-way blow unit for corner installation

- Optimised design for R-32 refrigerant
- Compact dimensions enable installation in narrow ceiling voids (only 200mm high)

NEW • New modern decoration panel

- The air is comfortably spread up- and downwards thanks to 5 different discharge angles that can be programmed via the remote control
 - Optional fresh air intake
 - Standard drain pump increases flexibility and installation speed

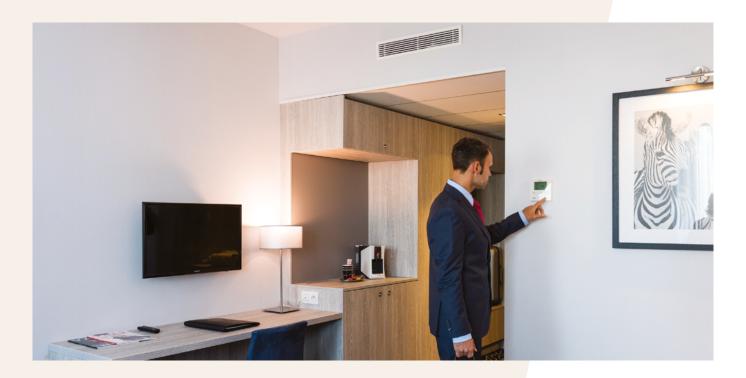




FXKA-A

Indoor Unit			FXKA	20	25	32	40	50	63
Cooling capacity	Total capacity	At high fan speed	kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Total capacity	At high fan speed	kW	2.5	3.2	4	5	6.3	8
Power input - 50Hz	Cooling	At high fan speed	kW	0.024	0.024	0.033	0.038	0.055	0.118
	Heating	At high fan speed	kW	0.024	0.024	0.033	0.038	0.055	0.118
Dimensions	Unit	HeightxWidthxDepth	mm		200x840x470			200x1,240x470	
Weight	Unit		kg	17	17	18	23	23	23
Casing	Material					Galvanised	steel plate		
Decoration panel	Model				BYK32G			BYK63G	
	Dimensions	HeightxWidthxDepth	mm	80x950x550 80x1,350x550					
	Weight		kg						
Fan	Airflow rate	Cooling At high / medium / low fan speed	m³/min	7.1,	6/5	8.5/7.3/6	12.9/11/9.1	15.5/13.2/11	21.5/17/14.1
Air filter	Type					Resi	n net		
Sound power level	Cooling	At high / medium / low fan speed	dBA	46.0/4	3.5/41.0	50.5/48.5/46.5	52.5/50.0/48.0	57.0/52.5/50.0	61.5/57.0/52.5
	Heating	At high / medium / low fan speed		50.0/4	6.0/41.5	52.5/49.5/47.0	53.0/50.5/48.0	58.0/53.0/50.5	63.5/58.0/53.0
Sound pressure	Cooling	At high / medium / low fan speed	dBA	32.0/2	7.5/22.5	37.0/34.0/31.5	38.5/34.5/31.5	42.0/38.0/34.5	48.5/43.5/38.5
level	Heating	At high / medium / low fan speed	dBA	36.0/3	1.0/25.5	39.0/35.5/32.5	39.5/36.0/32.5	44.0/39.5/36.0	49.0/44.0/39.5
Refrigerant	Type/GWI	P				R-32	2/675		
Piping connections	Liquid	OD	mm	mm 6.35					
	Gas	OD	mm	mm 9.52 12.7					
	Drain					VP25 (O.D.	. 32/I.D. 25)		
Power supply			Hz/V			1~/50/60/2	20-240/220		
Current - 50Hz	Maximum	n fuse amps (MFA)	Α	A 6					

Contains fluorinated greenhouse gases



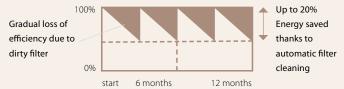
Auto cleaning filter for concealed ceiling units

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

Reduce running costs

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

Efficiency profile change for duct indoor unit during operation



Minimal time required for filter cleaning

- The dust box can be emptied with a vacuum cleaner for fast and easy cleaning
- No more dirty ceilings

Improved indoor air quality

· Optimum airflow eliminates draft and insulates sound

Superb reliability

Prevents clogged filters for seamless operation

Unique technology

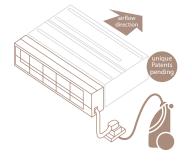
by the Daikin auto cleaning cassette



• Unique and innovative filter technology inspired

Combination table

	S	plit/	Sky A	ir	VRV							
		FDX	M-F9		FXDA-A/FXDQ-A3							
	25	35	50	60	15	20	25	32	40	50	63	
BAE20A62	•	•			•	•	•	•				
BAE20A82									•	•		
BAE20A102			•	•							•	



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





Specifications

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

FXDA-A BLUEVOLUTION

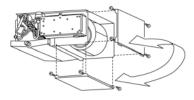
Slim concealed ceiling unit

Slim design for flexible installation

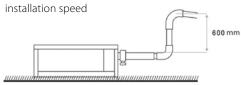
- Optimised design for R-32 refrigerant
- 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- Compact dimensions, can easily be mounted in a ceiling void of only 240mm



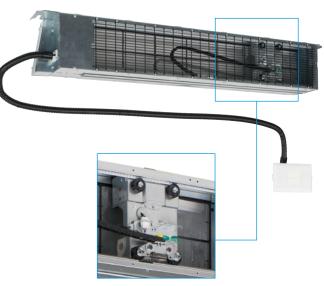
- Medium external static pressure up to 44Pa facilitates unit use with flexible ducts of varying lengths
- Discretely concealed in the wall: only the suction and discharge grilles are visible
- Optional auto cleaning filter option ensures maximum efficiency, comfort and reliability by regular filter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



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







Auto cleaning filter option



FXDA-A

Indoor Unit				FXDA	10A	15A	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	At high fa	an speed	kW	1.10	1.70	2.20	2.80	3.60	4.50	5.60	7.10
Heating capacity	Total capacity	At high fa	an speed	kW	1.30	1.90	2.50	3.20	4.00	5.00	6.30	8.00
Power input - 50Hz	Cooling	At high fa	an speed	kW	0.026	0.035	0.	.030	0.035	0.038	0.049	0.058
	Heating	At high fa	an speed	kW	0.026	0.035	0.	.030	0.035	0.038	0.049	0.058
Required ceiling vo	id >			mm				24	40			
Dimensions	Unit	HeightxV	VidthxDepth	mm		:	200x750x62	0		200x9	50x620	200x1,150x620
Weight	Unit			kg	22	2.0		23.0		20	5.5	30.5
Casing	Material							Galvani	sed steel			
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m³/min	5.2/4.9/4.7	6.5/6.2/5.8		8.0/7.2/6.4		10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0
		Heating	At high / medium / low fan speed	m³/min	5.2/4.9/4.7	6.5/6.2/5.8		8.0/7.2/6.4		10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0
	External static pressure - 50Hz	Factory s	et / High	Pa			10/30				15/44	
Air filter	Type							Removable	/ washable			
Sound power level	Cooling	At high fa	n speed	dBA	48	50		51		52	53	54
Sound pressure	Cooling	At high / m	nedium / low fan speed	dBA	29.0/28.0/26.0	32.0/31.0/27.0		33.0/31.0/27.0		34.0/32.0/28.0	35.0/33.0/29.0	36.0/34.0/30.0
level	Heating	At high / m	nedium / low fan speed	dBA	29.0/28.0/26.0	32.0/31.0/27.0		33.0/31.0/27.0		34.0/32.0/28.0	35.0/33.0/29.0	36.0/34.0/30.0
Refrigerant	Type/GWF)						R-32,	675.0			
Piping connections	Liquid	OD		mm					5			
	Gas	OD		mm			9.52				12.70	
	Drain							VP20 (I.D.	20/O.D. 26)			
Power supply	Phase/Fre			Hz/V				1~/50/60/2	20-240/220			
Current - 50Hz	Maximum	fuse amp	s (MFA)	Α					5			
Control systems	Infrared re	emote con	itrol					BRC4	C65 (1)			
	Wired rem	note contr	ol					BRC1H52	W7/S7/K7			

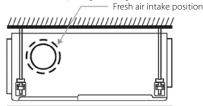
Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

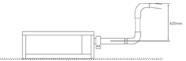
- Optimised design for R-32 refrigerant
- Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge



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



- * Brings in up to 10% of fresh air into the room
- Standard built-in drain pump with 625mm lift increases flexibility and installation speed





Automatic Airflow Adjustment function

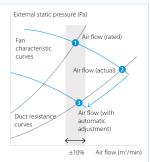
Automatically selects the most appropriate fan curve to achieve the units' nominal air flow within $\pm 10\%$

Why?

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

BRC1H52W7/S7/K7





Indoor Unit			FXSA	15A	20A	25A	32A	40A	50A	63A	80A	100A	125A	140A
Cooling capacity	Total capacity	At high fan speed	kW	1.70	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	16.00
Heating capacity	Total capacity	At high fan speed	kW	1.90	2.50	3.20	4.00	5.00	6.30	8.00	10.00	12.50	16.00	18.00
Power input - 50Hz	Cooling	At high fan speed	kW		0.046		0.049	0.094	0.096	0.106	0.143	0.176	0.216	0.272
	Heating	At high fan speed	kW		0.046		0.049	0.094	0.096	0.106	0.143	0.176	0.216	0.272
Dimensions	Unit	HeightxWidthxDepth	mm		245x55	008x00		245x70	008x00	245x1,0	00x800	245x1,4	00x800	245x1,550x800
VA / - * 1	11.24		Lin		22.5		240	20.5	20.0	25.5	26.5	460	47.0	F1.0

	rieating	Atmynia	iii speeu	KVV		0.040	0.049	0.094	0.090	0.100	0.143	0.170	0.210	0.272
Dimensions	Unit	HeightxV	VidthxDepth	mm		245x550x800		245x70	008x00	245x1,0	00x800	245x1,4	00x800	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							Galvai	nised stee	el plate				
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m³/min	8.7/7.5/6.5	9.0/7.5/6.5	9.5/8.0/7.0	15.0/12.5/11.0	15.2/12.5/11.0	21.0/18.0/15.0	23.0/19.5/16.0	32.0/27.0/23.0	36.0/31.5/26.0	39.0/34.0/28.0
		Heating	At high / medium / low fan speed	m³/min	8.7/7.5/6.5	9.0/7.5/6.5	9.5/8.0/7.0	15.0/12.5/11.0	15.2/12.5/11.0	21.0/18.0/15.0	23.0/19.5/16.0	32.0/27.0/23.0	36.0/31.5/26.0	42.5/34.0/28.0
	External static pressure - 50Hz	Factory s	et / High	Pa			30/150				40/	150	50/	150
Air filter	Type								Resin net					
Sound power level	Cooling	At high fa	an speed	dBA		54	55	6	50	59	6	1	6	4
Sound pressure	Cooling	At high / m	nedium / low fan speed	dBA	29.5/28.0/25.0	30.0/28.0/25.0	31.0/29.0/26.0	35.0/32	2.0/29.0	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
level	Heating	At high / m	nedium / low fan speed	dBA	31.5/29.0/26.0	32.0/29.0/26.0	33.0/30.0/27.0	37.0/34	1.0/29.0	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/GW	P							R-32/675.0)				
Piping connections	Liquid	OD		mm			6.	.35					9.52	
	Gas	OD		mm		9.52			12	.70			15.90	
	Drain						VP20 (I	.D. 20/O.D). 26), drai	n height 6	525 mm			
Power supply	Phase/Fre	quency/V	oltage	Hz/V				1~/50/	/60/220-24	40/220				
Current - 50Hz	Maximum	n fuse amp	s (MFA)	Α					6					
Control systems	Infrared r	emote con	itrol					BRC4C	65 / BRC4	IC66 (1)				
		The rest (i)												

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

Wired remote control

FXMA-A



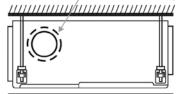
Concealed ceiling unit with high ESP

Ideal for large sized spaces ESP up to 250 Pa

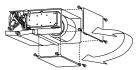
- Optimised design for R-32 refrigerant
- High external static pressure up to 250Pa facilitates extensive duct and grille network
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Discretely concealed in the wall: only the suction and discharge grilles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

Fresh air intake opening in casing

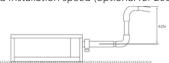
Fresh air intake position



- * Brings in up to 10% of fresh air into the room
- Flexible installation, as the air suction direction can be altered from rear to bottom suction (50-125 class)



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



• Large capacity unit: up to 31.5 kW heating capacity



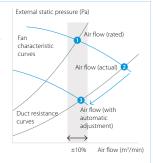
Automatic Airflow Adjustment function

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

Why?

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

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





FXMA-A

Indoor Unit				FXMA	50A	63A	80A	100A	125A	200A	250A
Cooling capacity	Total capacity	At high fa	an speed	kW	5.6	7.1	9.0	11.2	14.0	22.4	28.0
	Nom.			kW		,	-			22.4	28.0
Heating capacity	Total capacity	At high fa	an speed	kW	6.3	8.0	10.0	12.5	16.0	25.0	31.5
	Nom.			kW		,	-			25.0	31.5
Power input - 50Hz	Cooling	At high fa	an speed	kW	0.125	0.140	0.198	0.191	0.254	0.54	0.65
•	Heating	At high fa	an speed	kW	0.125	0.140	0.198	0.191	0.254	0.54	0.65
Required ceiling voi	d >			mm		,	350				-
	Unit	HeightxV	VidthxDepth	mm		300x1,000x700		300x1,4	00x700	470x1,49	90x1,100
Weight	Unit			kg		35		4	6	105	115
Casing	Material						Gal	vanised steel p	late		
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m³/min	18.0/16.5/15.0	19.5/17.5/16.0	25.0/22.5/20.0	32.0/27.0/23.0	36.0/30.0/26.0	62/48/41	74/64/52
		Heating	At high / medium / low fan speed	m³/min	18.0/16.5/15.0	19.5/17.5/16.0	25.0/22.5/20.0	32.0/27.0/23.0	36.0/30.0/26.0	62/48/41	74/64/52
	External static pressure - 50Hz	Factory s	et / High / Low	Pa			100/200/-			150/2	50/50
Air filter	Туре						Resin net				-
Sound power level	Cooling	At high / m	nedium / low fan speed	dBA	61.0/60.0/58.0	64.0/61.0/59.0	67.0/64.0/62.0	65.0/61.0/56.0	70.0/66.0/62.0	75/74/72	76/75/73
Sound pressure level	Cooling	At high / m	nedium / low fan speed	dBA	41.0/39.0/37.0	42.0/40.0/38.0	43.0/41	.0/39.0	44.0/42.0/40.0	48/46	5.5/45
	Heating	At high / m	nedium / low fan speed	dBA	41.0/39.0/37.0	42.0/40.0/38.0	43.0/41	.0/39.0	44.0/42.0/40.0	48/46	5.5/45
Refrigerant	Type/GWF)						R-32/675			
Piping connections	Liquid	OD		mm		6.35			9.5	52	
	Gas	OD		mm		12.70		15.	.90	19	9.1
	Drain					VP	25 (I.D. 25/O.D.	32)		BS	SP1
Power supply	Phase/Fre	quency/V	'oltage	Hz/V		1~/.	50/60/220-240/	220		1~/50/60/220	-240/220-230
Current - 50Hz	Maximum	fuse amp	s (MFA)	Α				6			
Control systems	Infrared re	emote cor	ntrol			BR	C4C65 / BRC4C	.66		BRC	4C65
	Wired rem	note contr	ol				В	RC1H52W7/S7/H	(7		



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





ŀ	- /	Κ,	1/	4-	- /-	١

							32A	-		63A
Total capacity	At high fa	an speed	kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
Total capacity	At high fa	n speed	kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Cooling	At high fa	an speed	kW	0.017	0.019	0.028	0.030	0.025	0.033	0.050
Heating	At high fa	an speed	kW	0.025	0.029	0.034	0.035	0.030	0.039	0.060
Unit	HeightxV	VidthxDepth	mm		290x7	95x266			290x1,050x269	
Unit			kg		1	12			15	
Air flow rate – 50Hz	Cooling	At high/medium/ low fan speed	m³/min	7.1/6.8/6.5	7.9/7.2/6.5	8.3/7.4/6.5	9.4/8.0/6.5	12.2/11.0/9.8	14.2/12.6/10.9	18.2/15.5/12.9
	Heating	At high/medium/ low fan speed	m³/min	7.8/7.1/6.5	8.6/7.5/6.5	9.0/7.7/6.5	9.9/8.2/6.5	12.2/11.0/9.8	15.2/13.7/12.1	18.7/16.4/14.1
Туре						Rem	novable / washa	able		
Cooling	At high fa	an speed	dBA	51.0	52.0	53.0	55	.0	58.0	63.0
Cooling	At high/m	edium/low fan speed	dBA	32.0/30.5/28.5	33.0/31.0/28.5	35.0/32.0/28.5	37.5/33.0/28.5	37.0/35.5/33.5	41.0/38.5/35.5	46.5/42.5/38.5
Heating	At high/m	edium/low fan speed	dBA	33.0/31.0/28.5	34.0/31.5/28.5	36.0/32.5/28.5	38.5/33.5/28.5	38.0/36.0/33.5	42.0/39.0/35.5	47.0/43.0/38.5
Type/GWF)						R-32/675.0			
Liquid	OD		mm				6.35			
Gas	OD		mm		9.	.52			12.70	
Drain						VP	13 (I.D. 15/O.D. 1	18)		
Phase/Fre	quency/V	oltage	Hz/V				1~/50/220-240			
Maximum	fuse amp	s (MFA)	Α				6			
Infrared re	mote con	itrol					BRC7EA630 (1)			
Wired rem	ote contr	ol				В	RC1H52W7/S7/K	7		
	Total capacity Cooling Heating Unit Unit Air flow rate – 50Hz Type Cooling Heating Type/GWF Liquid Gas Drain Phase/Fre Maximum Infrared ref	Total capacity At high factoring At high factori	Heating At high fan speed Unit HeightxWidthxDepth Unit Air flow rate – 50Hz Type Cooling At high/medium/low fan speed Cooling At high fan speed Cooling At high fan speed Heating At high fan speed Heating At high/medium/low fan speed Type/GWP Liquid OD Gas OD	Total capacity At high fan speed kW Cooling At high fan speed kW Heating At high fan speed kW Unit HeightxWidthxDepth mm Unit kg Air flow rate - 50Hz Aleating At high/medium/ low fan speed Heating At high/medium/ low fan speed Heating At high/medium/ low fan speed Type Cooling At high fan speed dBA Cooling At high/medium/low fan speed dBA Heating At high/medium/low fan speed dBA Type/GWP Liquid OD mm Gas OD mm Drain Phase/Frequency/Voltage Hz/V Maximum fuse amps (MFA) A Infrared remote control	Total capacity At high fan speed kW 1.7 Total capacity At high fan speed kW 1.9 Cooling At high fan speed kW 0.017 Heating At high fan speed kW 0.025 Unit HeightxWidthxDepth mm Unit Cooling At high/medium/ low fan speed Heating Nat high/medium/ low fan speed Nat high fan Speed Nat high/medium/ low fan sp	Total capacity At high fan speed kW 1.7 2.2 Total capacity At high fan speed kW 1.9 2.5 Cooling At high fan speed kW 0.017 0.019 Heating At high fan speed kW 0.025 0.029 Unit HeightxWidthxDepth mm 290x7 Unit Kg Air flow rate - 50Hz Cooling At high/medium/ m³/min low fan speed 7.1/6.8/6.5 7.9/7.2/6.5 Heating At high/medium/ low fan speed dBA 51.0 8.6/7.5/6.5 Type Gooling At high fan speed dBA 51.0 52.0 Cooling At high feedium/low fan speed dBA 33.0/31.0/28.5 33.0/31.0/28.5 Heating At high/medium/low fan speed dBA 33.0/31.0/28.5 34.0/31.5/28.5 Type/GWP Liquid OD mm Gas	Total capacity	Total capacity At high fan speed kW 1.7 2.2 2.8 3.6	Total capacity At high fan speed kW 1.7 2.2 2.8 3.6 4.5 Total capacity At high fan speed kW 1.9 2.5 3.2 4.0 5.0 Cooling At high fan speed kW 0.017 0.019 0.028 0.030 0.025 Heating At high fan speed kW 0.025 0.029 0.034 0.035 0.030 Unit HeightxWidthxDepth mm 290x795x266 12 11 10 12 12 12 11 10 12 12 11 10 12 12	Total capacity At high fan speed kW 1.7 2.2 2.8 3.6 4.5 5.6 Total capacity At high fan speed kW 1.9 2.5 3.2 4.0 5.0 6.3 Cooling At high fan speed kW 0.017 0.019 0.028 0.030 0.025 0.033 Heating At high fan speed kW 0.025 0.029 0.034 0.035 0.030 0.039 Unit HeightxWidthxDepth mm 290x79×266 290x1,050x269 Unit HeightxWidthxDepth mm 290x79×266 290x1,050x269 Ali ri flow rate - 50Hz Kg T2 T5 Ali ri flow fan speed Main speed

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

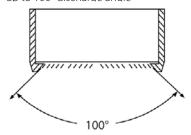
FXHA-A



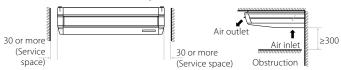
Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

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



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



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



- * Brings in up to 10% of fresh air into the room
- Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating.





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Indoor Unit				FXHA	32A	50A	63A	100A
Cooling capacity	Total capacity	y At high fa	an speed	kW	3.6	5.6	7.1	11.2
	Nom.			kW	3.6	5.6	7.1	11.2
Heating capacity	Total capacity	y At high fa	an speed	kW	4.0	6.3	8.0	12.5
	Nom.			kW	4.0	6.3	8.0	12.5
Power input - 50Hz	Cooling	At high fa	an speed	kW	0.033	0.037	0.051	0.086
	Heating	At high fa	an speed	kW	0.033	0.037	0.051	0.086
Dimensions	Unit	HeightxV	VidthxDepth	mm	235x960x690	235x1,2	70x690	235x1,590x690
Weight	Unit			kg	28	3	6	43
Casing	Material					Resin, she	eet metal	
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m³/min	12.5/11.0/10.0	16.0/14.0/12.5	17.5/15.0/13.0	27.0/22.0/19.0
		Heating	At high / medium / low fan speed	m³/min	12.5/11.0/10.0	16.0/14.0/12.5	17.5/15.0/13.0	27.0/22.0/19.0
Air filter	Туре					Resi	nnet	,
Sound power level	Cooling	At high / m	nedium / low fan speed	dBA	54.0/52.0/49.0	54.0/52.0/50.0	55.0/53.0/52.0	62.0/55.0/52.0
Sound pressure	Cooling	At high / m	nedium / low fan speed	dBA	36.0/34.0/31.0	36.5/34.5/33.0	37.0/35.0/34.0	44.0/37.0/34.0
level	Heating	At high / n	nedium / low fan speed	dBA	36.0/34.0/31.0	36.5/34.5/33.0	37.0/35.0/34.0	44.0/37.0/34.0
Refrigerant	Type/GW	Р				R-32	/675	
Piping connections	Liquid	OD		mm		6.35		9.52
	Gas	OD		mm	9.52	12	2.7	15.9
	Drain					VP	20	
Power supply	Phase/Fre	equency/V	oltage	Hz/V		1~/50/60/2	20-240/220	
Current - 50Hz	Maximun	n fuse amp	s (MFA)	Α		(5	
Control systems	Infrared r	emote con	ntrol			BRC7GA56 /	BRC7GA53-9	
	Wired rer	note contr	ol			BRC1H52	W7/S7/K7	



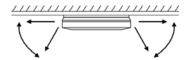
4-way blow ceiling suspended unit

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

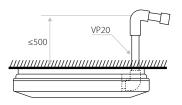
- Optimised design for R-32 refrigerant
- Even rooms with ceilings up to 3.5m can be heated up or cooled down very easily without capacity loss
- Can easily be installed in both new and refurbishment projects
- Two optional intelligent sensors improve energy efficiency and comfort
- Individual flap control: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



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



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









			FXUA	50A	71A	100A
Total capacity	At high fa	an speed	kW	5.6	8.0	11.2
Nom.			kW	5.6	8.0	11.2
Total capacity	At high fa	an speed	kW	6.3	9.0	12.5
Nom.			kW	6.3	9.0	12.5
Cooling	At high fa	an speed	kW	0.029	0.055	0.117
Heating	At high fa	an speed	kW	0.029	0.055	0.117
Unit	HeightxV	VidthxDepth	mm		198x950x950	
Unit			kg	2	27	28
Material					Resin	
Air flow rate - 50Hz	Cooling	At high / medium low fan speed	ı/ m³/min	17.0/14.5/13.0	22.5/18.5/16.0	31.0/25.5/21.0
	Heating	At high / medium low fan speed	/ m³/min	17.0/14.5/13.0	22.5/18.5/16.0	31.0/25.5/21.0
Type					Resin net	
Cooling	At high / m	edium / low fan spee	ed dBA	55.0/53.0/51.0	58.0/56.0/54.0	65.0/62.0/58.0
Cooling	At high / m	nedium / low fan spec	ed dBA	37.0/35.0/33.0	40.0/38.0/36.0	47.0/44.0/40.0
Heating	At high / m	nedium / low fan spee	d dBA	37.0/35.0/33.0	40.0/38.0/36.0	47.0/44.0/40.0
Type/GW	Р				R-32/675	
Liquid	OD		mm	6.	35	9.52
Gas	OD		mm	12	2.7	15.9
Drain					VP20	
Phase/Fre	equency/V	oltage	Hz/V		1~/50/60/220-240/220	
Maximun	n fuse amp	s (MFA)	Α		6	
Infrared r	emote con	itrol			BRC7CB58 / BRC7CB59	
	Nom. Total capacity Nom. Cooling Heating Unit Unit Material Air flow rate - 50Hz Type Cooling Heating Cooling Heating Liquid Gas Drain Phase/Fre Maximum	Nom. Total capacity At high far Nom. Cooling At high far Heating At high far HeightxV Unit HeightxV Unit Heating At high far Heating Type Cooling At high / m Cooling At high / m Heating At high / m Type/GWP Liquid OD Gas OD Drain Phase/Frequency/V Maximum fuse amp	Total capacity At high fan speed Nom. Cooling At high fan speed Heating At high fan speed Unit HeightxWidthxDepth Unit Material Air flow Cooling At high / medium rate - 50Hz Heating At high / medium / low fan speed Type Cooling At high / medium / low fan speed Cooling At high / medium / low fan speed Type/Cooling At high / medium / low fan speed Type/GWP Liquid OD Gas OD	Total capacity kt high fan speed kW Nom. kW Total capacity kt high fan speed kW Nom. kW Cooling At high fan speed kW Heating At high fan speed kW Unit HeightxWidthxDepth mm Unit kg Material Kg Material Value kg Material Value m³/min low fan speed Heating At high / medium / low fan speed dBA Cooling At high / medium / low fan speed dBA Cooling At high / medium / low fan speed dBA Heating At high / medium / low fan speed dBA Cooling At high / medium / low fan speed dBA Heating At high / medium / low fan speed dBA Gooling At high / medium / low fan speed dBA Gooling At high / medium / low fan speed dBA Heating OD mm Gas OD mm <td> Total capacity</td> <td> Total capacity</td>	Total capacity	Total capacity

BRC1H52W7/S7/K7

Contains fluorinated greenhouse gases

Wired remote control

Concealed floor standing unit

Designed to be concealed in walls

- Optimised design for R-32 refrigerant
- Discretely concealed in the wall: only the suction and discharge grilles are visible
- Requires very little installation space as the depth is only 200mm



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



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

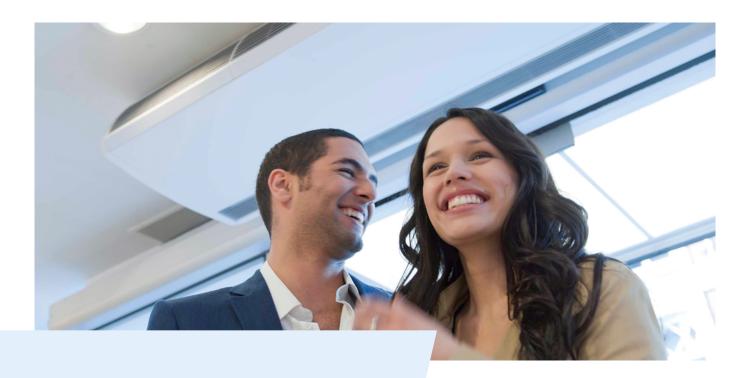
Typically, R-32 floor standing models have more stringent room size requirements than wall mounted or ceiling installed units to comply with the IEC60335-2-40 product standard.

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



FXNA-A

Indoor Unit			ı	FXNA-A	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	At high fa	an speed	kW	2.20	2.80	3.60	4.50	5.60	7.10
Heating capacity	Total capacity	At high fa	n speed	kW	2.50	3.20	4.00	5.00	6.30	8.00
Power input - 50Hz	Cooling	At high fa	an speed	kW		0.051		0.069	0.087	0.108
	Heating	At high fa	an speed	kW		0.051		0.069	0.087	0.108
Dimensions	Unit	HeightxV	VidthxDepth	mm		620/720x790x200)	620/720	(990x200	620/720x1,190x200
Weight	Unit			kg		23.5		2	7.5	32.0
Casing	Material						Galvanised	l steel plate		
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m³/min	7.4/6.4/5.4	8.4/7.	.4/6.4	10.2/9/7.9	12.9/11.5/10.6	16.4/14.4/12.9
		Heating	At high / medium / low fan speed	m³/min	7.4/6.4/5.4	8.4/7.	.4/6.4	10.2/9/7.9	12.9/11.5/10.6	16.4/14.4/12.9
	External static pressure - 50Hz	Factory s	et / High	Pa	10/	41.0	10/42.0	15/52.0	15/59.0	15/55.0
Air filter	Type						Resi	n net		
Sound power level	Cooling	At high fa	an speed	dBA	49	51	52.5	51.5	55.5	54.5
Sound pressure	Cooling	At high / m	nedium / low fan speed	dBA	28/26.5/25	30/28.5/27	31.5/30/28.5	31/29/27	35/33/31	34.5/32.5/30.5
level	Heating	At high / m	nedium / low fan speed	dBA	29.5/28/26.5	31/29.5/28	33/31.5/30	32/30/28	36/34/32	35.5/33.5/31.5
Refrigerant	Type/GWI)					R-32	2/675		
Piping connections	Liquid	OD		mm			6.35			9.52
	Gas	OD		mm			12.7			15.9
	Drain						VP20 (I.D.	20/O.D. 26)		
Power supply	Phase/Fre			Hz/V			1~/50/60/2	20-240/220		
Current - 50Hz	Maximum	fuse amp	s (MFA)	Α			1	6		
Control systems	Infrared re	emote con	itrol				BRC	4C65		
	Wired ren	note contr	ol				BRC1H52	W7/S7/K7		

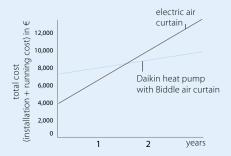


Biddle air curtains

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

Benefits of Biddle air curtains

- Connectable to ERQ and VRV units
- Unified range for R-32 and R-410A refrigerant
- Payback period of less then 1.5 years compared to installing an electric air curtain



3 different models to choose from:



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

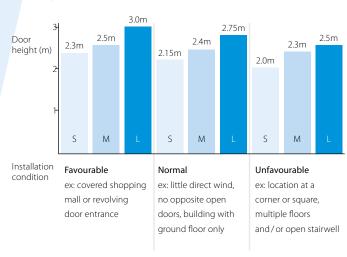


Cassette model (C): mounted into a false ceiling leaving only the decoration panel visible

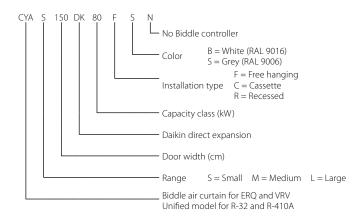


Recessed model (R): neatly concealed in the ceiling

Select your Biddle air curtain range



Biddle air curtain nomenclature



Biddle air curtain

- Connectable to ERQ and VRV DX outdoor units
- Unified model for R-32 and R-410A refrigerant
- Free-hanging model (F): easy wall mounted installation
- Cassette model (C): mounted into a false ceiling leaving only the decoration panel visible
- Recessed model (R): neatly concealed in the ceiling
- A payback period of less then 1.5 years compared to installing an electric air curtain
- Provides virtually free air curtain heating via recovered heat from indoor units in cooling mode (in case of VRV heat recovery)
- Easy and quick to install at reduced costs since no additional water systems, boilers and gas connections are required







					Sm	nall			Medium			
				CYAS100DK80*	CYAS150DK80*	CYAS200DK100*	CYAS250DK140*	CYAM100DK80*	CYAM150DK80*	CYAM200DK100*	CYAM250DK140*	
Heating capacity	Speed 3		kW	6.94	8.6	10.9	15.2	8.65	10.5	12.5	18.6	
Power input	Fan only	Nom.	kW	0.14	0.21	0.28	0.36	0.27	0.40	0.53	0.67	
	Heating	Nom.	kW	0.14	0.21	0.28	0.36	0.27	0.40	0.53	0.67	
Delta T	Speed 3		K	17.7	14.6	13.9	15.5	16	12.9	12.7	13.8	
Casing	Colour				B: RAL9016	/ S: RAL9006			B: RAL9016	/ S: RAL9006		
Dimensions	Unit	Height F/C/R	mm		270/2	70/270			270/2	70/270		
		Width F/C/R	mm	1,000/1,000/1,048	1,500/1,500/1,548	2,000/2,000/2,048	2,500/2,500/2,548	1,000/1,000/1,048	1,500/1,500/1,548	2,000/2,000/2,048	2,500/2,500/2,548	
		Depth F/C/R	mm		590/8	21/561			590/8	321/561		
Required ceiling void >	mm		mm		4:	20			4	20		
Door height	Max.		m		2	.3			2.5			
Door width	Max.		m	1	1.5	2	2.5	1	1.5	2	2.5	
Weight	Unit		kg	56/59/61	66/83/88	83/102/108	107/129/137	57/68/66	73/88/93	94/111/117	108/136/144	
Fan		Speed 3	m³/h	1,164	1,746	2,328	2,910	1,605	2,408	2,910	4,013	
Sound pressure level	Heating	Speed 3	dBA	47	49	50	51	50	51	53	54	
Refrigerant	GWP				675/2	,087.5			675/2	2,087.5		
	Type				R32/I	R410A			R32/	R410A		
Piping connections	Liquid	OD	mm	6.	35	9.	52	6.	35	9.	.52	
	Gas	OD	mm	12	2.7	15	5.9	12	2.7	15	5.9	
Air filter	Type					,	Vacuum clea	nable filter G	1			
Power supply	Frequency		Hz		50	Hz			50)Hz		
	Voltage		V		23	OV			23	30V		
	Maximum fuse an	nps (MFA)	Α		1	6			1	16		

					L	arge	
				CYAL100DK125*	CYAL150DK200*	CYAL200DK250*	CYAL250DK250*
Heating capacity	Speed 3		kW	14.4	21.5	27.6	29.7
Power input	Fan only	Nom.	kW	0.48	0.72	0.96	1.20
	Heating	Nom.	kW	0.48	0.72	0.96	1.20
Delta T	Speed 3		K	13.8	13.7	13.2	11.4
Casing	Colour				B: RAL9016	5 / S: RAL9006	
Dimensions	Unit	Height F/C/R	mm		370/	370/370	
		Width F/C/R	mm	1,000/1,000/1,048	1,500/1,500/1,548	2,000/2,000/2,048	2,500/2,500/2,548
		Depth F/C/R	mm		774/	,105/745	
Required ceiling void >	mm		mm			520	
Door height	Max.		m			3	
Door width	Max.		m	1	1.5	2	2.5
Weight	Unit		kg	76/81/83	100/118/141	126/151/155	157/190/196
Fan		Speed 3	m³/h	3,100	4,650	6,200	7,750
Sound pressure level	Heating	Speed 3	dBA	53	54	56	57
Refrigerant	GWP				675	/2,087.5	
	Type				R32	/R410A	
Piping connections	Liquid	OD	mm		g),522	
	Gas	OD	mm	15.9	19.1	1	9.1
Air filter	Type				Vacuum cle	anable filter G1	
Power supply	Frequency		Hz		5	i0Hz	
	Voltage		V		2	230V	
Current	Maximum fuse amps (MFA)		Α			16	



Commercial ventilation

Decentralised ventilation	66
 VAM-FC9/J Energy recovery ventilation EKVDX DX coil for air processing VKM-GBM Energy recovery ventilation, humidification and air processing ALB-LBS/RBS Modular L Smart ATB-S Modular T Smart 	66 67 68 70 71
Centralised ventilation	72
 Combining Air Handling Units with DX outdoor unit Layout possibilities Integration with 3rd party AHU's 	72 74 75

Products overview

500 1,000 2.000 2.500 3.500 Superior IAQ level: up to three stage filtration on supply side DX coil integration for a unique Daikin fresh air package Plug&Play control solution, for a quick and easy start-up Compact T High efficiency counterflow heat exchanger VDI 6022 Compliant Compact design for false ceiling installation **Decentralised systems** Compact L Compact size High energy efficient paper recovering sensible and latent heat EC fan motors Filter clogging alarm based on pressure VAM-FC9 / VAM-J 150 m³/h up to 2,000 m³/h DX coil for post-treatment of fresh air Split up concept increases application flexibility Integrates both in R-32 and R-410A VRV systems VAM + DX coil 500 m³/h up to 2,000 m³/h • With DX coil for post-treated fresh air Increased comfort Humidifier option 500 m³/h up to 1,000 m³/h VKM-GBM Fully customizable Daikin Digital Plug & Play Control as option With DX or water coil option D-AHU PROFESSIONAL 750 m³/h up to 144,000 m³/h Centralised systems High efficiency aluminium plate heat exchanger Pre-configured sizes Plug & Play controls With DX or water coil option D-AHU Modular P Rotary heat exchanger (sorption and sensible technology) Pre-configured sizes Plug & Play controls With DX or water coil option D-AHU Modular R

65

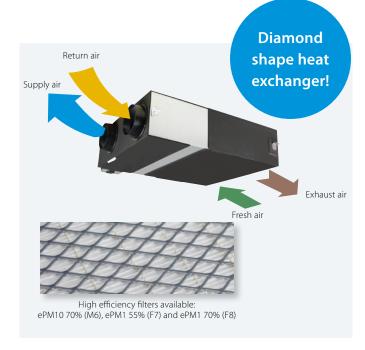
Energy recovery ventilation

Ventilation with heat recovery as standard

- Thinnest High Efficiency Enthalpy Heat Exchanger in the market (J-series)
- Energy saving ventilation using indoor heating, cooling and moisture recovery
- Free cooling possible when outdoor temperature is below indoor temperature (eg. during nighttime)
- Prevent energy losses from over-ventilation while improving indoor air quality with optional CO₂ sensor (J-series)
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume (J - series)
- Can be used as stand alone or integrated in the Sky Air or VRV system
- Wide range of units: air flow rate from 150 up to 2,000 m³/h
- Shorter installation time thanks to easy adjustment of nominal air flow rate, so less need for dampers compared with traditional installation
- No drain piping needed

Ventilation

- Can create under/over-pressure conditions in the served room
- Total solution for fresh air with Daikin supply of both VAM / VKM and electrical heaters
- VAM-J8 series are connectable to EKVDX DX coil for air processing
- Possibility of CO₂ concentration when combining VAM-J8 with optional BRYMA CO, sensor and Madoka remote controller (with or without EKVDX)









						回的一种自然是		25.65	
BG	B					VAM-FC9	VA	M-J8	
50FC9	250FC9	350J8	500J8	650J8	800J8	1000J8	1500J8	2000J8	
32/0.111/ 0.058	0.161/0.079/ 0.064	0.097/0.070/ 0.039	0.164/0.113/ 0.054	0.247/0.173/ 0.081	0.303/0.212/ 0.103	0.416/0.307/ 0.137	0.548/0.384/ 0.191	0.833/0.614/ 0.273	
32/0.111/ 0.058	0.161/0.079/ 0.064	0.085/0.061/	0.148/0.100/ 0.045	0.195/0.131/ 0.059	0.289/0.194/ 0.086	0.417/0.300/	0.525/0.350/ 0.156	0.835/0.600/	

Power input - 50Hz	Heat exchange	Nom.	Ultra high/High/Low	kW			0.097/0.070/	0.164/0.113/	0.247/0.173/	0.303/0.212/			
	mode				0.058	0.064	0.039	0.054	0.081	0.103	0.137	0.191	0.273
	Bypass	Nom.	Ultra high/High/Low	kW	0.132/0.111/	0.161/0.079/	0.085/0.061/	0.148/0.100/	0.195/0.131/	0.289/0.194/	0.417/0.300/	0.525/0.350/	0.835/0.600/
	mode				0.058	0.064	0.031	0.045	0.059	0.086	0.119	0.156	0.239
Temperature	Ultra high/	/High/Low		%	77.0(1)/72.0(2)/	74.9(1)/69.5(2)/	85.1/86.7/	80.0/82.5/	84.3/86.4/	82.5/84.2/	79.6/81.8/	83.2/84.8/	79.6/81.8/
exchange					78.3(1)/72.3(2)/	76.0(1)/70.0(2)/	90.1	87.6	90.5	87.7	86.1	88.1	86.1
efficiency - 50Hz					82.8(1)/73.2(2)	80.1(1)/72.0(2)							
Enthalpy exchange	Cooling	Ultra high	/High/Low	%	60.3(1)/61.9(1)/	60.3(1)/61.2(1)/	65.2/67.9/	59.2/61.8/	59.2/63.8/	67.7/70.7/	62.6/66.4/	68.9/71.8/	62.6/66.4/
efficiency - 50Hz			_		67.3(1)	64.5(1)	74.6	69.5	73.1	76.8	74.0	77.5	74.0
	Heating	Ultra high	/High/Low	%	66.6(1)/67.9(1)/	66.6(1)/67.4(1)/	75.5/77.6/	69.0/72.2/	73.1/76.3/	72.8/75.3/	68.6/71.7/	73.8/76.1/	68.6/71.7/
					72.4(1)	70.7(1)	82.0	78.7	82.7	80.2	77.9	80.8	77.9
Operation mode							Heat exc	hange mod	le, bypass n	ode, fresh-	up mode		
						۸:.	!	A	/ : ! .	عا عمدمعما الاحا			

VAM/VAM 15

efficiency - 50Hz					82.8(1)/73.2(2)	80.1(1)/72.0(2)							
Enthalpy exchange	Cooling	Ultra high	n/High/Low	%	60.3(1)/61.9(1)/	60.3(1)/61.2(1)/	65.2/67.9/	59.2/61.8/	59.2/63.8/	67.7/70.7/	62.6/66.4/	68.9/71.8/	62.6/66.4/
efficiency - 50Hz					67.3(1)	64.5(1)	74.6	69.5	73.1	76.8	74.0	77.5	74.0
	Heating	Ultra high	n/High/Low	%	66.6(1)/67.9(1)/	66.6(1)/67.4(1)/		69.0/72.2/	73.1/76.3/	72.8/75.3/	68.6/71.7/	73.8/76.1/	68.6/71.7/
					72.4(1)	70.7(1)	82.0	78.7	82.7	80.2	77.9	80.8	77.9
Operation mode									le, bypass m				
Heat exchange syst	em					Ai	r to air cross	flow total h	neat (sensib	le + latent h	eat) exchan	ge	
Heat exchange eler	ment						Spe	cially proce	ssed non-fl	ammable pa	aper		
Dimensions	Unit	HeightxW	/idthxDepth	mm	285x7	76x525	301x1,1	13x886	368x1,354x920	368x1,3	54x1,172	731x1,35	54x1,172
Weight	Unit			kg	24	4.0	46	6.5	61.5	79	9.0	15	57
Casing	Material							Galva	anised steel	plate			
Fan	Air flow		e Ultra high/High/	m³/h	150/140/105	250/230/155	350(1)/300(1)/	500(1)/425(1)/	650(1)/550(1)/	800(1)/680(1)/	1,000(1)/850(1)/	1,500(1)/1,275(1)/	2,000(1)/1,700(1)/
	rate - 50Hz	mode	Low				200(1)	275(1)	350(1)	440(1)	550(1)	825(1)	1,100(1)
		Bypass	Ultra high/High/	m³/h	150/140/105	250/230/155					1,000(1)/850(1)/	1,500(1)/1,275(1)/	2,000(1)/1,700(1)/
		mode	Low				200(1)	275(1)	350(1)	440(1)	550(1)	825(1)	1,100(1)
	External static pressure - 50Hz		n/High/Low	Pa	90/87/40	70/63/25			90	0(1)/70.0/50.0	D(1)		
Air filter	Type				Multidirectiona	al fibrous fleeces			Multidirecti	onal fibrous	fleeces (G3)	
Sound pressure		Ultra high	n/High/Low	dBA	27.0/26.0/	28.0/26.0/	34.5(1)/32.0(1)/				42.0(1)/38.5(1)/		45.0(1)/41.5(1)/
level - 50Hz	mode				20.5	21.0	29.0(1)	30.5(1)	31.0(1)	30.5(1)	32.5(1)	33.5(1)	36.0(1)
	Bypass	Ultra high	n/High/Low	dBA	27.0/26.5/	28.0/27.0/			38.0(1)/34.5(1)/				45.0(1)/41.0(1)/
	mode				20.5	21.0	28.0(1)	29.5(1)	30.5(1)	30.5(1)	32.5(1)	32.5(1)	35.0(1)
Operation range	Around ur	nit		°CDB		-			0°C~40°	CDB, 80% R	H or less		
Connection duct di				mm	100	150	20	00		250		2x2	250
Power supply		quency/Vo		Hz/V				1~; 50	0/60; 220-24				
Current	Maximum		(MFA)	A		5.0				16.0			
Specific energy	Cold clima			kWh/(m².a)	-56.0(5)	-60.5(5)				-			
consumption (SEC)				kWh/(m².a)	-22.1(5)	-27.0(5)				-			
	Warm clim	nate		kWh/(m².a)	-0.100(5)	-5.30(5)				-			
SEC class					D / See note 5	B / See note 5				-			
Maximum flow rate	Flow rate			m³/h	130	207				-			
at 100 Pa ESP	Electric po	wer input		W	129	160				-			
Sound power level	(Lwa)			dB	40	43	51	54	5	8	61	62	65
Annual electricity of	onsumptio	n		kWh/a	18.9(5)	13.6(5)	-						
Annual heating	Cold clima	ite		kWh/a	41.0(5)	40.6(5)				-			

79.4(5)

18.4(5)

18.5(5) (1)Measured according to JIS B 8628 | (2)Measured at reference flow rate according to EN13141-7 | (5) At reference flow rate in accordance with commission regulation (EU) No 1254/2014

80.2(5)

kWh/a

kWh/a

saved

Average climate Warm climate

DX coil for air processing

EKVDX - DX coil for post treatment of fresh air

Heat exchange system

Phase

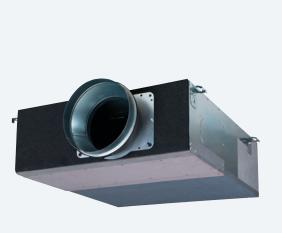
Power supply

Post heating or cooling of fresh air to lower the load on the air conditioning system

- Creates a high quality indoor environment by pre conditioning of incoming fresh air
- Maximum installation flexibility thanks to separate DX coil
- Wide range of units covering fresh air flows of 500 up to 2,000 m³/h
- High ESP up to 150 Pa



VAM energy recovery unit



EKVDX50A

Direct expansion

single phase

34

38.5



								EKVDX-A			
					EKVDX32A	EKVDX50A	EKVDX80A	EKVDX100A			
Power input - 50Hz	Cooling	Nom.		kW	0.035	0.035	0.035	0.035			
	Heating	Nom.		kW	0.035	0.035	0.035	0.035			
Casing	Material					Galvanised	l steel plate				
Insulation material					Opcell and anti-sweat material						
Dimensions	Unit	Height		mm	250						
		Width		mm	550	700	1,000	1,400			
		Depth		mm	809		09				
Weight	Unit			kg	19	23.4	30.1	37.7			
Operation range	Around u	nit		°CDB		10°C~40°CDB,	80% RH or less				
	On coil	Cooling	Max.	°CDB	35						
	temperatur	re Heating	Min.	°CDB		1	1				
Piping connections	Liquid	OD		mm		6.	35				
	Gas	OD		mm	nm 12.7						
	Drain					VP20 (I.D. 20/O.D. 26),	drain height 625 mm				
Refrigerant	Type					R410	A/R32				
	GWP					2,087	.5/675				
G	GWP					2,087	.5/675				

Fresh air

Exhaust air

i owei suppiy	i iiase						sirigie	priase		
	Frequenc	у		Hz			50.	/60		
	Voltage			٧			220-24	10/220		
Possible Combin	ation VAM.	I8 + EKDVX			EKVDX32A + VAM500J8	EKVDX50A + VAM650J8	EKVDX50A + VAM800J8	EKVDX80A + VAM1000J8	EKVDX100A + VAM1500J8	EKVDX100A + VAM2000J8
Cooling capacity	Total (VAI	M+DX coil)	At ultra high fan speed	kW	5.1	7.1	8.6	9.3	15.4	18.4
DX coil			At ultra high fan speed	kW	3.4	4.8	5.5	5.7	9.5	11.2
			At high fan speed	kW	2.7	4.1	4.4	4.5	8.8	9.2
Heating capacity	Total (VAI	M+DX coil)	At ultra high fan speed	kW	6.7	8.5	11	11.9	18.7	22.9
	DX coil		At ultra high fan speed	kW	4.2	5.1	6.9	7	10.8	13
			At high fan speed	kW	3.6	4.6	5.8	6.3	9.6	11.7
Fan		Heat exchange	e Ultra high	m³/h	500	650	800	1,000	1,500	2,000
	rate -	mode	High	m³/h	425	550	680	850	1,275	1,700
	50Hz	Bypass	Ultra high	m³/h	500	650	800	1,000	1,500	2,000
		mode	High	m³/h	425	550	680	850	1,275	1,700
	External stati	c Maximum		Pa	81.9	73.0	133.7	106.0	153.6	92.1
	pressure -	Ultra high		Pa	51.9	43.0	23.7	26.0	43.6	12.1
	50Hz	High		Pa	39.0	33.9	19.4	21.4	35.1	11.9
Sound pressure	Cooling		Ultra high	dBA	32	34	35.5	40.5	38.5	43.5
level - 50Hz			High	dBA	30.5	32	34	38	37	40
	Heating		Ultra high	dBA	32.5	34.5	36	40.5	39	44
									1	

32

Maximum fuse amps (MFA) The heat reclaim ventilation unit and the EKVDX indoor unit MUST share the same electrical safety devices and power supply

High

dBA

Α

31.5

6

37

40.5

Energy recovery ventilation, humidification and air processing

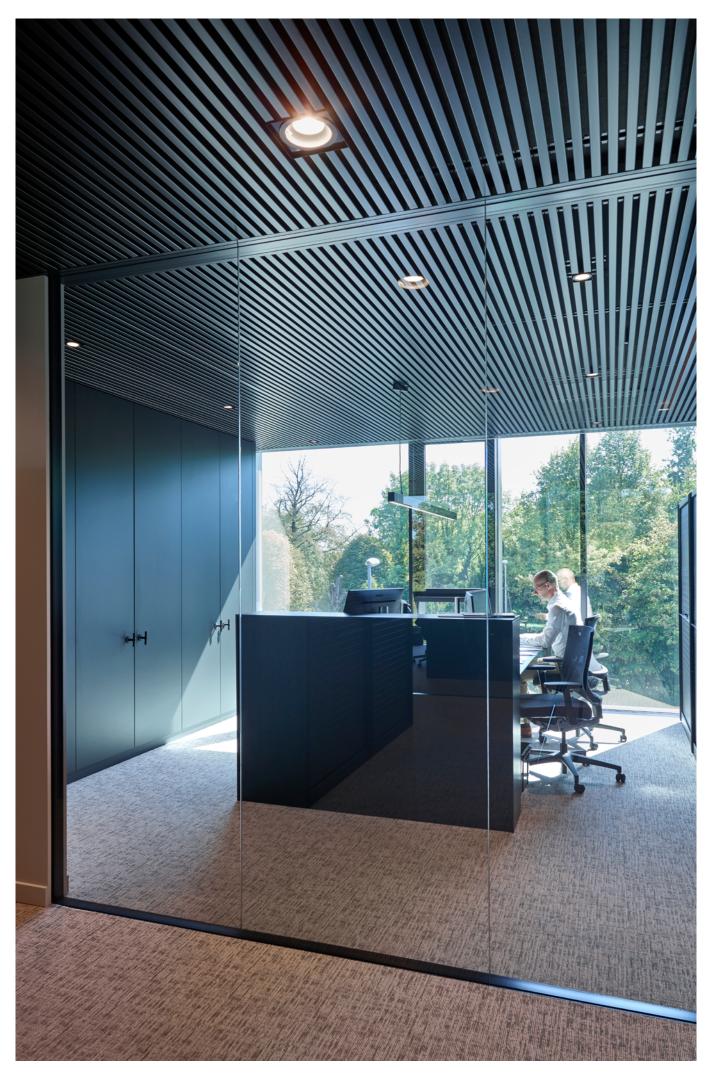
Post heating or cooling of fresh air for lower load on the air conditioning system

- Energy saving ventilation using indoor heating, cooling and moisture recovery
- Creates a high quality indoor environment by pre conditioning of incoming fresh air
- Humidification of the fresh air results in comfortable indoor humidity level, even during heating
- Free cooling possible when outdoor temperature is below indoor temperature (eg. during nighttime)
- Low energy consumption thanks to DC fan motor
- Prevent energy losses from over-ventilation while improving indoor air quality with optional CO₂ sensor
- Shorter installation time thanks to easy adjustment of nominal air flow rate, so less need for dampers compared with traditional installation
- Specially developed heat exchange element with High Efficiency Paper (HEP)
- Can operate in over- and under pressure





Ventilation			VKN	л-GBM	50GBM	80GBM	100GBM			
Power input - 50Hz	Heat exchange mode	Nom.	Ultra high/ High/Low	kW	0.270/0.230/0.170	0.330/0.280/0.192	0.410/0.365/0.230			
	Bypass mode	Nom.	Ultra high/ High/Low	kW	0.270/0.230/0.170	0.330/0.280/0.192	0.410/0.365/0.230			
Fresh air	Cooling			kW	4.71/1.91/3.5	7.46/2.96/5.6	9.12/3.52/7.0			
conditioning load	Heating			kW	5.58/2.38/3.5	8.79/3.79/5.6	10.69/4.39/7.0			
Temperature exchange efficiency - 50Hz	Ultra high/High/I	Low		%	76/76/77.5	78/78/79	74/74/76.5			
Enthalpy exchange	Cooling	Ultra hig	h/High/Low	%	64/64/67	66/66/68	62/62/66			
efficiency - 50Hz	Heating	Ultra hig	h/High/Low	%	67/67/69	71/71/73	65/65/69			
Operation mode					Heat exch	nange mode / Bypass mode / Fresh	-up mode			
Heat exchange syst	em				Air to air cross flow total heat (sensible + latent heat) exchange					
Heat exchange eler	ment				Specially processed non-flammable paper					
Humidifier	System					Natural evaporating type				
Dimensions	Unit	Heightx\	WidthxDepth	mm	387x1,764x832	387x1,76	54x1,214			
Weight	Unit			kg	100	119	123			
Casing	Material					Galvanised steel plate				
Fan-Air flow rate	Heat exchange mode	Ultra hig	h/High/Low	m³/h	500/500/440	750/750/640	950/950/820			
- 50Hz	Bypass mode	Ultra hig	h/High/Low	m³/h	500/500/440	750/750/640	950/950/820			
Fan-External static pressure - 50Hz	Ultra high/High/I	Low		Pa	200/150/120	205/155/105	110/70/60			
Air filter	Туре					Multidirectional fibrous fleeces				
Sound pressure	Heat exchange mode	Ultra hig	h/High/Low	dBA	38/36/34	40/37.5/35.5	40/38/35.5			
level - 50Hz	Bypass mode	Ultra hig	h/High/Low	dBA	39/36/34.5	41/38/36	41/39/35.5			
Operation range	Around unit			°CDB		0°C~40°CDB, 80% RH or less				
	Supply air			°CDB		-15°C~40°CDB, 80% RH or less				
	Return air			°CDB		0°C~40°CDB, 80% RH or less				
	On coil temperature	Cooling/M	ax./Heating/Min.	°CDB		-15/43				
Refrigerant	Control					Electronic expansion valve				
	Туре					R-410A				
	GWP					2,087.5				
Connection duct di	ameter			mm	200	25	50			
Piping connections	Liquid	OD		mm		6.35				
	Gas	OD		mm		12.7				
	Water supply			mm		6.4				
	Drain					PT3/4 external thread				
Power supply	Phase/Frequency	//Voltage		Hz/V		1~/50/220-240				
Current	Maximum fuse ar	mps (MFA)	Α		15				



Compact L Smart

Premium efficiency heat recovery unit

Highlights

- Connects Plug&Play into the Sky Air and VRV control network
- Easy installation and commissioning
- Internal pre-filter stage (up to ePM1 50% (F7) + ePM1 80% (F9)) making the unit reach highest indoor air quality requirements.
- Wide air flow coverage from 150m³/h to 4,000m³/h
- Exceeding ErP 2018 requirements
- Best choice when compactness is needed (only 280 mm height up to 550 m³/h)
- 50 mm double skin panel for a maximum sound and thermal insulation

EC centrifugal fan

- Maximum ESP available 600 Pa (depending on model sizes and airflow)
- Inverter driven with IE4 premium efficiency motor
- High-efficient blade profiling
- Reduced energy consumption
- Optimized SFP (Specific Fan Power) for an efficient unit operation

Heat exchanger

- Premium quality counter flow plate heat exchanger
- Up to 91% of the thermal energy recovered
- High grade aluminum allowing optimum corrosion protection





D-AHU Compact L Smar	t		ALB02*C* (1)	ALB03*C*	ALB04*C*	ALB05*C*	ALB06*C*	ALB07*C*		
Airflow	Nominal	m³/h	300	600	1,200	1,500	2,500	3,000		
Electrical supply	Phase	ph	1							
	Frequency	Hz	50/60							
	Voltage	V			220	/240				
	Ampere	A			1	16				
Main unit dimensions	Width	mm	920	1,100	1,6	500	2,0	2,000		
	Height	mm	280	350	4	15	5	00		
	Length	mm	1,660 1,800 2,000				000			
Weight unit	Net weight	kg	115	170	255	265	310	320		
	Gross weight	kg	125	180	270	280	325	335		
Duct dimensions		mm	250	400	500	500	700	700		
		mm	150	200	300	300	400	400		

Compact T Smart

Top connected Air Handling Unit

Highlights

- Duct connections are located at the top, reducing the unit's footprint
- Low power consumption and low SFP (Specific Fan Power) for a very efficient unit operation
- Superior IAQ level: up to three stage filtration on supply side (more than the 90% of PM1 is removed from outdoor air)
- Plug&Play control solution, for a quick and easy start-up
- Very compact unit, starting from 550 mm width, for an air flow up to $1{,}100~\text{m}^3\text{/h}$

IAQ matters

An excellent IAQ improves people's performance and well-being, and decreases risk factors for various diseases. Compact T satisfies the ventilation and filtration needs of the indoor environment, guaranteeing an outstanding level of IAQ.

The future of ventilation

The Compact T, with its unique features, represents the latest product developed by Daikin for fresh air treatment and not only. Thanks to its optimized design, it can be easily transported and installed into new projects or existing buildings.



D-AHU Compact T Smar	t		ATB03*B* (1)	ATB04*B*	ATB05*B*	ATB06*B*	ATB07*B*
Airflow	Nominal	m³/h	800	1,650	2,300	2,700	3,900
Electrical supply	Phase	ph			1		
	Frequency	Hz			50		
	Voltage	V			230		
	Max internal fuse	Α			16		
Main unit dimensions	Width	mm	550		790		890
	Height	mm	1,6	000	1,900	1,850	2,050
	Length (2)	mm	1,580	1,650	2,170	2,620	2,950
Duct dimensions		mm	250	315	355	400	500
Weight unit	Net weight	kg	185	230	370	475	580
	Gross weight	kg	195	240	390	505	610

 $^{(1) \} ATB03*B*\ refers\ to\ all\ configuration\ available\ for\ Compact\ T\ size\ 03\ (Smart\ or\ Pro\ version\ and\ right\ or\ left\ handing)$

⁽²⁾ Size 05 is provided in two sections while Size 06 and 07 are provided in three sections.

Why use DX outdoor units with Air Handling Units?



High comfort levels

- Rapid response of supply air temperature to changing loads, results in a steady indoor temperature
- VRV offers the ultimate comfort thanks to continuous heating, also during defrost

Low carbon footprint and operating costs

- DX heat pumps are highly efficient inverter units using a lower GWP refrigerant
- By integrating a VRV heat recovery system, excess heat from rooms in cooling can be reused to heat up incoming fresh air

Easy design, all components integrated

 A DX system is an all-in-one system, no boilers, tanks or pumps are needed reducing the total investment cost

One-stop shop, Daikin's fresh air package

- A plug & play package with a Daikin DX outdoor unit and Daikin Air Handling Unit
- One point of contact for the design, installation and commissioning, streamlining the process

Total solution operation example



Fresh air AHU connected to VRV outdoor unit: The AHU takes care of the heat loads of fresh air securing air supply at 21°C.

VRV system with indoor units only take care of comfort cooling (or heating) and the indoor heat loads (lighting, people, machines, sun radiation, etc)

Daikin Air Handling Unit kits for connection to DX outdoor units

R-32

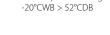
NEW Expansion valve kits

- 3 new capacities (300, 350, 400) offer a complete range of expansion valve kits from 5 to 69.3kW
- Improved flexibility thanks to combination ratio from 65% up to 110%
- Unified range connectable both to R-32 and R-410A systems
- Can be used in the most extreme outdoor conditions, down to -20°C
- Fully compliant to IEC60335-2-40, thanks to Shîrudo Technology

NEW Control box

- Complete offer of 5 control possibilities
- Daikin integrated or third-party controller
- Control of return air or fresh air supply temperature
- All control methods unified in one box
- Hinged door for easy servicing



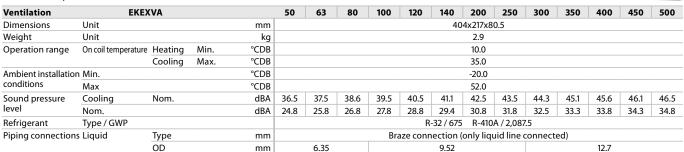






Specifications

EKEXVA - Expansion valve kit





EKEACB - Control box

		EKEACB
		Pair Multi Mix
Unit	mm	300x400x150
Unit	kg	5.1
ion Min	°CDB	-20
Max	°CDB	52
Phase		1~
Frequency	Hz	50/60
Voltage	V	220-240/220
	Unit Unit on Min Max Phase Frequency	Unit mm Unit kg on Min °CDB Max °CDB Phase Frequency Hz

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Air Handling Unit kits

Layout possibilities

With our wide capacity range and different control options, a variety of layout possibilities to match your application:

- Pair layout: one or more outdoor units combined with 1 air handling unit
- Multi layout: one outdoor unit combined with multiple air handling units
- Mix layout: one outdoor unit combined with an air handling unit AND indoor units

Pair layout

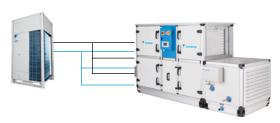
One ERA or VRV heat pump (system) connected to one AHU through one refrigerant circuit

- with W, X, Y, Z, Z' control
- not allowed for VRV H/R



One VRV heat pump (system) connected to the interlaced coil of one AHU through several refrigerant circuits

- with W, X, Y control
- not allowed for VRV H/R and VRV-i



Several ERA or VRV heat pumps connected to the interlaced coil of one AHU through several refrigerant circuits

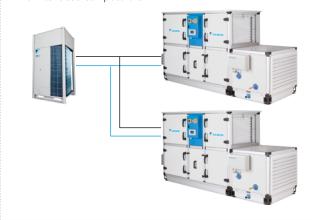
- with W, X, Y control
- not allowed for VRV H/R and VRV-i



Multi layout

One VRV heat pump connected to several AHUs

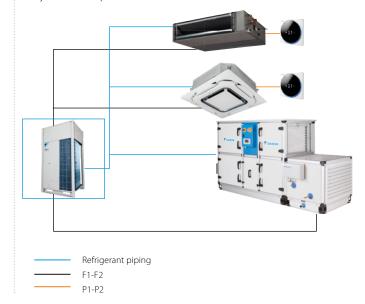
- with Z, Z' control and field supplied controls on AHU side.
- not allowed for VRV H/R
- no interlaced coil possible



Mix layout

VRV indoor units and AHU(s) mixed in the same VRV heat pump or heat recovery system

- with Z, Z' control and field supplied controls on AHU side
- no interlaced coil possible
- hydrobox not possible



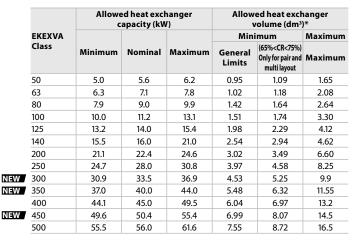
Integration with 3rd party Air Handling Units

Also for the integration with 3rd party AHU's Daikin provides expert support for the design and installation.

Selection of the expansion valve kit - Fresh air application

- Define the required heating/cooling load of your project
- Define 3rd party AHU heat exchanger capacity
- Use the Xpress selection software or the below table to select the correct expansion valve kit
- The 3rd party AHU design should respect the allowed heat exchanger volume
- Xpress selection software will select the correct outdoor unit at the design ambient temperatures.





Heating

NEW

NEW

NEW

		ed heat excl apacity (kW		Allowed heat exchanger volume (dm³)*			
EKEXVA				Mini	imum	Maximum	
Class	Minimum	Nominal	Maximum	General Limits	(65% <cr<75%) Only for pair and multi layout</cr<75%) 	Maximum	
50	5.6	6.3	7.0	0.95	1.09	1.65	
63	7.1	8.0	8.8	1.02	1.18	2.08	
80	8.9	10.0	11.1	1.42	1.64	2.64	
100	11.2	12.5	14.7	1.51	1.74	3.30	
125	14.8	16.0	17.3	1.98	2.29	4.12	
140	17.4	18.0	23.6	2.54	2.94	4.62	
200	23.7	25.0	27.7	3.02	3.49	6.60	
250	27.8	31.5	34.7	3.97	4.58	8.25	
300	34.8	37.5	41.5	4.53	5.23	9.9	
350	41.6	45.0	49.5	5.48	6.32	11.55	
400	49.6	50.0	55.7	6.04	6.97	13.2	
450	55.8	56.5	62.4	6.99	8.07	14.85	
500	62.5	63.0	69.3	7.55	8.72	16.5	

Saturated evaporating temperature: +6°C Air temperature: +27°C DB / +19°C WB

 Applicable when connected to VRV outdoor units. For the corresponding DX coil limitations when the DX coil is connected to ERA units, please refer to the ERA databook. Saturated evaporating temperature: +46°C Air temperature: +20°C DB

 Applicable when connected to VRV outdoor units. For the corresponding DX coil limitations when the DX coil is connected to ERA units, please refer to the FRA databook

Selection of the expansion valve kit - Recirculation application

- Define the required heating/cooling load of your project
- Use the Xpress selection software or the below table to select the correct expansion valve, following the procedure used as for standard VRV indoor units
- The 3rd party AHU design should respect the allowed heat exchanger (DX coil) volume limitations which in are in place for VRV (above on this page) and ERA
- Xpress selection software will select the correct outdoor unit at the design ambient temperatures



NEW

NEW

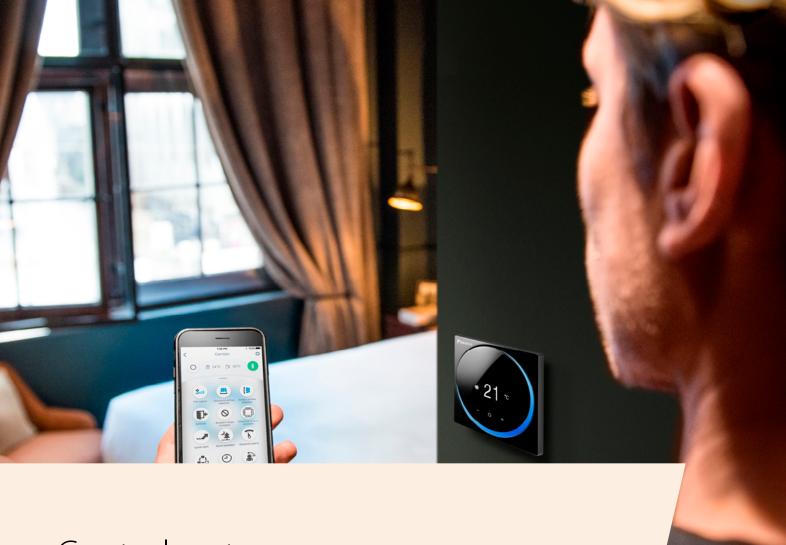
			On-coil a	ir temper	ature [°C]		
EKEXVA	14WB	16WB	18WB	19WB	20WB	22WB	24WB
Class	20DB	23DB	26DB	27DB	28DB	30DB	32DB
	kW	kW	kW	kW	kW	kW	kW
50	3.8	4.5	5.2	5.6	5.9	6.0	6.2
63	4.8	5.7	6.6	7.1	7.5	7.7	7.8
80	6.1	7.2	8.4	9.0	9.5	9.7	9.9
100	7.6	9.0	10.5	11.2	11.8	12.1	12.3
125	9.5	11.3	13.1	14.0	14.8	15.1	15.4
140	10.8	12.9	15.0	16.0	16.9	17.3	17.6
200	15.1	18.0	21.0	22.4	23.6	24.2	24.6
250	18.9	22.5	26.2	28.0	29.5	30.2	30.8
300	22.6	26.9	31.3	33.5	35.3	36.1	36.9
350	27.0	32.2	37.4	40.0	42.1	43.1	44.0
400	30.4	36.2	42.1	45.0	47.4	48.5	49.5
450	34.0	40.5	47.2	50.4	53.1	54.3	55.4
500	37.8	45.0	52.4	56.0	59.0	60.4	61.6



NEW

NEW

			On-coil a	ir temper	ature [°C]		
EKEXVA Class	10.0	16.0	18.0	20.0	21.0	22.0	24.0
	kW	kW	kW	kW	kW	kW	kW
50	6.6	6.6	6.6	6.3	6.1	5.9	5.5
63	8.4	8.4	8.4	8.0	7.7	7.5	7.0
80	10.5	10.5	10.5	10.0	9.7	9.4	8.7
100	13.1	13.1	13.1	12.5	12.1	11.7	10.9
125	16.8	16.8	16.8	16.0	15.5	15.0	13.9
140	18.9	18.9	18.9	18.0	17.4	16.8	15.7
200	26.2	26.2	26.2	25.0	24.2	23.4	21.8
250	33.1	33.1	33.1	31.5	30.5	29.5	27.5
300	39.4	39.4	39.4	37.5	36.3	35.1	32.7
350	47.2	47.2	47.2	45.0	43.6	42.1	39.2
400	52.4	52.4	52.4	50.0	48.4	46.8	43.6
450	59.2	59.2	59.2	56.5	54.7	52.9	49.3
500	66.0	66.0	66.0	63.0	61.0	59.0	54.9



Control systems

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Connect with Daikin

If you are a user or installer it is important you can **interact with our systems** in the easiest way, from **anywhere you are**. For any user our interfaces create **peace of mind** that their system is running in the best possible way.





- For home owners it means app and voice control of their home comfort.
- For hotel owners it means easy and stylish personal control for guests, with an integration in hotel booking software for central control
- For facility managers it means **cloud access** to all sites, with the possibility to benchmark, optimize performance
- For installers it means easy transfer of settings during commissioning, remote retrieval of errors and preventive alerts to save time on maintenance or interventions

Our controls enable you to **connect with your customer**, save time, improve your comfort intelligently and reduce energy bills.





01 1

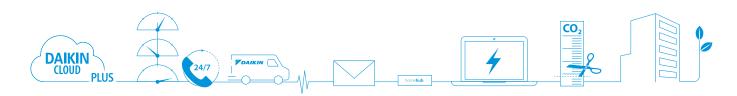
Remote monitoring











Control solutions summary

Daikin offers various control solutions adapted to the requirements of even the most demanding commercial application.

- Basic control solutions for those customers with few requirements and limited budget
- Integrating control solutions for those customers who would like to integrate Daikin units into their existing BMS system
- · Advanced control solutions for those customers who expect Daikin to deliver a mini BMS solution, including advanced energy management

Shop	Unit c	ontrol		Integratir	ng control			Advance	d control	
	(3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	21 \$			्क् • क् • क् • क् • क् • क् • क् • क् •		Intelligent Controller	Intelligent Manager	N	M 1
	BRP069*	BRC1H52 W7/S7/K7	RTD-20	EKMBPP1A	KLIC DI V2	EKMBDXB	DCC601A51	DCM601B51	DGE601A51	DGE602A51
	Smartphone control for up to 50 indoor units	1 remote controller for 1 indoor unit (group)	1 gateway for 1 indoor unit (group)	1 gateway for 1 indoor unit (group)	Two additional probes can be connected	1 gateway for max. 64 indoor unit(s) (groups) & 10 outdoors	1 unit for 32 indoor unit(s)	1 iTM for 64 indoor unit(s) (groups) (1)	Up to 512 units with extension modules via Daikin Cloud Plus	Max 64 units via Daikin Cloud Plus
Automatic control of A/C	•	•	•	•	•	•	•	•	•	•
Limit control possibilities for shop staff	•	•	•	•	•	•	•	•	•	•
Create zones within the shop			•				•	•	•	•
Interlock with eg. Alarm, PIR sensor			•				(limited)	•	•	•
Integration into smart home systems	• (5)									
Integrate Daikin units into existing BMS via Modbus			•	•		•				
Integrate Daikin units into existing BMS via KNX					•					
Integrate Daikin units into existing BMS via HTTP								•		
Monitor energy consumption	• (3)							•	•	•
Advanced energy management								•	•	•
Allows free cooling								•		
Voice control	• (4)									
Integrate Daikin products cross pillars into Daikin mini- BMS								•	•	
Integrate third party products into Daikin mini-BMS								•	•	•
Online control	•							• (2)	•	•
Manage multiple sites									•	•

^{(1) 7} iTM plus adapters (DGE601A52 and DGE601A53) can be added to have 512 indoor groups and 80 outdoor (systems) | (2) Through own iT set-up (not Daikin cloud server) | (3) Not available on all indoors | (4) Only for BRP069C51, connection to Google Assistant and Amazon Alexa | (5) Only for BRP069C51, contact your local sales representative for an overview of available services.

Hotel	Unit control	Integratio	ng control	Advanced control				
	21		20 mg 1 mg		Include Manager		H. 15	
	BRC1H52 W7/S7/K7	RTD-20	KLIC DI V2	DCM010A51	DCM601B51	DGE601A51	DGE602A51	
	1 remote controller for 1 indoor unit (group)	1 gateway for 1 indoor unit (group)	Two additional probes can be connected	1 interface for up to 2,500 indoor units	1 iTM for 64 indoor unit(s) (groups) (1)		Max 64 units via Daikin Cloud Plus	
Hotel guest can control & monitor basic functionalities from his room	•							
Limit control possibilities for hotel guests	•	•	•	•	•	•	•	
Interlock with window contact		•			•	•	•	
Interlock with key-card		•			•	•	•	
Integrate Daikin units into existing BMS via Modbus		•						
Integrate Daikin units into existing BMS via KNX			•					
Integrate Daikin units into existing BMS via HTTP				•				
Integrate Daikin unit control in hotel booking software				•				
Oracle Opera PMS				•				
Monitor energy consumption					•	•	•	
Advanced energy management					•	•	•	
Integrate Daikin products cross pillars into Daikin mini- BMS					•	•		
Integrate third party products into Daikin mini-BMS					•	•	•	
Online control					•	•	•	

For more information how to apply our controllers in different applications, consult our controls application catalogue via our consulting sales corner.



Office	Unit control	In	tegrating cont	rol	Advanced control				
	21		LonWorks Interface	BACnet Interface	intelligent Controller	Incliginf Manager		B	
	BRC1H52 W7/S7/K7	EKMBDXB	DMS504B51	DMS502A51	DCC601A51	DCM601B51	DGE601A51	DGE602A51	
	1 remote controller for 1 indoor unit (group)	1 gateway for max. 64 indoor unit(s) (groups) & 10 outdoors	1 gateway for 64 indoor unit(s) (groups)	1 gateway for 128 indoor unit(s) (groups), 20 outdoors (2)	1 unit for 32 indoor unit(s) (groups)	1 iTM for 64 indoor unit(s) (groups) (1)	Up to 512 units with extension modules via Daikin Cloud Plus	Max 64 units via Daikin Cloud Plus	
Automatic control of A/C	•	•	•	•	•	•	•	•	
Centralised control for management		•	•	•	•	•	•	•	
Local control for office staff	•				•	Through web	•	•	
Limit control possibilities for office staff	•	•	•	•	•	•	•	•	
Integrate Daikin units into existing BMS via Modbus		•							
Integrate Daikin units into existing BMS via HTTP						•			
Integrate Daikin units into existing BMS via LonTalk			•						
Integrate Daikin units into existing BMS via BACnet				•					
Energy consumption read out	• (3)					•	•	•	
Monitor energy consumption						•	•	•	
Advanced energy management						• (5)	•	•	
PPD software to distribute used kWh/indoor unit				• (4)		•	•	•	
Integrate Daikin products cross pillars into Daikin mini- BMS						•	•		
Integrate third party products into Daikin mini-BMS						•	•	•	
Online control							•	•	
Manage multiple sites							•	•	

^{(1) 7} iTM plus adapters (DGE601A52 and DGE601A53) can be added to have 512 indoor groups and 80 outdoor (systems) | (2) Extension (DAM411B51) needed to have up to 256 indoor unit(s) (groups), 40 outdoors | (3) Not available on all indoor units | (4) via DAM412B51 option | (5) via DCM002A51 option

Infrastructure cooling	Unit	Integrating	Advanced
	21		Included Manager
	BRC1H52W7/S7/K7	RTD-10	DCM601B51
24/7	1 remote controller for 1 indoor unit (group) (2)	1 gateway for 1 indoor unit (group) Up to 8 gateways can be linked together	1 iTM for 64 indoor unit(s) (groups) (1)
Automatic control of A/C	•	•	•
Back-up operation	•	•	•
Duty rotation	•	•	•
Limit control possibilities in the technical cooling room	•	•	•
If room temperature above max., then show alarm & start standby unit.		•	•
If an error occurs, an alarm will be shown.	•	•	•
If an error occurs, activate an alarm output	Via KRP2/4A option (3)	•	Via WAGO I/O

^{(1) 7} iTM plus adapters (DGE601A52 and DGE601A53) can be added to have 512 indoor groups and 80 outdoor (systems) | (2) Infrastructure cooling functions only compatible with indoor units connected to RZQG*/RZAG* outdoor units. | (3) See option list of indoor unit



Onecta App

Now available with voice control

The Onecta App is for those who live their life on the go and who want to manage their Daikin system from their smartphone.



onecta

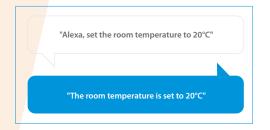
Voice control

To provide users with even more comfort and ease, the Onecta App now offers voice control. This hands-free feature cuts down on clicks to manage units faster than ever before.

Cross-functional and multilingual, voice control pairs well with any smart device, including Google Assistant and Amazon Alexa.



Example of using the voice control via Google Assistant



Scan the QR code to download the app now













Schedule

Set up a programme outlining when the system should operate, and create up to six actions per day.

- ✓ Schedule room temperature and operation mode
- Enable holiday mode to save costs



Monitor

Receive a thorough overview of how the system is performing and how much energy it consumes.

- ✓ Check the status of the heating system
- Access energy consumption graphs (day, week, month)

Function availability depends on the system type, configuration and operation mode. The app functionality is only available if both the Daikin system and the app have a reliable internet connection.



Control

Customise the system to fit your lifestyle and year-round comfort levels.

- ✓ Change room and domestic hot water temperature
- Turn on powerful mode to boost hot water production

For VRV

	Model #	WLAN
VRV 5 indoor units	FXFA-A	Optional
	FXZA-A	BRP069C51 (1)
	FXKA-A	
	FXDA-A	
	FXSA-A	
	FXMA-A	
	FXHA-A	
	FXUA-A	
	FXAA-A	
	FXNA-A	

(1) MMust be combined with BRC1H52W/S/K

	Model #	WLAN
CO ₂ VRV	FXFN-B	Optional
indoor units	FXSN-B	BRP069C51

For Sky Air

	Model #	WLAN
Sky Air	FDXM-F9	Optional
	FFA-A9	BRP069C81 (1)
	FBA-A(9)	
	FDA125A	
	ADEA-A	
	FAA-B	
	FHA-A(9)	
	FUA-A	
	FVA-A	
	FNA-A9	
	FCAG-B	Optional
	FCAHG-H	BRP069C82 (2)
	FDA200-250A	Optional BRP069C82 (3)

(1) Only possible in combination with wired or wireless remote control | (2) EWHAR1 is required if autocleaning panel & Onecta is connected; Cannot be combined with KRP4A53; Only possible in combination with wired or wireless remote control | (3) Cannot be combined with KRP4A51 and KRP2A51

Madoka wired remote controller The beauty of simplicity.

Madoka



Silver RAL 9006 (metallic) BRC1H52S7



Black RAL 9005 (matte) BRC1H52K7



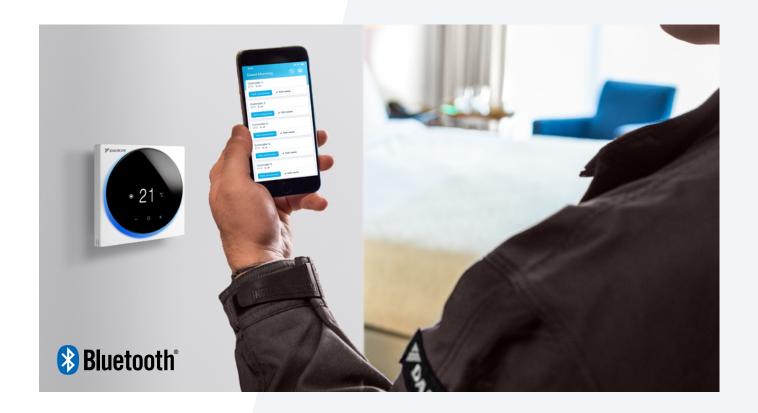
User-friendly wired remote controller with premium design

Madoka combines refinement and simplicity

- Sleek and elegant design
- Intuitive touch-button control
- Three display options: standard, detailed and new symbolic view
- Three colours to match any interior
- Compact, measures only 85 x 85 mm
- Advanced settings copy function and commissioning via smartphone
- CO₂ concentration visualisation







Madoka Assistant

Simplifies the advanced settings such as schedule or set point limitation



- Save field settings and schedules on your phone and upload to multiple controllers, saving time and cost
- Easy and quick commissioning
- Featuring Bluetooth® low energy technology





Download the application here:

Control your devices

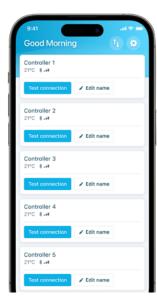
Office 1

Set schedules

Gain insights



Installer mode



BRC1H52W7 / BRC1H52S7 / BRC1H52K7

Madoka wired remote controller for Sky Air and VRV



A complete redesigned controller focussed to enhance user experience

- Sleek and elegant design
- Intuitive touch-button control
- Three display options: standard, detailed and symbolic view
- Direct access to basic functions (on/off, set point, mode, target values, fan speed, louvres, filter icon & reset, error & code)
- Three colours to match any interior
- Compact, measures only 85 x 85 mm
- Real time clock with auto update to daylight saving time



Standard view

BRC1H52S7

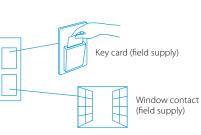


Hotel application features

• Energy saving through key card, window contact integration and set point limitation (BRP7A*)

Flexible setback function ensures room temperature remains within comfortable limits to ensure guest comfort

Key card and window contact integration Adaptor (BRP7A*)



Madoka Assistant: Advanced settings can be easily done via your smartphone

Control your devices



A range of energy-saving functions that can be selected individually

- Temperature range restriction: Save on energy by setting the low temperature limit in cooling mode and the high temperature limit in heating mode (1)
- Setback function
- Adjustable presence detector and floor sensor (available on the Round Flow and Fully Flat Cassettes)
- Automatic temperature reset
- Auto off timer

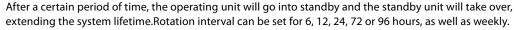
Kilowatt-hour consumption tracking (2)

The kWh indicator displays indicative power consumption for the last day/month/year.

- Three user access levels: Basic user, Advanced and Installer to match user requirements and prevent improper use.
- Save field settings and schedules on your phone and upload to multiple controllers, saving time and cost
- Mark frequently used menu's as favourites for direct
- Up to three independent schedules can be programmed, allowing you to switch easily between them throughout the year (e.g. summer/winter/ mid-season)
- Menu settings can be individually locked or restricted
- The outdoor unit can be set to quiet mode and power consumption limit control by schedule (3)
- Real-time clock that updates automatically for daylight saving

Cost-effective solution for infrastructure cooling applications

- Only in combination with RZAG* / RZQG*
- Duty rotation



Back-up operation: if one unit fails, the other unit will start automatically

(1) Also available in auto cooling/ heating changeover mode (2) For Sky Air FBA, FCAG and FCAHG pair combinations only (3) Only available on RZAG*, RZASG*, RZQG*, RZQSG*





BRC1E53A

User friendly remote control for Sky Air and VRV



Graphical display of indicative electricity consumption (Function available in combination with FBA-A, FCAG

A series of energy saving Other functions functions that can be individually selected

- Demand control (1)
- Temperature range limit
- Setback function
- Presence & floor sensor connection (available on round flow and fully flat cassette)
- kWh indication (2)
- Set temperature auto reset
- Off timer

- Up to 3 independent schedules
- Possibility to individually restrict menu functions
- · Choice of display between symbol or text
- Real time clock with auto update to daylight saving time
- Built-in backup power for clock (up to 48 hours). Settings are always kept in case of power loss.
- Supports multiple languages: BRC1E53A: English, German, French, Dutch, Spanish, Italian, Portuguese

Cost-effective solution for infrastructure cooling applications

Only in combination with RZAG* / RZQG*



(1) Only available on RZAG*, RZASG*, RZQG*, RZQSG* (2) For Sky Air FBA, FCAG and FCAHG pair combinations only

BRC1D52

Wired remote control for Sky Air and VRV



BRC1D52

- Schedule timer: Five day actions can be set
- Home leave (frost protection): during absence, the indoor temperature can be maintained at a certain level. This function can also switch the unit ON/OFF
- User friendly HRV function, thanks to the introduction of a button for ventilation mode and fan speed
- Immediate display of fault location and condition
- Reduction of maintenance time and costs

BRC4*/BRC7*

Infrared remote control



BRC4*/BRC7*

Operation buttons: ON/OFF, timer mode start/stop, timer mode on /off, programme time, temperature setting, air flow direction (1), operating mode, fan speed control, filter sign reset (2), inspection (2)/test indication (2) Display: Operating mode, battery change, set temperature, air flow direction (1), programmed time, fan speed, inspection / test operation (2)

- 1. Not applicable for FXDQ, FXSQ, FXNQ, FBDQ, FDXM, FBA
- For FX** units only
- 3. For all features of the remote control, refer to the operation manual

DCC601A51

Intelligent Controller

Advanced centralised controller

- Intuitive and user-friendly interface
- Flexible concept for stand alone applications
- Total solution thanks to integration of 3rd party equipment

Local solution

- Offline centralised control
- Stylish optional screen fits any interior

System layout





Total solution

- Total solution thanks to a large integration of Daikin products and 3rd party equipment
- Connect a wide range of units (Split, Sky Air, VRV, Ventilation, Biddle air curtains)
- Simply control your entire building centrally
- Increased customer shopping experience by better management of your shop comfort level

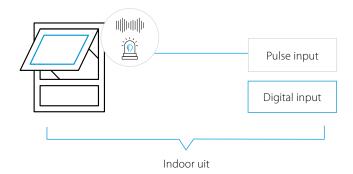
User friendly touch control

- Stylish Daikin supplied optional screen for local control fits any interior
- Intuitive and user-friendly interface
- Full solution with simple control
- Easy commissioning

Flexible

- Pulse/digital inputs for 3rd party equipment such as kWh meters, emergency input, window contact
- Control up to 32 indoor units per controller and 320 units per site

(1) only available in combination with certain indoor units



Functions overview

		Local solution
Languages		Depends on local device
C	N° of connectable indoor units	32
System layout	Multiple sites control	
	Basic control functions (ON/OFF, mode, filter sign, setpoint, fan speed, ventilation mode, room temperature,)	•
	Remote control prohibition	•
	All devices ON/OFF	•
	Zone control	
Monitoring & control	Group control	•
CONTROL	Weekly schedule	•
	Yearly schedule	
	Interlock control	•
	Set point limitation	
	Visualisation of energy use per operation mode	
	DX split, Sky Air, VRV	•
Connectable to	Modular L Smart, VAM, VKM ventilation	•
	Air curtains	•

For available Daikin Cloud Service options refer to the option list

DCM601B51

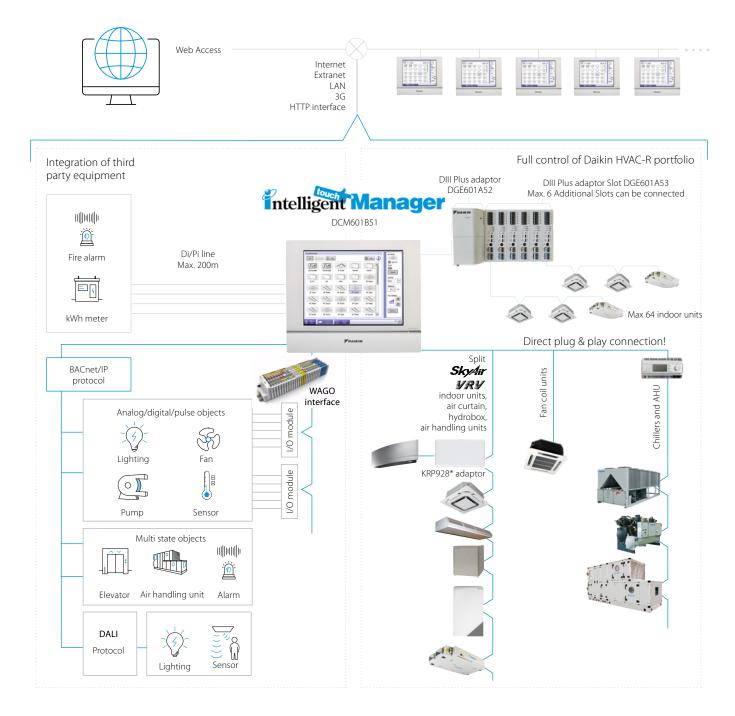
Mini BMS with full integration across all product pillars

System overview





- Price competitive mini BMS
- Cross-pillar integration of Daikin products
- Integration of third party equipment



User friendliness

- Intuitive user interface
- Visual lay out view and direct access to indoor unit main functions
- All functions direct accessible via touch screen or via web interface
- Simplified electrical wiring, only one power supply & one connection wiring required

Smart energy management

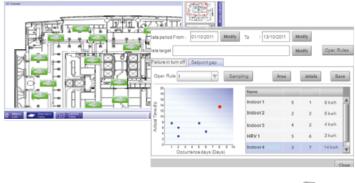
- Monitoring if energy use is according to plan
- Helps to detect origins of energy waste
- Powerful schedules guarantee correct operation throughout the year
- Save energy by interlocking A/C operation with other equipment such as heating
- Peak Power Cut off Control: Activating this feature in schedule function allows users to operate the outdoor unit in 4 settings i.e. 100%,70%, 40% and 0%

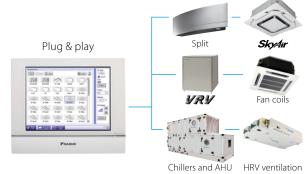
Flexibility

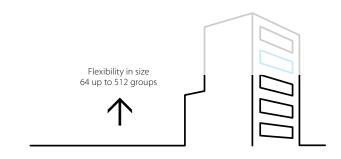
- Cross-pillar integration (heating, air conditioning, applied systems, refrigeration, air handling units)
- BACnet protocol for 3rd party products integration
- I/O for integration of equipment such as lights, pumps... on WAGO modules
- Modular concept for small to large applications
- Manage multiple sites

Easy servicing and commissioning

- Remote refrigerant containment check reducing on site visit
- Simplified troubleshooting
- Save time on commissioning thanks to the pre-commissioning tool
- Auto registration of indoor units







Functions overview

Languages

- English
- French
- German
- Italian
- Spanish
- Dutch
- Portuguese

Control

- Group monitoring and control
- Schedule setting (Weekly schedule, yearly calender, seasonal schedule)
- Interlock control
- Setpoint limitation
- Temperature limit
- Schedule function to activate quiet operation mode on outdoor unit
- Air purification control & Air quality level display (CO₂ level display possible with BRYMA sensor)
- Duty rotation and backup operation
- Remote control prohibition
- Demand control

Management

- Multi site management
- Web access via html 5
- Power Proportional Distribution (option)
- Operational history (malfunctions, ...)
- Smart energy management
- monitor if energy use is according to plan
- · detect origins of energy waste
- Setback function
- Sliding temperature
- E-mail notification
- Icon and Floor map view

System layout

- Up to 512 indoor unit groups can be controlled (ITM + 7 iTM Plus adapters)
- Up to 56 connectable outdoor units
- Up to 650 connectable management points (with I/O module)

WAGO Interface

- Modular integration of 3rd party equipment
- Large variety of input and outputs available. For more details refer to the options list

DALI integration

- Control and monitor the lights
- Easier facility management: receive error signal when light or light controller has a malfunction
- Flexible approach and less wiring needed, compared to classic light scheme
- Easier to make groups and control scenes
- Connection between intelligent Touch Manager and DALI through WAGO BACnet / IP interface

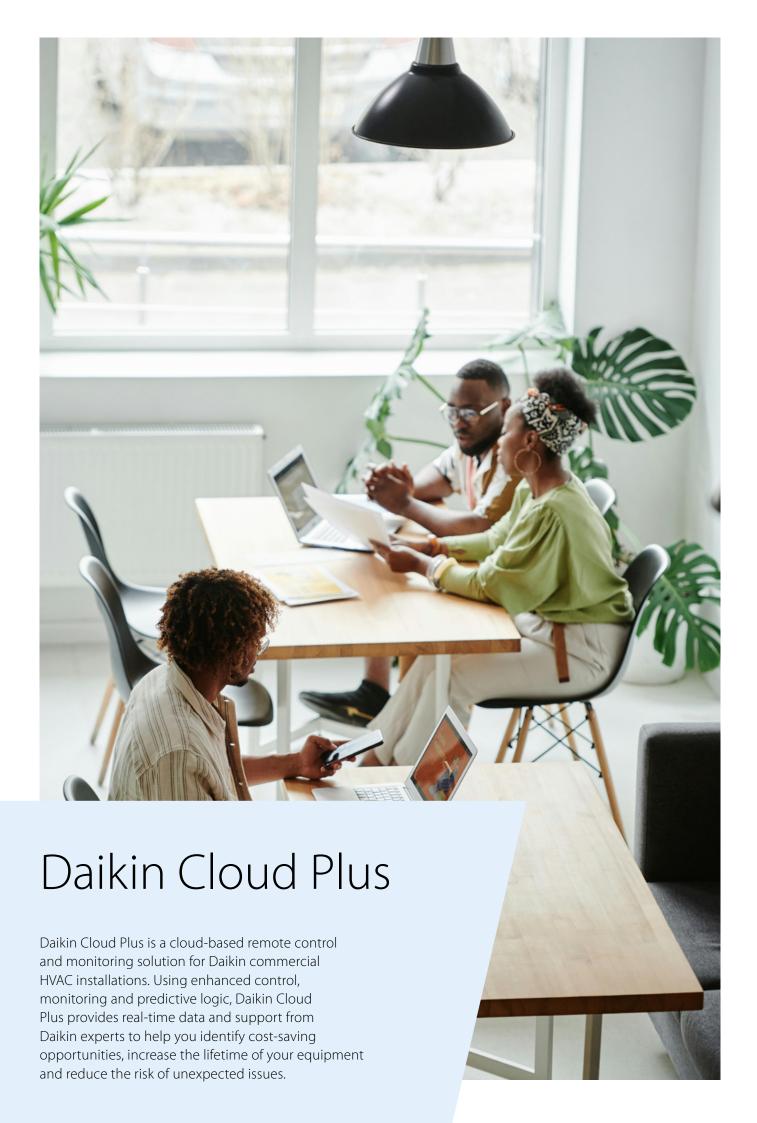
Open http interface

 Communication to any third party controller (domotics, BMS, etc.) is possible via http open interface (http option DCM007A51)

Connectable to

- DX Split, Sky Air, VRV
- HRV
- Chillers (via MT3-EKCMBACIP controller)
- Daikin AHU (via MT3-EKCMBACIP controller)
- Fan coils
- LT and HT hydroboxes
- Biddle Air curtains
- WAGO I/O
- BACnet/IP protocol
- Daikin PMS interface (option DCM010A51)

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Benefits



Easy control of multiple sites

- Remote control and manage sites remotely
- Floor plan control per site
- Multi-site access
- Permission based access



Save energy & meet sustainability goals

- Monitor energy consumption trends
- Smart control of systems to save energy
- Insights to improve HVAC system performance
- Reduced costs
- Contribute to carbon neutrality



Connectivity and integration possibilities

- Simple to advanced edge controllers
- Various interfaces
- Advanced security



Manage, monitor and control indoor climate from anywhere

- Limits the necessity for on-site control
- Minimises downtime and engineer call outs
- Optimised maintenance
- Monitoring of indoor air quality

Main applications

Light commercial and commercial systems



The ultimate control over your indoor climate and air quality

- Save energy & reduce costs
- Enhance comfort & satisfaction
- Smart control from anywhere
- Ensure healthy indoor environment
- Maximise uptime (remote prediction, monitor & diagnose)
- Integrates easily with building systems

Supporting your business and helping you succeed

- Maximise comfort and satisfaction of your staff, customers, tenants, ...
- Save energy & reduce costs
- Facilitate your sustainability goals
- Cost effective control and energy monitoring of HVAC and other facility systems such as lighting
- Limits the necessity for on-site interventions
- Minimises downtime and engineer call outs

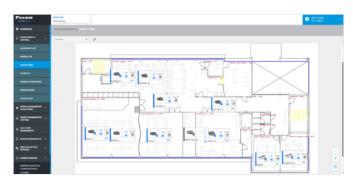
Cloud application interface



asnboard Equipment List







Layout View

^{*} Features depend on unit compatibility and region. Images are indicative and might change if the product evolves.



What can Daikin Cloud Plus do for you?

Were you aware that HVAC systems account for as much as 40% of the total energy consumption in buildings?

- Daikin Cloud Plus logs historical data and allows you to monitor, compare HVAC consumption
- Daikin Cloud Plus allows you to integrate with energy meters so you can monitor not only HVAC but also other energy consumers (facility, gas, water, ...)
- Daikin Cloud Plus allows you to configure and control the system smarter to save energy with restrictions, interlocking rules, schedules, etc.

Are you interested in tracking the progress of sustainability goals or the sustainability policies you put into action?

- Daikin Cloud Plus allows you to monitor, analyse and compare HVAC energy consumption
- Daikin Cloud Plus allows you to remote control and manage new cooling or heating related policies (e.g. heating setpoint of 1° lower)

How do you ensure maximum comfort and minimal interruptions of cooling and heating?

- Daikin Cloud Plus can predict failures to anticipate and prevent unplanned downtime of the heating or cooling
- Daikin Cloud Plus real-time system error notifications to ensure a direct response in case something goes wrong
- Daikin Cloud Plus logs all events in the system and visualized the temperature evolutions
- Daikin Cloud Plus remote system access to indoor and outdoor unit operational data reduces engineering visits on site

How to manage and remote control one or multi-site building estate and apply uniformization in climate control?

- Daikin Cloud Plus allows you to monitor, manage and control multiple sites from anywhere
- Daikin Cloud Plus allows to compare multiple sites

How give peace of mind about indoor air quality?

- Daikin Cloud Plus integrates with IAQ sensors and can take automated actions or provide warnings where needed
- Daikin Cloud Plus allows to monitor and analyse the indoor air quality in order to take necessary actions

How to control my other systems at the facility?

- Daikin Cloud Plus provides possibilities to integrate with other facility systems as a stand-alone system, such as integration with lighting system
- Daikin Cloud Plus provides possibilities to integrate with other facility managment systems like BMS or BEMS

Main features



Remote Control, Demand Control and Scheduling

Control and monitor the climate of your buildings at any time, from anywhere. From a web browser, it is possible to adjust your units' parameters, including temperature setpoints, fan speeds, heating or cooling operation modes and much more. All these parameters can be scheduled for maximum convenience during weekdays, weekends, holidays, office hours, opening hours, etc. Schedules are stored on the controller so the units are functioned as scheduled despite the internet connection. Additionally, units can be positioned in a visual floor plan to make it easier to locate an unit and change the setpoints remotely. Demand control reduces the peak consumption with minimal impact on comfort by predicting future needs and adjusting the operational capacity of the units accordingly.



Interlocking

Smart rules can be integrated to optimise the operation of your units by setting specific triggers and scheduling necessary actions when these conditions happen. Through "if this, then that" principle, both the comfort of users and the efficiency of units can be optimised. For example, a rule can be: "If a window is open, then after 5 minutes, turn off the air-conditioner". Furthermore, the system enables setting restrictions remotely. For example, a user can only change the temperature between certain limits, which gives users control over their comfort while restricting extreme settings.



Energy Monitoring

Get detailed visualisation and export energy data of your buildings. Powerful graphs, comparisons and visualisations are available to help you assess the performance and potential improvements to reduce excessive energy and lower your energy costs. Next to detailed energy data of HVAC systems, it is possible to add external meters to measure consumption of lighting and water systems.



Multi-site Management

Get a map view of all your sites with status alerts, benchmark and compare sites to one another. From the map view, you can get direct access to each site to monitor and control the site remotely. This helps to reduce site visits and get insights that lead to opportunities for reducing operational costs while maintaining great comfort levels.



Building Integration

Not only HVAC but other facilities in the buildings can be controlled from the central platform. For example, the lighting system can be included in schedules and integrated with interlocking to have one single point of control and optimise energy efficiency for your buildings.

Use cases





For offices

- Setting temperature ranges for office areas to avoid extreme settings by staff
- Detailed energy monitoring and export of data per tenant of different office areas
- Estimation of energy consumption and setting the right pricing for each tenant
- Scheduling and restrict controls to avoid energy waste and save energy costs



Alarm Email Notification

Receive alarm notifications for your sites and stay updated on alarm statuses. View active alarms in the platform and receive email notification containing information about the alarms on the Daikin Cloud Plus platform.



Power Consumption Distribution

Proportional distribution of power consumption allows you to calculate the consumption for specific areas in your buildings. For example, you can calculate how much power is used by a tenant on a certain floor. For this function, energy meters are required.



Remote Field Settings

Field settings of outdoor units can be adjusted remotely. This allows technicians and building operators to adjust, configure and monitor outdoor units from a distance, reducing the need to be at the location, save time and costs associated with travel, labour and maintenance, increase efficiency and overall performance.



Site and Alarm History

Trace schedule trigger units or manual actions that were done on the units and sites. Past events, changes, and adjustments, enabling you to identify trends, gauge performance improvements, and strategise for the future. By drawing from historical data, you'll make informed decisions, adapt strategies, and drive continuous enhancements, revolutionising your HVAC management approach. Get detailed overview of alarms relating to your sites and real-time status of the alarms.



Prediction & Email Notification

Early fault predictive algorithms help to prevent major failures. Based on the alarm and operational data, unit-specific prediction logic allows you to preventively, see whether a unit could run into issues. Prediction logic alarms will be generated in this case, allowing early warnings and ensuring smooth operation.



Operational Data Access

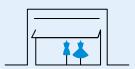
Effortlessly monitor, analyse, and fine-tune HVAC parameters remotely, enabling you to make informed decisions on the go. Real-time access to operational data, performance metrics, and energy usage empowers you to adjust settings, troubleshoot anomalies, and maintain peak efficiency, all while minimising the need for physical intervention. Operational data can be downloaded for further analysis and periodical reporting.



Indoor & Outdoor Unit Analysis

Dive into comprehensive insights into each unit's performance, energy consumption, and environmental impact. Seamlessly compare data across units, pinpointing inefficiencies and optimising your system's overall effectiveness. With a holistic view of indoor and outdoor units, you'll achieve unprecedented levels of operational harmony and energy savings.

* Features depend on unit compatibility and region. Images are indicative and might change if the product evolves.



For retailers

- Remote control and monitoring of all units in different shops from a centralised platform
- Testing and validating parameters and standardising settings for shops
- Energy visualisations and exports
- Remote control over lightings

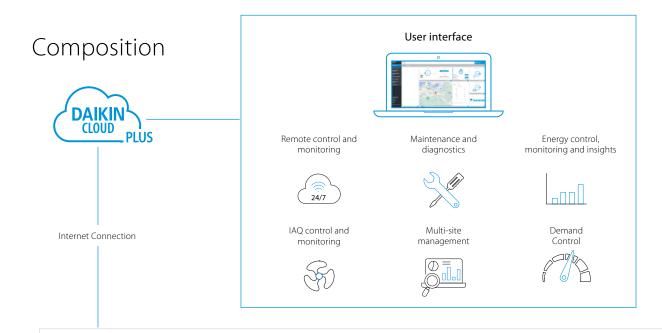


For hotels

- Setting temperature ranges for rooms to avoid extreme settings by guests
- Energy monitoring
- Scalability made easier thanks to standardised system settings



Controllers & accessories Controllers and their connections







Centralised control systems

Controller Features

				DGE601A51 (Edge)	DGE602A51 (Edge lite)
		DIII	port	2	1
		DIII	(Indoor unit connection / port)	64	64
		Fthernet ——	Internet	1	1
			2nd LAN port (BACnet)	1(N.A. yet)	0
	I/F	RS485	WAGO	1	0
ontroller		ADP	For DIII NET Plus ADP	1	0
pecification			(Maximum expansion)	6	
		Control	Di/Pi	8	4
		Contact	Do	3	2
	Number of	Number of connection DIII management points	Standard	128	64
			Maximum with ADP	512	-
		Total management points	Including AC and other facilities	1,000	76

Functions overview

Maximum connectable indoor units	512
Maximum connectable management point with I/O module	960
Group monitoring and control	✓
Icon / Floor map view	✓
Timer extension	✓
Error/Status monitoring & history saving	✓
Malfunction prediction logic	✓
IAQ interlocking	✓
IAQ visualization	✓
E-mail error reporting	✓
R/C prohibition	✓
Multisite management	✓
Schedule (Yearly, Monthly, Weekly, Special days)	✓
Interlocking	✓
Advanced power saving function (e.g. demand control)	✓
Remote maintenance	✓
Defrost changeover/Anti-frost*	✓
Target evaporating/condensing temperature*	✓
Capacity priority*	✓
Low noise operation*	✓
Leakage detection alarm*	✓
Proportional power distribution (PPD)	✓
Energy consumption monitoring	✓
3rd Party Integration (IFTTT, Alexa, Siri, etc)	×
Cross-pillar products (e.g. DHW, Chillers)	×

Individual Modbus interfaces

RTD-RA

Modbus interface for monitoring and control of residential indoor units

DAIKIN MODBUS ADAPTOR SIMPLE (EKMBPP1A) **NEW**

- Modbus interface for monitoring & control of Sky air, VRV & ventilation units.
- Smart grid control for Sky air indoor units.

RTD-10

- Advanced integration into BMS of Sky Air, VRV, VAM and VKM through either:
 - Modbus
 - Voltage (0-10V)
 - Resistance
- Duty/standby function for server rooms

RTD-20

- Advanced control of Sky Air, VRV, VAM/VKM and air curtains
- Clone or independent zone control
- Increased comfort with integration of CO₂ sensor for fresh air volume control
- Save on running costs via
 - pre/post and trade mode
 - set point limitation
 - overall shut down
 - PIR sensor for adaptive deadband

RTD-HO

- Modbus interface for monitoring and control of Sky Air, VRV, VAM and VKM
- Intelligent hotel room controller

RTD-W

 Modbus interface for monitoring and control of Daikin Altherma Flex Type, VRV HT hydrobox and small inverter chiller

Daikin HomeHub EKRHH **NEW**

- Modbus RTU connectivity
- Configuration, control and feedback through the MMI of the Daikin Altherma or Multi+ (DHW) tank

DCOM-LT/MB

 Modbus interface of Daikin Altherma air-to-water heat pumps, hybrid heat pumps and ground source heat pumps

DCOM/LT-IO

• Voltage & resistance control in addition to Modbus













Main functions			RTD-RA	EKMBPP1A	RTD-10	RTD-20	RTD-HO
Dimensions	HxWxD	mm	80x80x37.5	100x100x20		100x100x22	
Key card + window contact							✓
Set back function			✓				✓
Prohibit or restrict remote co	ontrol functions (setpoint limitation,)		✓	✓	✓	√**	✓
Modbus (RS485)			✓	✓	✓	✓	✓
Group control			√(1)	✓	✓	✓	✓
0 - 10 V control					✓	✓	
Resistance control					✓	✓	
IT application			✓		✓		
Heating interlock					✓	✓	
Output signal (on/defrost, er	rror)				✓	√****	✓
Retail application						✓	
Partitioned room control						✓	
Air curtain				√***	√***	✓	

(1)	Rv	combi	inina	RTD-RA	devices
 U17.	. Бу	COILIDI	HIIII	IN I D-IN/N	nevice:

Control functions	RTD-RA	EKMBPP1A	RTD-10	RTD-20	RTD-HO
On/Off	M,C	M	M,V,R	M	M*
Set point	M	M	M,V,R	M	M*
Mode	M	M	M,V,R	M	M*
Fan	M	M	M,V,R	M	M*
Louver	M	M	M,V,R	M	M*
HRV Damper control		M	M,V,R	M	
Prohibit/Restrict functions	M	M	M,V,R	M	M*
Forced thermo off	M				
Smart Grid Control		M			

Siliar Grid Corticol		IVI			
Monitoring functions	RTD-RA	EKMBPP1A	RTD-10	RTD-20	RTD-HO
On/Off	M	M	M	M	M
Set point	M	M	M	M	M
Mode	M	M	M	M	M
Fan	M	M	M	M	M
Louver	M	M	M	M	M
RC temperature		M	M	M	M
RC mode		M	M	M	M
N° of units		M	M	M	M
Fault	M	M	M	M	M
Fault code	M	M	M	M	M
Return air temperature (Average/Min/Max)	M	M	M	M	M
Filter alarm		M	M	M	M
Termo on	M	M	M	M	M
Defrost		M	M	M	M
Coil In/Out temperature	Maa	M	M	M	M



Main functions			RTD-W	Con
Dimensions	HxWxD	mm	100x100x22	Leav
On/off prohibition			✓	Ope
Modbus RS485			✓	Spac
Dry contact control			✓	Rooi
Output signal (operation erro			✓	Rooi
Space heating / cooling oper	ration		✓	Quie
Domestic hot water control			<u> </u>	DHW
Smart Grid control				DHW
Control functions		'		DHW
On/Off Space heating/coolin	g		M,C	Wear
Set point leaving water temp	perature (heating / cooling))	M,V	SG o
Room temperature setpoint			M	Pow
Operation mode			M	Gene
Domestic Hot water ON				
Domestic Hot Water reheat			M,C	Mon
Domestic Hot Water reheat s				Erro
Domestic Hot Water storage			M	Circu
Domestic Hot Water Booster	setpoint			Com
Quiet mode			M,C	Back
Weather dependent setpoin			M	Disir
Weather dependent curve sh			M	Defr
Fault/pump info relay choice				Dell

Fault/pump info relay choice	
Control source prohibition	M
Smart grid mode control	
Prohibit Space heating/cooling	
Prohibit DHW	
Prohibit Electric heaters	
Prohibit All operation	
PV available for storage	
Powerful boost	
Monitoring functions	
On/Off Space heating/cooling	M.C
Set point leaving water temperature (H/C)	M
Room temperature setpoint	M
Operation mode	M
Domestic Hot Water reheat	 M
Domestic Hot Water storage	M
Number of units in the group	M
Average leaving water temperature	M
Remocon room temperature	M
• Fault	M,C
Fault code	M
 Circulation pump operation 	M
 Flow rate 	
 Solar pump operation 	
 Compressor status 	M
 Desinfection operation 	M
Setback operation	M
Defrost/ start up	M
Hot start	
Booster Heater operation	
3-Way valve status	
Pump running hours accumulated	M
Compressor running hours accumulated	
Actual leaving water temperature	M
Actual return water temperature	M
Actual DHW tank temperature (*) Actual refrigerant temperature	M

ontrol functions	EKRHH
eaving water main heating or cooling setpoint	✓
peration mode	✓
pace heating/cooling ON/OFF	✓
oom thermostat control heating or cooling setpoint	✓
oom thermostat ON/OFF	✓
uiet mode ON/OFF	✓
HW reheat set point	✓

Room thermostat ON/OFF	✓
Quiet mode ON/OFF	✓
DHW reheat set point	✓
DHW reheat ON/OFF	✓
DHW powerful mode ON/OFF	✓
Weather dependent mode and offset	✓
SG operation mode	✓
Power limit during recommended on / buffering	✓
General power limit	✓
Monitoring functions	
Error code	✓
Circulation pump running	✓
Compressor running	✓
De alore la catación de la catación	/

Enorcoac	
Circulation pump running	✓
Compressor running	✓
Backup heater running	✓
Disinfection operation	✓
Defrost/startup/hot start	✓
Operation mode	✓
Leaving water temperature PHE/BUH	✓
Return water temperature	✓
Domestic hot water temperature	✓
Ambient temperature	✓
Liquid refrigerant temperature	✓
Flowrate	✓
Room temperature	✓
Heat pump power consumption	✓
DHW operation / space heating operation	✓
Leaving water temperature lower and upper limit	✓

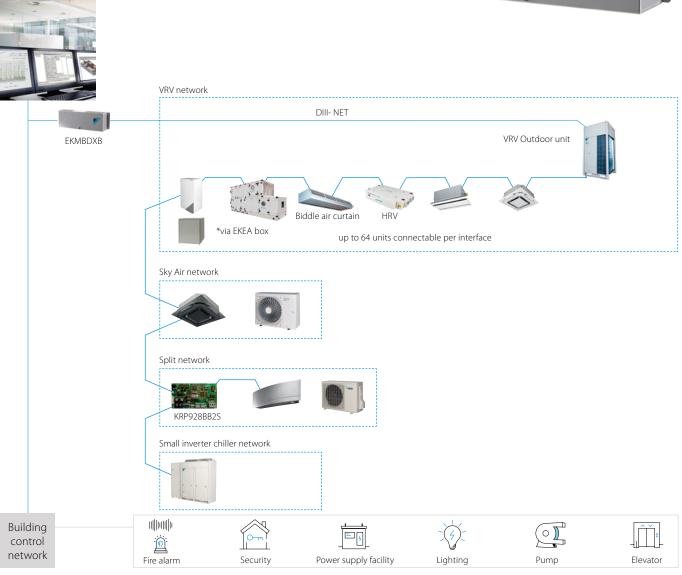
EKMBDXB

DIII-net Modbus interface

Integrated control system for seamless connection between Split, Sky Air, VRV and small inverter chillers and BMS systems

- Communication via Modbus RS485 protocol
- Detailed monitoring and control of the VRV total solution
- Easy and fast installation via DIII-net protocol
- As the Daikin DIII-net protocol is being used, only one modbus interface is needed for a group of Daikin systems (up to 10 outdoor units systems).





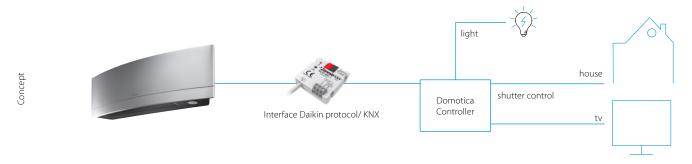
			EKMBDXB7V1
Maximum number of connectable indoor	r units		64
Maximum number of connectable outdoor units			10
Communication	DIII-NET - Remark		DIII-NET (F1F2)
	Protocol - Remark		2 wire; communication speed: 9,600 bps or 19,200 bps
	Protocol - Type		RS485 (modbus)
	Protocol - Max. Wiring m		500
Dimensions	HeightxWidthxDepth	mm	124x379x87
Weight		kg	2.1
Ambient temperature - operation	Max.	°C	60
	Min.	°C	0
Installation			Indoor installation
Power supply	Frequency	Hz	50
	Voltage	V	220-240

KLIC-DDV3 KLIC-DI_V2

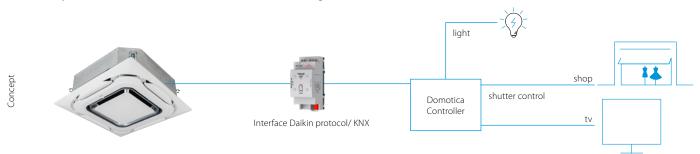
KNX interface

Integration of Split, Sky Air and VRV in HA/BMS systems

Connect split indoor units to KNX interface for Home Automation system



Connect Sky Air / VRV indoor units to KNX interface for BMS integration



KNX interface line-up

The integration of Daikin indoor units through the KNX interface allows monitoring and control of several devices, such as lights and shutters, from one central controller. One particularly important feature is the ability to programme a 'scene' - such as "Home leave"

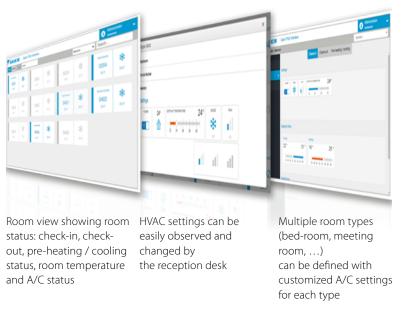
- in which the end-user selects a range of commands to be executed simultaneously once the scenario is selected. For instance in
- "Home leave", the air conditioner is off, the lights are turned off, the shutters are closed and the alarm is on.

KNX interface for KLIC-DDV3 size 45x45x15mm KLIC-DI_V2 size 90x60x35mm Sky Air Basic control On/Off Mode Auto, heat, dry, fan, cool Auto, heat, dry, fan, cool Auto, heat, dry, fan, cool Temperature Fan speed levels 3 or 5 + auto 2 or 3 2 or 3 Swing or fixed positions (5) Swing Stop or movement Stop or movement Advanced functionalities Error management Communication errors, Daikin unit errors Scenes Auto switch off Temperature limitation Initial configuration Master and slave configuration

DCM010A51

PMS Interface

Hotel interface connecting Daikin HVAC Property Management Systems



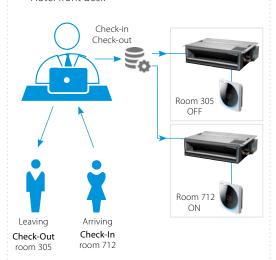


- User-friendly interface for easy front desk support in hotels, conference centers, ...
- Compatible with Oracle Opera PMS (formerly known as Micros Fidelio)
- Automated push of indoor unit settings based on the Opera PMS Check-In and Check-Out commands
- Energy saving thanks to the possibility to limit temperature setpoint
- Up to 5 customized operation profiles based on weather conditions
- Available in 23 languages
- Up to 2,500 units / rooms can be managed
- The Daikin PMS is using the FIAS protocol, designed by Oracle, to interface with the Property Management System.

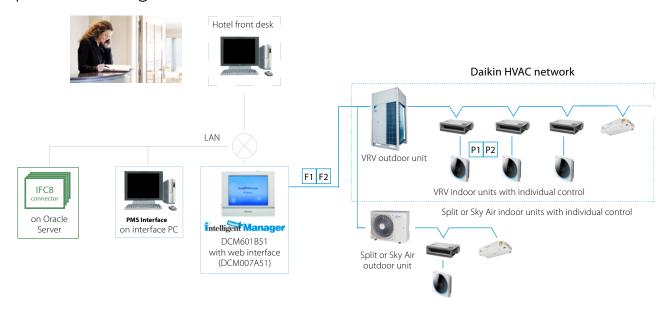
Hotel case example:

- On check-in the HVAC for the room is automatically switched on
- On check-out the HVAC for the room is automatically switched off.
- Increased hotel customer experience by preheating / cooling of booked rooms

Hotel front desk



Simplified configuration of Daikin PMS interface

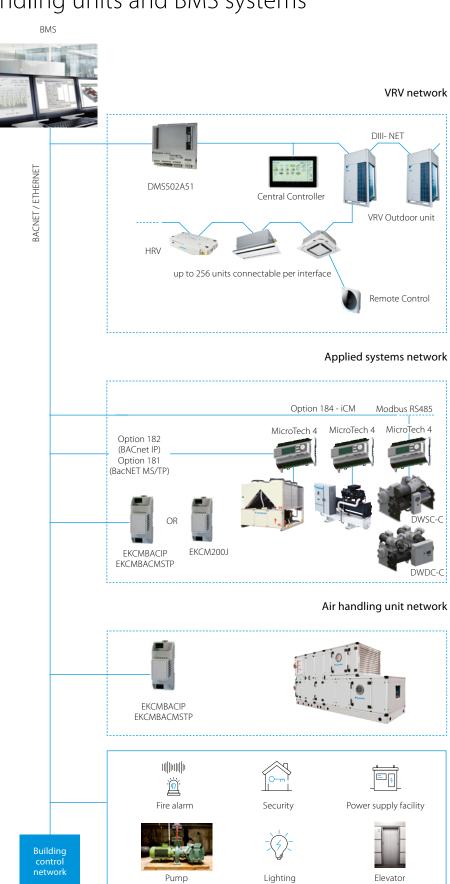


DMS502A51 / EKACBACMSTP / EKCMBACIP / EKCMBACMSTP

BACnet Interface

Integrated control system for seamless connection between VRV, applied systems, air handling units and BMS systems

- Interface for BMS system
- Communication via BACnet protocol (connection via Ethernet)
- Unlimited site size
- Easy and fast installation
- PPD data is available on BMS system (only for VRV)

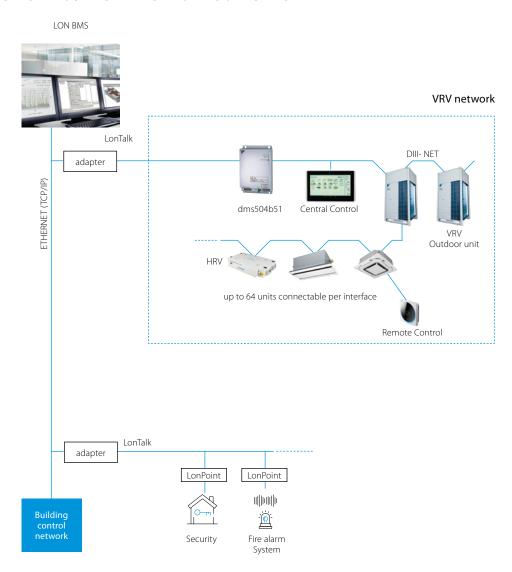


DMS504B51

LonWorks Interface

Open network integration of VRV monitoring and control functions into LonWorks networks

- Interface for Lon connection to LonWorks networks
- Communication via Lon protocol (twisted pair wire)
- Unlimited sitesize
- Quick and easy installation



EKPCCAB4

Daikin Configurator Tool + Software

Simplified commissioning: graphical interface to configure, commission and upload system settings

Simplified commissioning

The Daikin configurator for VRV is an advanced software solution that allows for easy system configuration and commissioning:

- Less time is required on the roof configuring the outdoor unit
- Multiple systems at different sites can be managed in exactly the same way, thus offering simplified commissioning for key accounts
- Initial settings on the outdoor unit can be easily retrieved







Retrieve initial system settings







K.RSS

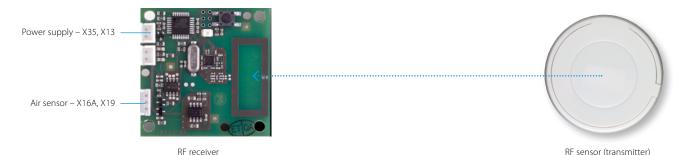
Wireless room temperature sensor for Sky Air and VRV

Flexible and easy installation

- Accurate temperature measurement thanks to flexible placement of the sensor
- No need for wiring
- No need to drill holes
- Ideal for refurbishment



Connection diagram Daikin indoor unit PCB (FXSQ example)



Specifications

			Wireless room temperature sensor kit (K.RSS)		
			Wireless room temperature receiver	Wireless room temperature sensor	
Dimensions		mm	50x50	ø 75	
Weight		g	40	60	
Power supply			16VDC, max. 20 mA	N/A	
Battery life			N/A	+/- 3 years	
Battery type			N/A	3 Volt Lithium battery	
Maximum range		m	m 10		
Operation range		°C	0~50		
C	Туре		RF		
Communication	Frequency	MHz	868.3		

• Room temperature is sent to the indoor unit every 90 seconds or if the temperature difference is 0.2°C or larger.

KRCS*

Wired room temperature sensor for Sky Air and VRV



- Accurate temperature measurement, thanks to flexible placement of the sensor
- Specific model code for each indoor unit can be found in the option tables

Specifications

Dimensions (HxW)	mm	60x50
Weight	g	300
Length of branch wiring	m	12

Adapter PCBs

Simple solutions for unique requirements Concept and benefits

• Low cost option to satisfy simple control requirements

Deployed on single or multiple units			Connectable to:		
			Split	Sky Air	VRV
	(E)KRP1B* adapter for wiring	 Facilitates integration of auxiliary heating apparatus, humidifiers, fans, damper Powered by and installed at the indoor unit 		•	•
6	KRP2A*/KRP4A* Wiring adapter for electrical appendices	 Remotely start and stop up to 16 indoor units (1 group) (KRP4A* via F1 F2) Remotely start and stop up to 128 indoor units (64 groups) (KRP2A* via P1 P2) Alarm indication/ fire shut down Remote temperature setpoint adjustment Cannot be used in combination with a central controller 		•	•
	SB.KRP58M2	 Low noise and demand control option for RZAG-N* and RZASG-M* series. Obligatory mounted plate EKMKSA2 needs to be ordered separately 		•	
TERRITA	KRP58M51	 Low noise and demand control option for RZA-D series. Includes obligatory mounted plate EKMKSA3 Obligatory mounting plate EKMKSA3 needs to be ordered separately 		•	
	DTA104A* Outdoor Unit External Control Adapter	 Individual or simultaneous control of VRV system operating mode Demand control of individual or multiple systems Low noise option for individual or multiple systems 			•
	DCS302A52-9 Jnification adapter for computerized control	 Enables unified display (operation/malfunction) and unified control (ON/OFF) from BMS system Must be used together with Intelligent Touch Controller or intelligent Touch Manager Cannot be combined with KRP2/4* Can be used for all VRV indoor models 			•
	KRP928* Interface adapter for DIII-net	Allows integration of split units to Daikin central controls	•		
	KRP980* Adapter for split units without an S21 port	 Connect a wired remote control Connect to Daikin central controls Allow external contact 	•		
0	KRP413* Viring adapter normal open contact / normal open pulse contact	Switch off auto restart after power failure Indication of operation mode / error Remotely start / stop Remotely change operation mode Remotely change fan speed	•		
		o the antion lists for more information			

Some adapters require an installation box, refer to the option lists for more information

Accessories

		External ON/OFF or forced off
EKRORO	0	Example: door or window contact
EKRORO 3		External ON/OFF or forced off F1/F2 contact
	#	Example: door or window contact
KRC19-26A	PDAMEN D	Mechanical cool/heat selector Allows switching over an entire system between cooling/heating/fan only
KKC19-26A		Connects to the A/B/C terminals of the unit
BRP2A81	E88508(A)	Cool/heat selector PCB
DRPZAGI	STELES.	Required to connect KRC19-26A to a VRV IV outdoor unit



CO₂ VRV The low GWP solution

	1 01 (10110				
_	DVVNLDLCO	\/D\/ haat numan			

• RXYN-B | CO₂ VRV heat pump

FXFN-B | CO₂ VRV Round Flow cassette
 FXSN-B | CO₂ VRV Concealed ceiling unit

NEW NEW 110 111

NEW

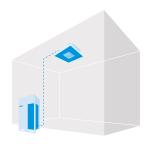
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Benefits of CO₂

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

Benefits of CO₂ VRV

- Enabling you to tackle projects requesting so-called "natural" refrigerants
- Maximise your BREEAM / LEED refrigerant score, thanks to the low GWP of 1
 - BREEAM V7: 3 of 3 credits in Pollution 01
 - LEED V5: 2 of 2 points in Enhanced Refrigerant Management
- Incorporates all typical VRV benefits
 - Quick and easy to design and install
 - Precise zone control with quick response to changing load
 - Connectable to Daikin's latest controllers such as Daikin Cloud Plus







CO₂ VRV outdoor unit overview





Capacity class (HP)

Model			10
Cooling Co	apacity		28.0
Heating C	apacity		31.5
Air-cooled heat pump COo2 NLA	 The low GWP solution Using so-called natural refrigerant CO₂ Low GWP of 1 Non-flammable (A1) refrigerant 	RXYN-B	•

CO₂ VRV indoor unit overview

Capacity class

Type	Model	Product name	40	50	63	80
Ceiling mounted cassette	360° air discharge for optimum efficiency and comfort - Auto cleaning function ensures high efficiency - Intelligent sensors save energy and maximise comfort cassette - Flexibility to suit every room layout - Widest choice ever in decoration panel designs and colors	FXFN-B	•	•	•	•
Concealed	Concealed Slimmest yet most powerfull medium static pressure unit on the market ceiling unit with medium external static pressure up to 120Pa facilitates using flexible due of varying lengths Automatic air flow adjustment function measures the air volume and stap pressure and adjusts it towards the nominal air flow, guaranteeing comfo	ts FXSN-B	•	•	•	•
Coolir	ng capacity (kW)¹		4.5	5.6	7.1	9.0
Heatir	ng capacity (kW)²		5.0	6.3	8.0	10.0

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







CO₂ VRV

The low GWP solution

- Using the so-called natural refrigerant CO₂ (R-744)
- With a low GWP of 1, CO₂ is one of the most sustainable refrigerants
- Non-flammable (A1) refrigerant, simplifying system design
- Incorporates all typical VRV benefits: quick and easy to design and install, precise zone control with quick response to changing load



Access all technical data here:



RXYN-B

				IV	(I I I - D
Outdoor uni	t	RX	YN-B	10B	
Capacity rang	je		HP	10	
Cooling capacity	Prated,c		kW	28.0	
Heating	Prated, h		kW	28.0	
capacity	Max.		kW	31.5	
Recommende	ed combination			4x FXFN63B	
ηs,c			%	189.2	
ηs,h			%	137.1	
SEER				4.8	
SCOP				3.5	
Maximum nu connectable				8	
Indoor index	connection	Min.		125	
		Max.		325	
Dimensions	HxWxD		mm	1,680×1,930×765	
Weight			kg	564	
Sound power	Cooling		dB(A)	83.5	
level	Heating		dB(A)	83.5	
Sound pressure level	Cooling		dB(A)	61	
Operation	Cooling	Min °C	°CDB	-5~43	
range	Heating	Max °C	°CWB	-20~15.5	
Refrigerant	Type/GWP			R744/1	
	Charge	tCO2eq/kg	kg	0	
Piping	Liquid OD		mm	9.52	
connections	Gas OD		mm	15.9	
		Sys. actual	m	300	
Power supply	Phase/Freq./ V	oltage	Hz/V	3N~/50/380~415	
Current - 50Hz	Max. fuse amp	s (MFA)	Α	40	



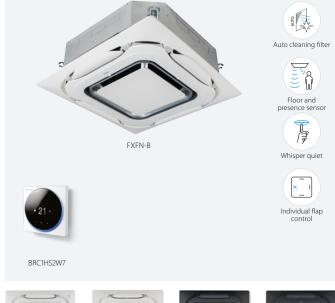


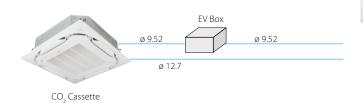


Round flow cassette

360° air discharge for optimum efficiency and comfort

- Optimised design for CO₂ refrigerant (R-744)
- Optional automatic filter cleaning panel results in higher efficiency & comfort and lower maintenance costs
- Two optional intelligent sensors improve energy efficiency and comfort
- Widest choice ever in decoration panels: designer panels in white (RAL9010) and black (RAL9005) and standard panels in white (RAL9010) with grey louvers or full white
- Bigger flaps and unique swing pattern improve equal air distribution
- Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- Optional fresh air intake
- Standard drain pump with 675mm lift increases flexibility and installation speed





Wired remote control



BRC1H52W7/S7/K7

Access all technical data here:



Indoor Unit			FXFN	40B	50B	63B	80B					
Cooling capacity	Total capacity	At high fan speed	kW	4.5	5.6	7.1	9					
Heating capacity	Total capacity	At high fan speed	kW	5	6.3	8	10					
Power input - 50Hz	Cooling	At high fan speed	kW	0.019	0.036	0.067	0.118					
	Heating	At high fan speed	kW	0.019	0.036	0.067	0.118					
Dimensions	Unit	HeightxWidthxDepth	mm		246x840x840		288x840x840					
Weight	Unit		kg	26 29								
Casing	Material				Galvanised steel plate							
Decoration panel	Model			Auto clean	ing panels: BYCQ140E2GF	rs / BYCQ140E2W1W - full wh W1 - white / BYCQ140E2GFV - white / BYCQ140E2PB - bl	V1B - black					
	Dimensions	HeightxWidthxDepth	mm	Standard panels: 65x95	60x950 / Auto cleaning par	nels: 148x950x950 / Design	er panels: 106x950x950					
	Weight		kg	Standard	l panels: 5.5 / Auto cleanin	g panels: 10.3 / Designer pa	nels: 6.5					
Fan	Air flow	Cooling - at high fan speed	m³/min	15.5	21	26.8	35.5					
	rate - 50Hz	Heating - at high fan speed	m³/min	15.5	21	26.8	35.5					
Air filter	Type				Resi	nnet						
Sound power level	Cooling	At high fan speed	dBA	53	57	62	66					
Sound pressure	Cooling	At high fan speed	dBA	35	39	44	48					
level	Heating	At high fan speed	dBA	36	40	45	49					
Refrigerant	Type/GWI	P			R-74	4/1						
Piping connections	Liquid	OD	mm		9.	52						
	Gas	OD	mm		12	2.7						
	Drain				VP20 (I.D. 20/O.D. 26),	drain height 675 mm						
Power supply	Phase/Fre	equency/Voltage	Hz/V		1~/50/60/2	20-240/220						
Current - 50Hz	Maximum	n fuse amps (MFA)	Α		(5						
Control systems	Infrared re	emote control		BF	RC7FA532F / BRC7FB532F /	BRC7FA532FB / BRC7FB532I	-B					
						Marcaura						

Specifications		BEV2N-A	BEV2N112A7V1B
Power supply			1~, 50/60Hz, 220~240/220V
Dimension	Height	mm	207
	Wide	mm	388
	Depth	mm	326
Mass	Unit	kg	12 (Tentative)
Refrigerant Type			R744 (CO ₂)
Piping connections Liquid	Туре		Brazing
	OD	mm	ø 9.52



Concealed ceiling unit with medium ESP

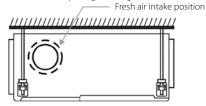
Slimmest yet most powerful medium static pressure unit on the market

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

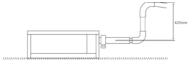


- Medium external static pressure up to 120Pa facilitates using flexible ducts of varying lengths
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Discretely concealed in the wall: only the suction and discharge grilles are visible
- Optional fresh air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

Fresh air intake opening in casing



- * Brings in up to 10% of fresh air into the room
- Standard built-in drain pump with 625mm lift increases flexibility and installation speed





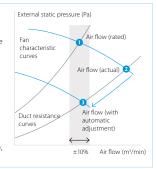
Automatic Airflow Adjustment function

Automatically selects the most appropriate fan curve to achieve the units' nominal air flow within ±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 data here:





Indoor Unit			FXSN	40B	50B	63B	80B			
Cooling capacity	Total capacity	y At high fan speed	kW	4.5	5.6	7.1	9			
Heating capacity	Total capacit	y At high fan speed	kW	5	6.3	8	10			
Power input - 50Hz	Cooling	At high fan speed	kW	0.128	0.165	0.148	0.279			
	Heating	At high fan speed	kW	0.128	0.179	0.16	0.313			
Dimensions	Unit	HeightxWidthxDepth	mm	245x1,0	00x800	245x1,4	00x800			
Weight	Unit		kg	4	0	5	0			
Casing	Material				Galvanised	steel plate				
Fan	Air flow	Cooling - at high fan speed	m³/min	23	25	29.4	37.6			
	rate - 50Hz	Heating - at high fan speed	m³/min	23	23 27 31.9					
	External static pressure - 50H	Factory set / High	Pa		30/120		40/120			
Air filter	Туре				Resi	n net				
Sound power level	Cooling	At high fan speed	dBA	61	63	61	66			
Sound pressure	Cooling	At high fan speed	dBA	39	41	39	44			
level	Heating	At high fan speed	dBA	41	44	44	48			
Refrigerant	Type/GW	Р			R-74	4/1				
Piping connections	Liquid	OD	mm		9.	52				
	Gas	OD	mm		12	2.7				
	Drain			VP20 (I.D. 20/O.D. 26), drain height 625 mm						
Power supply	Phase/Fre	equency/Voltage	Hz/V		1~/50/60/2	20-240/220				
Current - 50Hz	Maximun	n fuse amps (MFA)	Α		1	6				
Control systems	Infrared r	emote control			BRC	4C65				
	Wired rer	note control			BRC1H52	W7/S7/K7				





Supporting a circular economy of refrigerants



Towards a circular economy of refrigerants

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

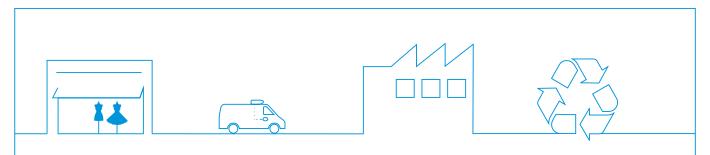
- Saves over 400,000 kg of virgin refrigerant being produced every year
- Greatly reduces the CO₂ footprint of refrigerant production by 72%!

For units produced and sold in Europe

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

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





Recover

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

Reclaim

The refrigerant is reclaimed in Europe, meaning regenerated in a **high-quality** way, in line with F-gas regulation definition.

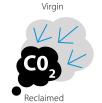
Reuse

The reclaimed refrigerant is mixed with virgin refrigerant. The refrigerant's quality is **certified** by an independent laboratory. It meets

AHRI 700 certified standards.



400,000kgs/year



72% lower CO₂ fooprint for production



Replacement technology

Replace existing systems in the most cost-effective way

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

No disturbance of daily operations

- Reuse of existing pipework results in fast installation
- Plan phases for minimal disruption
- Replace any VRF system

Lower installation costs

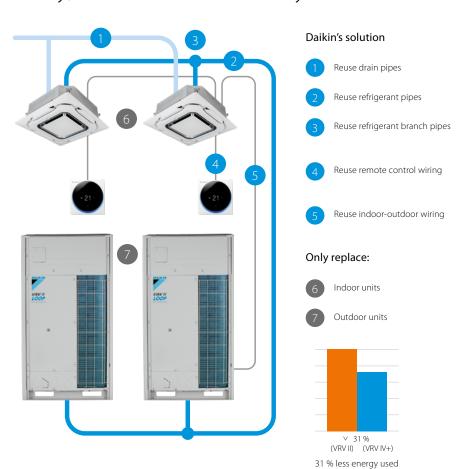
- Shorter installation time
- Use of existing piping and wiring
- Reuse of materials

Lower investment and reduced running

- CAPEX: Lower initial investment
- OPEX: Lower energy consumption and maintenance costs
- Keep your business running seamlessly

Higher property value

- Higher property value
- Improved facilities
 - Subsidies
 - Certifications (BREEAM, LEED and WELL)





Umeda Central Building, Osaka, Japan.

Replacement with VRV Q-series in 2006–2009. Capacity up from 1,620 to 2,322 HP while keeping the energy consumption the same!

VRV-Q benefits to increase your profit: Optimise your business

Watch our online seminar on replacement VRV now!



Less installation time

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

Lower installation costs

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

Replace non-Daikin systems

NON DAIKIN DAIKIN

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

	VRV-Q, keeping indoor units	VRV-Q, replacing indoor units	Completely new installation with VRV 5
Remove outdoor unit	21 %	21 %	21 %
Install new outdoor unit	14 %	14 %	14 %
Clean cooling circuit and leak test	14 %	14 %	14 %
Remove indoor units	-	8 %	8 %
Remove refrigerant pipes and other tasks	-	_	8 %
Install new refrigerant pipes	-	_	14 %
Install new indoor units and other tasks	_	21 %	21 %
Total installation time	49 %	78 %	100 %

Technology insight – Pipe cleaning and automatic refrigerant charging

Pipe cleaning and automatic refrigerant charging ensures a trouble-free operation.

Thanks to the pipe cleaning, possible contamination in the pipes is collected ensuring a trouble-free operation as with a completely new system.

The automatic charging ensures the correct amount of refrigerant is charged, so knowledge of the exact piping layout is not needed!



- Measure and charge refrigerant
- Test operation





Replacement VRV, heat recovery

Quick & quality replacement existing systems

- Cost effective and fast replacement as only the outdoor and indoor unit needs to be replaced, meaning almost no work has to be carried out inside the building
- Less intrusive and time consuming installation compared to installing a new system, as the refrigerant piping can be maintained
- Unique automatic refrigerant charge eliminates the need to calculate refrigerant volume and allows safe replacement of competitor replacement
- Automatic cleaning of refrigerant piping ensures a clean piping network, even when a compressor breakdown has occurred
- Possibility to add indoor units and increase capacity without changing the refrigerant piping
- Possibility to spread the various stages of replacement thanks to the modular design of the VRV system





11.2/23.4

22.5

Outdoor unit Syst	em		RQCEQ	280P3	460P3	500P3	540P3	712P3	744P3	816P3	
System	Outdoor u	ınit module 1			RQEQ140P3		RQEQ180P3	RQEC	0140P3	RQEQ180P3	
Capacity range Cooling capacity Preserved Programment	Outdoor u	ınit module 2		RQEQ	140P3		RQEC	(180P3		RQEQ212P3	
	Outdoor u	ınit module 3		-		RQEC)180P3		RQEQ	212P3	
	Outdoor u	ınit module 4				-					
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 co	Recommended combination			4 x FXMQ63P7VEB	4 x FXMQ63P7VEB + 2 x FXMQ80P7VEB	4 x FXSQ32A2VEB + 8 x FXSQ40A2VEB	12 x FXSQ40A2VEB		4 x FXSQ32A2VEB + 6 x FXSQ40A2VEB + 6 x FXSQ50A2VEB		
ηs,c			%	200	191	201	198	19	94	204	
ηs,h			%	159	161	150	148	153	15	55	
Maximum number	of connect	able indoor units		21	34	39	43	52	56	60	
Indoor index	Min.			140	230	250	270	356	372	408	
onnection No	Nom.			280	50	00	540	712	744	816	
	Max.			364	598	650	702	926	967.0	1,061	
Piping connection	s Liquid	OD	mm	9.52	12.7		15.9		19	9.1	
	Gas	OD	mm	22.2		28	3.6		34	1.9	
	Total piping length	System Actual	m				300				
Power supply	Phase/Fre	quency/Voltage	Hz/V				3~/50/400				
Current - 50Hz	Maximum	fuse amps (MFA)	Α	30	50	6	50	8	30	90	
Outdoor unit mod	dule		RQEQ-P3		140P3		180P3		212P3	3	
Dimensions	Unit	HeightxWidthxDepth	mm				1,680x635x765				
Weight	Unit		kg			175			179		
Fan	Air flow rate	Cooling Nom.	m³/min		95			110			
	Туре						Propeller fan				
Sound power level	Cooling	Nom.	dBA		79		83		87		
	Heating	According to ENER LOT21	dBA		79			84			
Sound pressure leve	l Cooling	Nom.	dBA				-				
Operation range	Cooling	Min.~Max.	°CDB				-5~43				
	Heating	Min.~Max.	°CWB				-20~15.5				

10.3/21.5

15

kg/TCO2Eq

Hz/V

Α

R-410A/2,087.5

10.6/22.1

3~/50/380-415

20

Contains fluorinated greenhouse gases

Type/GWP

Phase/Frequency/Voltage

Maximum fuse amps (MFA)

Charge

Refrigerant

Power supply

Current - 50Hz





18U

Replacement VRV, heat pump



12U



Outdoor unit



RQYQ-P

•											
Capacity range			HP	5	8	10	12	14	16	18	20
Cooling capacity	Prated,c		kW	14.0	22.4	28.0	33.5	40.0	45.0	50.4	52.0
Heating capacity	Prated,h		kW	16.0	22.4	28.0	33.5	40.0	45.0	50.4	56.0
	Max.	6°CWB	kW	-	25.0	31.5	37.5	45.0	50.0	56.5	63.0
Recommended cor	nbination			4 x FXSQ32A2VEB	BVEB	4 x FXFQ63BVEB	6 x FXFQ50BVEB	1xFXFQ50BVEB+ 5xFXFQ63BVEB		3 x FXFQ50BVEB + 5 x FXFQ63BVEB	
ηs,c			%	194	302.4	267.6	247.8	250.7	236.5	238.3	233.7
ηs,h			%	137	167.9	168.2	161.4	155.4	157.8	163.1	156.6
SEER				-	7.6	6.8	6	.3	6	5.0	5.9
SCOP				-	4	l.3	4.1	4	.0	4.2	4.0
Maximum number	of connec	table indoor units		10				64			
Indoor index	Min.			62.5	100.0	125.0	150.0	175.0	200.0	225.0	250.0
connection	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		1,685x930x76	5		1,685x1,	240x765	
Weight	Unit		kg	175		198		2	75	30	08
Fan	Air flow rate	e Cooling Nom.	m³/min	95				-			
Sound power level	Cooling	Nom.	dBA	79	78.0	79.1	83.4	80.9	85.6	83.8	87.9
	Heating	Prated,h - According to ENER LOT21	dBA	79	79.6	80.9	83.5	83.1	86.5	85.3	89.8
Sound pressure level	l Cooling	Nom.	dBA	-	5	7.0	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/GW	'P					R-410A	/2,087.5			
	Charge		kg/TCO2Eq	11.1/23.2	5.9/12.3	6.0/12.5	6.3/13.2	10.3/21.5	11.3/23.6	11.7/24.4	11.8/24.6
Piping connections	Liquid	OD	mm		9.52			12.7		15	5.9
	Gas	OD	mm	15.9	19.1	22.2			28.6		
	Total piping length	g System Actual	m	300				300			
Power supply	Phase/Fre	equency/Voltage	Hz/V	3~/50/380-415			3	N~/50/380-4	15		
Current - 50Hz	Maximur	n fuse amps (MFA)	Α	15	20	25	3	2	4	10	50
Outdoor unit Syst	om		RXVOO	2211 2	2611	2811	3011 33	3411	3611	3811 401	11 4211

RXYQQ RQYQ140P

Current - 50Hz	Maximur	mum fuse amps (MFA) A 15 20 25 32						32	32			40			
Outdoor unit Sys	tem			RXYQQ	22U	24U	26U	28U	30U	32U	34U	36U	38U	40U	42U
System	Outdoor	unit modu	ile 1		RXYQQ10U	RXYQQ8U		RXYQQ12L	J	1	RXYQQ16I	U	RXYQQ8U	RXYQQ8U RXYQQ10U	
•	Outdoor	unit modu	le 2		RXYQQ12U	RXYQQ16U	RXYQQ14U	RXYQQ16U	RXYQQ18U	RXYQQ16U	RXYQQ18U	RXYQQ20U	RXYQQ10U	RXYQQ12U	RXYQQ16U
	Outdoor	unit modu	le 3						-				RXYQQ20U	RXYQQ16U	
Capacity range				HP	22	24	26	28	30	32	34	36	38	40	42
Cooling capacity	Prated,c			kW	61.5	67.4	73.5	78.5	83.9	90.0	95.4	97.0	102.4	111.9	118.0
Heating capacity	Prated,h			kW	61.5	67.4	73.5	78.5	83.9	90.0	95.4	101.0	106.4	111.9	118.0
	Max.	6°CWB		kW	69.0	75.0	82.5	87.5	94.0	100.0	106.5	113.0	119.5	125.5	131.5
Recommended co	mbination				6xFXFQ50BVEB+ 4xFXFQ63BVEB	4xFXFQ50BVEB+ 4xFXFQ63BVEB+ 2xFXFQ80BVEB		6 x FXFQ50BVEB + 4 x FXFQ63BVEB + 2 x FXFQ80BVEB	9 x FXFQ50BVEB + 5 x FXFQ63BVEB	8 x FXFQ63BVEB + 4 x FXFQ80BVEB	3 x FXFQ50BVEB + 9 x FXFQ63BVEB + 2 x FXFQ80BVEB	10 x FXFQ63BVEB+			12 x FXFQ63BVEB + 4 x FXFQ80BVEB
ηs,c				%	274.5	269.9	264.2	257.8	256.8	251.7	253.3	250.8	272.4	263.5	261.2
ηs,h				%	171.2	167.0	164.6	166.0	169.8	163.1	166.2	162.4	167.5	170.0	165.5
SEER					6.9	6.8	6.7	6	.5	6	.4	6.3	6.9	6.7	6.6
SCOP					4.4	4.3	4.2 4.3 4.2			.2	4.1	1 4.3 4.2			
Maximum number	of connec	table indo	or units		64										
Indoor index	Min.				275.0	300.0	325.0	350.0	375.0	400.0	425.0	450.0	475.0	500.0	525.0
connection	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 connection	s Liquid	OD		mm	15	5.9					19.1				
	Gas	OD		mm	28.6			34	1.9				4	1.3	
	Total piping length	System	Actual	m						300					
Power supply	Phase/Fr	equency/V	oltage	Hz/V					3N	~/50/380-	415				
Current - 50Hz	Maximur	n fuse amp	s (MFA)	Α		ϵ	53			8	0		100		
(1) A -+	f														

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

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



Water-cooled series

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

Components:



Outdoor unit



Indoor unit



Refrigerant piping



(Geothermal) water loop

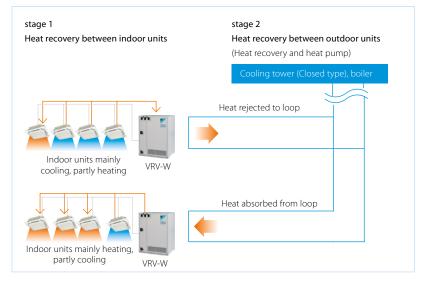


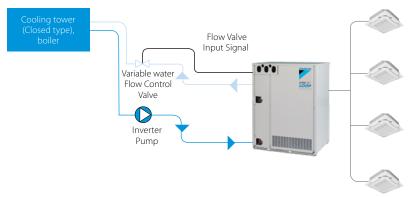
High efficiency

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

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

2-stage heat recovery





Flexible to design

- No need for ventilation or cooling the technical room thanks to the zero heat dissipation
- Seamless integration in the surrounding architecture as you cannot see the unit
- Highly suited for sound sensitive areas as there is no external operation sound

Zero heat dissipation principle

- No need for ventilation or cooling of the technical room



Easy to install and service

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

Horizontal or vertical piping connection

Minimal technical room space required



Easy access to components

Easy front plate removal











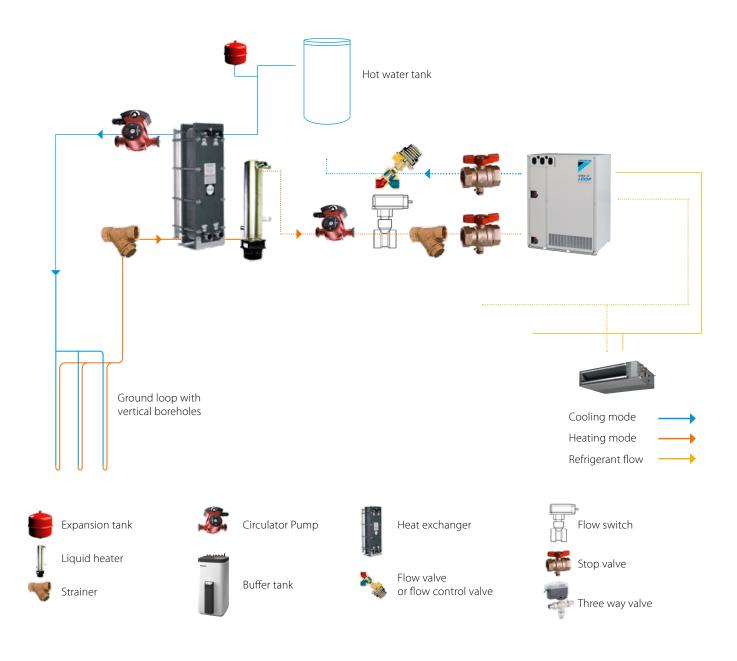
Application example Geothermal operation

Benefits of this setup

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

When to use?

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







VRV IV+ water-cooled series

Ideal for high rise buildings, using water as heat source



Connectable stylish indoor units

RWEYQ-T9

RWEYQ

		20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS	60 CLASS	71 CLASS
Daikin Emura - Wall mounted unit	FTXJ-A9	•	•	•	•	•		
Stylish - Wall mounted unit	FTXA-CW/B/S	•	•	•	•	•		
Perfera wall mounted	FTXM-A	•	•	•	•	•	•*	•*
Perfera floor standing	C/FVXM-A9	•	•	•		•		

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

Outdoor unit



Outubbi unit				NWEIQ		013				1017			121:	,			417	
Capacity range				HP		8				10			12				14	
Cooling capacity	Prated,c			kW		22.4	ŀ			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 co	mbination				4 x	FXMQ5	OP7VEB		4 x FXN	/Q63P7	VEB	6 x	FXMQ5	0P7VEB	1x F)	(MQ50P7VE	B + 5 x FXM	1Q63P7VEB
ηs,c				%		326.	8			307.8			359.0)		3	330.7	
ηs,h				%		524.	3		-	465.9			436.)			397.1	
SEER						8.4				7.9			9.2				8.5	
SCOP						13.3				11.8			11.1				10.1	
Maximum number	of connect	table indo	or units								64	l(1)						
Indoor index	Min.					100.0	0			125.0		Ì	150.0)			175.0	
connection	Max.				İ	300.				375.0			450.				525.0	
Dimensions	Unit	Heightx	WidthxDepth	mm			-				980x7	57x560		-				
Weight	Unit			kg	İ			195							197			
Sound power level		Nom.		dBA		65.0)			71.0			72.0				74.0	
Sound pressure leve		Nom.		dBA		48.0				50.0			56.0				58.0	
Operation range	Inlet water	Cooling	Min.~Max.	°CDB		10.0	,			30.0	10.	~45	50.0				70.0	
operation range	temperature			°CWB								~45						
		Min.~Ma		°CDB								40						
	around casing		a	CDD							0	40						
	Humidity	Cooling	~ Mav	%							80,	~80						
	around casing		Mux.	70							00	00						
Refrigerant	Type/GWI										R-410 Δ	/2,087.5						
nemgerant	Charge			kg/TCO2Eq				7.9/16.5			11 410/1	2,007.5			9.6/20.0	,		
Piping connection		OD		mm				9.52	,						12.7	<u> </u>		
riping connection	Gas	OD		mm		19.1		9.52		22.2					28.6			
	HP/LP gas			mm		15.9/1			10	1.1/22.2			19.1/28	2.6	20.0	22	.2/28.6	
	Drain	Size		111111		13.5/1	9.1		15		mm OD	/100000		5.0		22.	2/20.0	
	Water	Inlet/Outl	at Cina						- 1		G1 1/4 B			D				
									- 1.	3U 220-			5-GI 1/4	D				
	Total piping length	system	Actual	m							50	00						
Power supply	Phase/Fre	auency/	Voltage	Hz/V							3N~/50	/380-41	5					
Current - 50Hz	Maximum			Α				20			5.1 ,50,	500			25			
			p = ()															
Outdoor unit syst				RWEYQ		18T9	20T9		24T9		28T9		32T9		36T9		40T9	42T9
System	Outdoor				RWE			YQ10T		YQ12T	RWEYQ14T		WEYQ10			WEYQ12		RWEYQ141
	Outdoor				RWEYQ8T	RWE	YQ10T	RWE	YQ12T	RWE	YQ14T		YQ10T		WEYQ12			YQ14T
	Outdoor	unit mod	ule 3					-				RWEYQ10T		WEYQ12			WEYQ14	
Capacity range				HP	16	18	20	22	24	26	28	30	32	34	36	38	40	42
Cooling capacity	Prated,c			kW	44.8	50.4	56.0	61.5	67.0	73.5	80.0	84.0	89.5	95.0	100.5	107.0	113.5	120.0
Heating capacity	Prated,h			kW	50.0	56.5	62.5	69.0	75.0	82.5	90.0	94.5	100.5	106.5	112.5	120.0	127.5	135.0
	Max.	6°CWB		kW	50.0	56.5	62.5	69.0	75.0	82.5	90.0	94.5	100.5	106.5	112.5	120.0	127.5	135.0
Recommended co	mbination				4 x	4 x	8 x	6 x	12 x	7 x	2 x	12 x	6 x	12 x	18 x	13 x	8 x	3 x
						FXMQ50					FXMQ50						FXMQ50	
					P7VEB +	P7VEB+	P7VEB	P7VEB+	P7VEB	P7VEB+	P7VEB+	P7VEB	P7VEB+	P7VEB+	P7VEB	P7VEB+	P7VEB+	P7VEB+
					2 x	4 x		4 x		5 x	10 x		8 x	4 x		5 x	10 x	15 x
						FXMQ63		FXMQ63	;		FXMQ63		FXMQ63				FXMQ63	
					P7VEB	P7VEB		P7VEB		P7VEB	P7VEB		P7VEB	P7VEB		P7VEB	P7VEB	P7VEB
ηs,c				%	307.6	308.7	298.1	311.3	342.6		306.1	308.3		342.5	352.3	338.8	341.4	332.9
ηs,h				%	459.2	491.1	466.8	447.9	434.5	406.9	387.9	467.2	456.1	447.0	438.5	419.4	404.4	391.2
SEER					7.	9	7.7	8.0	8.8	8.3	7.9	7.9	8.2	8.8	9.0	8	.7	8.5
SCOP					11.7	12.5	11.9	11.4	11.1	10.4	9.9	11.9	11.6	11.4	11.2	10.7	10.3	10.0
Maximum number	of connect	table indo	or units					64(1)							64(1)			
Indoor index	Min.				200.0	225.0	250.0	275.0	300.0	325.0	350.0	375.0	400.0	425.0	450.0	475.0	500.0	525.0
connection	Max.				600.0	675.0	750.0	825.0	900.0	975.0	1,050.0	1,125.0	1,200.0	1,275.0	1,350.0	1,425.0	1,500.0	1,575.0
Piping connection		OD		mm	12.7			5.9			9.1				19.1			
. 5	Gas	OD		mm		28	3.6			34.9			34.9			41	.3	
	HP/LP gas			mm	22.2	/28.6		/28.6		28.6/34.	9	28.6/34.9			28.6/41.3 41.3/34.9		9	
	Total piping		Actual	m				500				_			500			
	length	.,		500														
Power supply	Phase/Fre			Hz/V					3N~/50/380-415									
Current - 50Hz	Maximum	n fuse am	ps (MFA)	Α	32 35 40			10	50 50				6	63 80				

⁽¹⁾ Actual number of connectable indoor units depends on the indoor unit type (VRV indoor, Hydrobox, RA indoor, etc.) and the connection ratio restriction for the system (50% <= CR <= 130%) | Cooling capacity: indoor temp. 27°CDB, 19°CWB; outdoor temp. 25°CDB; equivalent piping length: 7.5m; level difference: 0m | Heating capacity: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m | Contains fluorinated greenhouse gases
* EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland



RXYLQ-T

Cold climate series

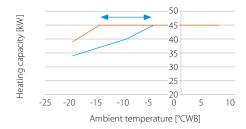


Efficient heating down to -25°C

High heating capacity at low ambient temperatures

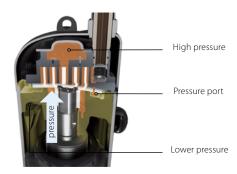
• Stable heating capacity available down to -15°C WB!





High partial load efficiency

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



High reliability down to -25°C WB

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







RXYLQ14T

VRV IV+ heat pump, optimised for heating

Where heating is priority without compromising on efficiency



RXMLQ8T

HP

Connectable stylish indoor units

		20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS	60 CLASS	71 CLASS
Daikin Emura - Wall mounted unit	FTXJ-A9	•	•	•	•	•		
Stylish - Wall mounted unit	FTXA-CW/B/S	•	•	•	•	•		
Perfera wall mounted	FTXM-A	•	•	•	•	•	•*	•*
Perfera floor standing	C/FVXM-A9	•	•	•		•		

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

Outdoor unit

Capacity range



RXYLQ12T

RXYLQ10T

Capacity range				HP		_				10			12				14	
Cooling capacity	Prated,c			kW		-				28.0			33.5	i			40.0	
Heating capacity	Prated,h			kW		-				28.0			33.5	i			40.0	
3 , ,	Max.	6°CWB		kW		_				31.5			37.5				45.0	
Recommended cor						_			4 x FXN	1Q63P7	VEB	6 x	FXMQ5		1xF	XMQ50P7VE		/1063P7VE
ηs,c				%		_				251.4			274.4				270.1	
ηs,h				%		_				144.3			137.6				137.1	
SEER				,,,		_				6.4			6.9				6.8	
SCOP						_				3.7		3.5						
Maximum number	of connec	table indo	oor units			_							64(1)				
Indoor index	Min.					_				175			210	,			245	
connection	Nom.					_				250			300				350	
	Max.					_				325			390				455	
Dimensions	Unit	Heightx	WidthxDepth	mm	1.6	585x1,24	10x765					1.6	85x1,24					
Weight	Unit	gcx	тистивери.	kg		302						.,,	302					
Fan	External station	r May		Pa		78							502					
	pressure																	
Sound power level		Nom.		dBA		75.0				77.0					81.0			
Sound pressure leve		Nom.		dBA		55.0				56.0					59.0			
Operation range	Cooling	Min.~Ma		°CDB		-5~4							-5~4					
	Heating	Min.~Ma	ax.	°CWB		-25~							-25~1					
Refrigerant	Type/GW	Р			R	-410A/2						R	-410A/2	,				
	Charge			kg/TCO2Eq		11.8/2	4.6						11.8/24	1.6				
Piping connections	Liquid	OD		mm		-				9.52					12.7			
	Gas	OD		mm		-			22.2				28.6					
	Total piping length	System و	Actual	m		-							500					
Power supply		equency/	Voltage	Hz/V	31	N~/50/3	80-415					3N	I~/50/3	80-415				
Current - 50Hz		n fuse am		Α		20				25					32			
Outdoor unit syst	em			RXYLQ	16T	18T	20T	22T	24T	26T	28T	30T	32T	34T	36T	38T	40T	42T
System	Outdoor	unit mod	ule 1		RXMLQ8T	F	XYLQ10	T	RXY	_Q12T	RXYLQ14T	R	XYLQ10	T	F	XXYLQ12	T	RXYLQ14
	Outdoor	unit mod	ule 2		RXM	LQ8T	RXYLQ10T	RXY	LQ12T	RXYI	_Q14T	RXYL	.Q10T	F	XYLQ12	2T	RXYL	LQ14T
	Outdoor	unit mod	ule 3					-				RXYLQ10T	R	XYLQ12	2T	R	XYLQ14	1T
Capacity range				HP	16	18	20	22	24	26	28	30	32	34	36	38	40	42
Cooling capacity	Prated,c			kW	44.8	50.4	56.0	61.5	67.0	73.5	80.0	84.0	89.5	95.0	100.5	107.0	113.5	120.0
Heating capacity	Prated,h			kW	44.8	50.4	56.0	61.5	67.0	73.5	80.0	84.0	89.5	95.0	100.5	107.0	113.5	120.0
	Max.	6°CWB		kW	50.0	56.5	63.0	69.0	75.0	82.5	90.0	94.5	100.5	106.5	112.5	120.0	127.5	135.0
Recommended cor	nbination				4 x FXMQ63	3 x FXMQ50	2 x FXMQ50	6 x FXMQ50		7x FXMQ50	6 x FXMQ50	9 x FXMQ50	8 x FXMQ63	3 x FXMQ50	2 x FXMQ50			
					P7VEB+	P7VEB+	P7VEB+	P7VEB+	P7VEB+	P7VEB+5x	P7VEB+	P7VEB+	P7VEB+	P7VEB+	P7VEB+	P7VEB+	P7VEB+	P7VEB+
					2 x FXMQ80	5 x FXMQ63	6 x FXMQ63	4 x FXMQ63		FXMQ63	4 x FXMQ63	5 x FXMQ63	4x FXMQ80	9 x FXMQ63		10 x FXMQ63		
					P7VEB	P7VEB	P7VEB	P7VEB	P7VEB+	P7VEB	P7VEB+ 2xFXMO80	P7VEB	P7VEB	P7VEB+ 2xFXMO80	P7VEB + 2 x FXMO80	P7VEB	P7VEB	P7VEB
									2 x FXMQ80 P7VEB		P7VEB			P7VEB	P7VEB			
ns c				%	261.8	255.7	251.4	263.0		270.8		251.4	259.1	266.8	274.4	271.6	270.3	270.1
ηs,c ηs,h					138.0	140.5	144.3	140.3	137.6		7.1	144.3	141.6	139.2	137.6	2/ 1.0	137.1	2/0.1
SEER				70	6.6	6.5	6.4	6.6	6.9	_	.8	6.4	6.6	6.7		5.9		5.8
SCOP					3.5	3.6	3.7	3.6	0.9	3.5	.0	3.7		.6			.5	.0
Maximum number	of connoc	tabla inde	a a r unita		3.3	3.0	3./			3.3		3./		.0	6.4(1)		.5	
Indoor index	Min.	table illu	JOI WIIILS		280	315	350	64(1) 385	420	455	490	525	560	595	64(1)	665	700	735
connection	Nom.				400	450	500	550	600		700	750	800	850	900	950		
COMPECTION						585				650 845							1,000	
Dining and a street	Max.	OD.			520	585	650	715	780		910	975	1,040	1,105	1,170	1,235	1,300	1,365
Piping connections		OD		mm	12.7			5.9	1		9.1		240		19.1			
	Gas	OD .	A -41	mm	-		3.6	F00	34.9				34.9		41.3			
	Total piping	system د و	Actual	m				500							500			

(1) Actual number of connectable indoor units depends on the indoor unit type (VRV indoor, Hydrobox, RA indoor, etc.) and the connection ratio restriction for the system (70% <= CR <= 130%) | Cooling capacity: indoor temp. 27°CDB, 19°CWB; outdoor temp. 25°CDB; equivalent piping length: 7.5m; level difference: 0m | Heating capacity: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m | Contains fluorinated greenhouse gases * EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland

60

A 40 45 50

length

Maximum fuse amps (MFA)





SB.RKXYQ-T(8)

Invisible series

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

Unique concept with 5 patents



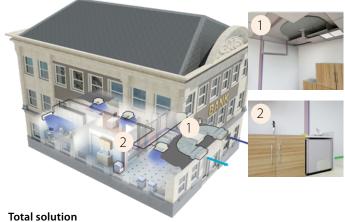
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Invisible





Unique outdoor unit in 2 parts





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

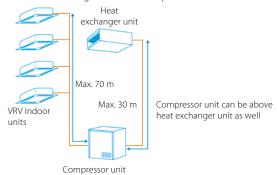


VRV IV 1-series

VRV IV+ heat pump for indoor installation

The invisible VRV

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



- Lightweight units (max. 105kg) can be installed by two people
- Unique V-shape heat exchanger results in compact dimensions (h/e unit only 400mm high) allowing false ceiling installation, while ensuring top efficiency
- Super efficient centrifugal fans (over 50% efficiency increase compared to sirocco fan)
- Small footprint compressor unit (760 x 554 mm) maximising useable floor space







SB.RKXYQ-T

SB.RKXYQ-T8

Outdoor unit sys	tem		SB.R	KXYQ	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 co	mbination				4x FXSQ32A2VEB	4x FXMQ50P7VEB
ηs,c				%	200.1	191.1
ηs,h				%	149.3	140.9
SEER					5.1	4.9
SCOP					3.8	3.6
Maximum numbe	r of connectable indooi	r units			10 (1)	17 (1)
Indoor index	Min.				62.5	100.0
connection	Max.				162.5	260.0
Piping connection	s Between Compressor module (CM)	Liquid	OD	mm	12	2.7
	and heat exchanger module (HM)	Gas	OD	mm	19.1	22.2
	Between Compressor module (CM)	Liquid	OD	mm	9.	52
	and indoor units (IU)	Gas	OD	mm	15.9	19.1
	Total piping length	System	Actual	m	140	300

				Heat exchanger	module - RDXYQ	Compressor m	odule - RKXYQ
Outdoor unit mod	lule			5T8	8T	5T8	8T
Dimensions	Unit	HeightxWidthxDepth	mm	397x1,45	56x1,044	701x600x554	701x760x554
Weight	Unit		kg	95	103	79	105
Sound power level	Cooling	Nom.	dBA	77.0	81.0	60.0	64.0
Sound pressure leve	l Cooling	Nom.	dBA	47.0	54.0	47.0	48.0
Refrigerant	Type/GWP			R-41	0A/-	R-410A	/2,087.5
	Charge		kg/TCO2Eq	-	/-	2.00/4.20	4.00/8.35
Power supply	Phase/Frequency/Vo	ltage	Hz/V	1N~/50/	/220-240	3N~/50	/380-415
Current - 50Hz	Maximum fuse amps	(MFA)	Α	1	0	16	20

(1) Actual number of units depends on the indoor unit type (VRV DX indoor, etc.) and the connection ratio restriction for the system (being; $50\% \le CR \le 130\%$). | Cooling capacity: indoor temp. $27^{\circ}CDB$, $97^{\circ}CDB$, equivalent piping length: 7.5m; level difference: 9m | Heating capacity: indoor temp. $20^{\circ}CDB$; outdoor temp. $27^{\circ}CDB$, $97^{\circ}CDB$, equivalent refrigerant piping: 7.5m; level difference: 9m | Heating capacity: indoor temp. $20^{\circ}CDB$; outdoor temp. $27^{\circ}CDB$, $27^{\circ}CDB$; equivalent refrigerant piping: $27^{\circ}CDB$, $27^{\circ}C$





VRV IV+ heat recovery

Best efficiency & comfort solution







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Outdoor unit			110	REMQ5	U R	EYQ8U	REYQ10U	REYQ12	U RE	YQ14U	REYQ16	_	-	REYQ20U
Capacity range	D . I		HP	-		8	10	12		14	16	18		20
Cooling capacity	Prated,c		kW	-	_	22.4	28.0	33.5		40.0	45.0	50		52.0
Heating capacity	Prated,h	COCIMID	kW	-		22.4	28.0	33.5		40.0	45.0	50		56.0
D	Max.	6°CWB	kW	-	4	25.0	31.5	37.5		45.0	50.0	56.5 VEB+ 3x FXFQ50BVEB+ 2		63.0
Recommended cor	nbination			-	4 X	FXFQ50BVEB	4 x FXFQ63BVEB		5 x F)	(FQ63BVEB	2 x FXFQ80BV	B 5 x FXFQ	63BVEB	6 x FXFQ63BVEE
ηs,c			%	-		286.1	264.8	257.0		255.8	243.1	250		246.7
ηs,h			%	-		165.1	169.7	183.8		168.3	167.5	172		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		able indoor units		-						54(1)				
Indoor index	Min.			-		100.0	125.0	150.0		175.0	200.0	22		250.0
connection	Max.			-		260.0	325.0	390.0		155.0	520.0	58		650.0
Dimensions	Unit	HeightxWidthxDepth		1,685x930	k765	1	,685x930x76	55				x1,240x76		
Weight	Unit		kg	230			230			31	14		317	7
Fan	External station pressure		Pa	78										
Sound power level	Cooling	Nom.	dBA	78.0		78.0	79.1	83.4		80.9	85.6	83		87.9
	Heating	Prated,h	dBA	57.0		79.6	80.9	83.5		83.9	86.9	85	.3	89.8
Sound pressure leve	l Cooling	Nom.	dBA	-		57	.0	61.0		60.0	63.0	62	.0	65.0
Operation range	Cooling	Min.~Max.	°CDB	-5.0~43	.0				-5.	0~43.0				
	Heating	Min.~Max.	°CWB	-20.0~15	5.5					.0~15.5				
Refrigerant	Type/GWI			R-410A/2,0	87.5				R-410	A/2,087.5	5			
	Charge		kg/TCO2Eq	9.7/20.		9.7/20.2	9.8/20.5	9.9/20.7				.8/24.6		
Piping connections		OD	mm	-		9.5	52			12.7			15.9	9
, 5	Gas	OD	mm	-		19.1	22.2				28.6			
	HP/LP gas		mm	-		15.9		19.1			22.2			28.6
	Total piping length		m	-					1	.000				
Power supply		quency/Voltage		3N~/50/380)-415					0/380-41	5			
Current - 50Hz		fuse amps (MFA)	Α	20	,5	20	25		32	0,500		40		50
		. ruse aps (_			
Outdoor unit Syst			REYQ	10U	13U	16U	18U	20U	22U	24U	26U	28U	30U	
System		unit module 1			IQ5U		REYQ8U			REYQ8L		REYQ12U		REYQ16
	Outdoor (unit module 2		REMQ5U		EYQ8U	REYQ10U	REYQ1		REYQ16L				BU REYQ16
Capacity range			HP	10	13	16	18	20	22	24	26	28	30	32
Cooling capacity	Prated,c		kW	28.0	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5	83.9	90.0
Heating capacity	Prated,h		kW	28.0	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5	83.9	90.0
	Max.	6°CWB	kW	32.0	41.0	50.0	56.5	62.5	69.0	75.0	82.5	87.5	94.0	100.0
Recommended cor	nbination			4 x FXFQ63BVEB	3 x FXFQ50BV 3 x FXFQ63B					4 x FXFQ63BVEB	+ 5 x FXFQ63BVEB	4 x FXFQ63BVEB+		
										2xFXFQ80BVEE		2 x FXFQ80BVEB		
ηs,c			%	275.1	301.3			266.0	260.4	257.7	257.5	251.9	266.8	
ηs,h			%	158.8	160.6			175.7	178.5	167.6	175.5	174.8	179.4	
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		able indoor units							64 (1)					
Indoor index	Min.			125.0	163.0	200.0	225.0	250.0	275.0	300.0	325.0	350.0	375.0	400.0
connection	Max.			325.0	423.0	520.0	585.0	650.0	715.0	780.0	845.0	910.0	975.0	1,040.0
Piping connections	Liquid	OD	mm	9.5		12.7		15.9				19	9.1	
	Gas	OD	mm	22.2			28.6					34.9		
	HP/LP gas	OD	mm	19	9.1		22.2				28.6			
	Total piping length		m			500					1.0	00		
Power supply		quency/Voltage	Hz/V					3N~/	50/380-	415	,			
Current - 50Hz		fuse amps (MFA)	A		40		5	0			63			80
		1 . ,												
Outdoor unit Syst			REYQ	34U	360		40U	42U	44U	46U	48U	50U	520	
System		unit module 1			Q16U	REYQ8		210U R	EYQ12U	REYQ14U		REYQ16U		REYQ181
		unit module 2		REYQ18U	REYQ20		YQ12U			REYQ16	J			YQ18U
	Outdoor	unit module 3			-		YQ18U			Q16U			REYQ1	
Capacity range			HP	34	36	38	40	42	44	46	48	50	52	54
Cooling capacity	Prated,c		kW	95.4	97.0			118.0	123.5	130.0	135.0	140.4	145.8	
Heating capacity	Prated,h		kW	95.4	101.0			118.0	123.5	130.0	135.0	140.4	145.8	
	Max.	6°CWB	kW	106.5	113.0		125.5	131.5	137.5	145.0	150.0	156.5	163.0	
Recommended cor	nbination			3 x FXFQ50BVEB + 9 x FXFQ63BVEB +	10 x FXFQ63BV	/EB + 10 x FXFQ63B\			FXFQ63BVEB+		+ 6 x FXFQ80BVEB	13 x FXFQ63BVEB+	14 x FXFQ63B\	
			· · · · · · · · · · · · · · · · · · ·	2xFXFQ80BVEB			250.6		x FXFQ80BVEB	4xFXFQ80BVEB		4xFXFQ80BVEB		
ηs,c			%	259.2	255.3				249.3	246.8	243.1	254.4	265.7	
ηs,h			%	172.0	166.3			167.8	171.9	168.8	168.5	170.3	171.7	
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		able indoor units					1		64(1)					
Indoor index	Min.			425.0	450.0			525.0	550.0	575.0	600.0	625.0	650.0	
connection	Max.			1,105.0	1,170.0	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		OD	mm						19.1					
	Gas	OD	mm	34.9					4	1.3				
	HP/LP gas	OD	mm	28	3.6					34.9				
	Total piping length		m						1,000					
Power supply		quency/Voltage	Hz/V					3N~/	50/380-	415				
Current - 50Hz		fuse amps (MFA)	Α	8	80			100				1	25	

(1) Actual number of connectable indoor units depends on the indoor unit type and the connection ratio restriction for the system (50% ≤ CR ≤ 120%) | Cooling capacity: indoor temp. 2°CDB, 9°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m | Heating capacity: indoor temp. 20°CDB; outdoor temp. 2°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m | Contains fluorinated greenhouse gases * EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland

Individual branch selector for VRV IV heat recovery

- Unique range of single and multi BS boxes for flexible and fast design
- Compact & light to install
- Ideal for remote rooms as no drain piping is needed
- Allows integration of server rooms into the heat recovery solution thanks to technical cooling function
- Connect up to 250 class unit (28kW)



- **UNIQUE** Faster installation thanks to open port connection
- Allows multi tenant applications
- Connectable to REYQ-T, RQCEQ-P3 and RWEYQ-T8 heat recovery units

Indoor Unit				BS1Q	1Q10A	1Q16A	1Q25A				
Power input	Cooling	Nom.		kW		0.005					
•	Heating	Nom.		kW		0.005					
Maximum number	of connect	table indo	oor units		6		8				
Maximum capacity	index of c	onnectab	le indoor units		15 <x≤100< td=""><td>100<x≤160< td=""><td>160<x≤250< td=""></x≤250<></td></x≤160<></td></x≤100<>	100 <x≤160< td=""><td>160<x≤250< td=""></x≤250<></td></x≤160<>	160 <x≤250< td=""></x≤250<>				
Dimensions	Unit	Heightx	WidthxDepth	mm		207x388x326					
Weight	Unit			kg		12	15				
Casing	Material			Galvanised steel plate							
Piping connections	oing connections Outdoor Liquid OD			mm	9.52						
	unit	Gas	OD	mm	1!	5.9	22.2				
		Discharge o	as OD	mm	1:	2.7	19.1				
	Indoor	Liquid	OD	mm		9.52					
	unit	Gas	OD	mm	1!	5.9	22.2				
Sound absorbing th	nermal insi	ulation			Foame	d polyurethane Flame-resistant ne	edle felt				
Power supply	r supply Phase/Frequency/Voltage					1~/50/220-240					
	Maximun	n fuse am	ps (MFA)	Α		15					

Contains fluorinated greenhouse gases

BS-Q14AV1B

Multi branch selector for VRV IV heat recovery

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



- **UNIQUE** Refrigerant filters for high reliability
- Allows multi tenant applications
- Connectable to REYQ-T, RQCEQ-P3 and RWEYQ-T8 heat recovery units

Indoor Unit				BS	4Q14AV1B	6Q14AV1B	8Q14AV1B	10Q14AV1B	12Q14AV1B	16Q14AV1B				
Maximum number	of connect	table indo	or units		20	30	40	50	60	64				
Maximum capacity	index of c	onnectab	le indoor units		400	600		750						
Dimensions	Unit	Heightx\	WidthxDepth	mm	298x370x430	298x5	80x430	298x8	20x430	298x1,060x430				
Weight	Unit			kg	17.0	24.0	26.0	35.0	38.0	50.0				
Casing	Material						Galvanised	steel plate						
Piping connections Outdoor Liquid		Liquid	OD	mm	9.52	12.7 12.7/15.9 15		15.9	15.9/19.1	19.1				
	unit	Gas	OD	mm	22.2/19.1	28.6/22.2 28.6 28.6/34.9			/34.9	34.9				
		Discharge g	as OD	mm	19.1/15.9	19.1/22.2	19.1/22.2/28.6		28.6					
	Indoor	Liquid	OD	mm			6.35	/9.52						
	unit	Gas	OD	mm			12.7	/15.9						
Sound absorbing th	ound absorbing thermal insulation						Urethane foam, p	olyethylene foan	n					
Power supply	Power supply Phase/Frequency/Voltage Hz			Hz/V	1~/50/220-240									
,	Maximum fuse amps (MFA)					A 15								





VRV IV+ heat pump

Daikin's optimum solution with top comfort









			RYYQ-U	RXYC)-U				RYYC	Q8-12U							
				011×		v 2511V	RYM		40119	!!v	0111	40119		YQ/RX		40112	
Outdoor unit				8U*	10U	* 12U*	14U	* 16U°	18U*	20U*	8U*	10U*	12U*	14U*		18U*	
Capacity range			HP				-				8	10	12	14	16	18	20
Cooling capacity	Prated,c		kW				-				22.4	28.0	33.5	40.0	45.0	50.4	52.0
Heating capacity	Prated,h		kW				-				22.4	28.0	33.5	40.0	45.0	50.4	56.
. ,	Max.	6°CWB	kW				-				25.0	31.5	37.5	45.0	50.0	56.5	63.0
Recommended cor	mbination						-				4xFXFQ50BVEB	4xFXFQ638VEB	6 x FXFQ50BVEB	1xFXFOSOBVEB	+ 4xFXFQ63BVEB+	3 x FXFOSOBVEB +	2xFXF050E
															B 2xFXFQ80BVEB	5xFXF063BVEB	
25.6			%								302.4	267.6	247.8	250.7		238.3	
ηs,c																	
ηs,h			%				-				167.9	168.2	161.4		157.8		
SEER							-				7.6	6.8		5.3		.0	5.9
SCOP							-				4	l.3	4.1	4	4.0	4.2	4.0
Maximum number	of connect	able indoor units					-							64(1)			
ndoor index	Min.						-				100.0	125.0	150.0	175.0	200.0	225.0	250
connection	Max.						-				260.0	325.0	390.0	455.0	520.0	585.0	650
Dimensions	Unit	HeightxWidthxDep	th mm	168	35×93	0x765		1685x	1,240x765			85x930x			1,685x1,		
Weight	Unit	rieigiiexviiaeiixe ep	kg			J: 198/	RYM		/ RYMQ-I	I: 308/		XYO-U:1		RXVC	Q-U: 275		-U: 308
weight	Offic		Ng			5: 204			3 RYMQ-I			Q-U5/UI			J5/UD: 281		
					VIQ-U	3.204	IN I IVIC	2-03.20	3 KTIVIQ-C	JJ. JZU							
											ŀ	RYYQ: 25)2	-	(Q: 319	RYY	Q: 378
Fan	External static pressure		Pa				78							-			
Sound power level	Cooling	Nom.	dBA	78.0	79.1	l 83.4	80.9	85.6	83.8	87.9	78.0	79.1	83.4	80.9	85.6	83.8	87.9
•	Heating	Prated,h	dBA				-				79.6	80.9	83.5	83.1	86.5	85.3	89.
Sound pressure leve		Nom.	dBA	57.0	57.0	61.0	60.0	63.0	62.0	65.0		7.0	61.0	60.0		62.0	
Operation range	Cooling	Min.~Max.	°CDB	57.0	57.0		5.0~4		52.0	05.0				-5.0~43		02.0	
operation range							3.0~4 20.0~1							-3.0~43 -20.0~15			
D-6-:	Heating	Min.~Max.	°CWB	-							-						
Refrigerant	Type/GW	r	1 mac:-	E 0 ''= '			10A/2		c 44 m/c : 1		E 0 /	< 0 '		110A/2,0		44 7/2	44 - 1-
	Charge		kg/ICO2Eq	5.9/12.3	6.0/12	2.5 6.3/13.2	10.3/21	.5 11.3/23	b [11.//24.4]	11.8/24.6	5.9/12.3	6.0/12.5	6.3/13.2	10.3/21.5		11.//24.4	11.8/2
															11.3/23.6		
															RYYQ:		
															10.4/21.7		
Piping connections	Liquid	OD	mm	9	52		12.7		15.	9	9	.52		12.7		14	5.9
	Gas	OD	mm	19.1	22.2	2	,	28.6			19.1				28.6		-
	Equalising pipe		mm	19.1	22.2		2.2	20.0	28.	6	17.1	22.2			20.0		
				19.1					20.	.0				1,000			
	Total piping length		m			211	- (5.0						211	1,000			
Power supply		quency/Voltage	Hz/V					30-415						-/50/38			
Current - 50Hz	Maximun	n fuse amps (MFA)	A	20	25	32	32	40	40	50	20	25	3	32	4	0	50
Outdoor unit syst	am		RYYQ/RXYQ	22U	*	24U*	2	5U*	28U*	30	11*	32U*	3.	4U*	36U*		38U*
		unit module 1	NIIQ/NAIQ	10		8		00		30	0	320			300		
System							-		12					16			8
		unit module 2		12		16		14	16	1	8	16		18	20		10
	Outdoor	unit module 3								-							20
Capacity range			HP	22		24		26	28	3	0	32		34	36		38
Cooling capacity	Prated,c		kW	61.5	5	67.4	7	3.5	78.5	83	3.9	90.0	9	95.4	97.0		102.4
Heating capacity	Prated,h		kW	61.5	5	67.4	7	3.5	78.5	83	3.9	90.0	C	95.4	101.0		106.4
	Max.	6°CWB	kW	69.0		75.0		2.5	87.5		1.0	100.0		06.5	113.0		119.5
Recommended cor		O CVVD	KVV			x FXFQ50BVEB +											
necommended cor	пыпацып																
				4 X F A F Q 0.		x FXFQ63BVEB+			x FXFQ63BVEB		SOODAED .	4 X FAFQOUD			10 x FXFQ63B		FXFQ63BV
						2 x FXFQ80BVEB			2 x FXFQ80BVEB					-	2 x FXFQ80B		
ηs,c			%	274.		269.9		54.2	257.8		6.8	251.7		53.3	250.8		272.4
ηs,h			%	171.2	2	167.0	16	54.6	166.0	169	9.8	163.1	16	66.2	162.4		167.5
SEER				6.9		6.8		6.7		5.5			6.4		6.3		6.9
SCOP				4.4		4.3		4.2)	4	.3		4.2		4.1		4.3
Maximum number	of connoc	able indeer units		7.7		7.5		7.2	_	64			7.2		7.1		7.5
Maximum number Indoor index	Min.	מטוכ ווועטטו עווונא		275.	n	300.0	2.	25.0	350.0	37		400.0		25.0	450.0		475.0
connection	Max.			715.0		780.0	8	45.0	910.0	97	5.0	1,040.0	1,1 ו	105.0	1,170.0	ı 1,	,235.0
Piping connections	Liquid	OD	mm		15.9	9						19.1					
	Gas	OD	mm	28.6	5				3	4.9						41.3	
	Total piping length	System Actual	m							1,0	00						
Power supply		equency/Voltage	Hz/V						3		380-41	5					
Current - 50Hz		n fuse amps (MFA)	Α			6	63			1			80				100
Outdoor unit syst			RYYQ/RXYQ	401		42U*		44U*		U*	48	U*	50U*		52U*		4U*
System		unit module 1				10		12		4			16				18
	Outdoor	unit module 2		12					1	6						18	
	Outdoor	unit module 3		18					16						18		
Capacity range			HP	40		42		44		16	48	8	50		52		54
Cooling capacity	Prated,c		kW			118.0	-	123.5		0.0	135		140.4	-	145.8		51.2
Heating capacity							-										
neating capacity	Prated,h	COCIMID	kW			118.0	_	123.5		0.0	135		140.4		145.8		51.2
	Max.	6°CWB	kW			131.5		137.5		5.0	150		156.5		163.0		69.5
Recommended cor	mbination					12 x FXFQ63AV											
				9 x FXFQ	53AVEB	4 x FXFQ80A			EB + 13 x FXFQ		6 x FXFQ	80AVEB 13	x FXFQ63A	VEB + 14 x	FXFQ63AVE	+ 15 x FX	FQ63AV
									VEB 4 x FXF0						FXFQ80AVE		
ηs,c			%	263	.5	261.2		255.9		4.9	251		252.8		253.7		254.1
ηs,h						165.5		164.5		2.0	162		165.2		167.2		69.4
			70				-		10	0	102				10/.2		JJ.T
SEER				6.7		6.6	4 **	6.5	-		1	-	6.4			4.3	
SCOP				4.3	3		4.2			4			4.2			4.3	
Maximum number		able indoor units								64							
Indoor index	Min.			500	0.0	525.0		550.0	57	5.0	600	0.0	625.0	j	650.0	6	75.0
connection	Max.			1,30		1,365.0		1,430.0		95.0	1,56		1,625.0		1,690.0		755.0
Piping connections		OD	mm	.,55		.,,505.0		., .50.0	, ., .,	19			.,023.		,	,,,	
i ipinig connections	Gas	OD															
			mm	-													
	Total piping length		m								00	_					
Power supply		quency/Voltage	Hz/V						3	IN~/50/	380-41	5					
Current - 50Hz	Maximun	n fuse amps (MFA)	A				100							125			
Actual number of conn	octable indee	units dangeds on the inde	or unit type (VRV indoor	Hudroboy	DA ind	loor atc) and	tho co	onoction r	ntio roctrictio	n for tho	cuctom (5)	00% CP	<= 12004)	I Coolin	a capacity	indoor	tom

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

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

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



VRV IV+ S-series compact heat pump

The most compact VRV

Only 823mm high!





	RXYSCQ-T

Outdoor unit			RXYSCQ	4TV1	5TV1	6TV1
Capacity range			HP	4	5	6
Cooling capacity	Prated,c		kW	12.1	14.0	15.5
Heating capacity	Prated,h		kW	12.1	14.0	15.5
	Max.	6°CWB	kW	14.2	16.0	18.0
Recommended con	nbination			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	2	1.7
Maximum number	of connect	able indoor units			64(1)	
Indoor index	Min.			50.0	62.5	70.0
connection	Max.			130.0	162.5	182.0
Dimensions	Unit	HeightxWidthxDepth	mm		823x940x460	
Weight	Unit		kg		89	
Sound power level	Cooling	Nom.	dBA	68.0	69.0	70.0
	Heating	Prated,h	dBA	69.0	70.0	71.0
Sound pressure level	Cooling	Nom.	dBA	51.0	52.0	53.0
Operation range	Cooling	Min.~Max.	°CDB		-5.0~46.0	
	Heating	Min.~Max.	°CWB		-20.0~15.5	
Refrigerant	Type/GW	P			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/Fre	equency/Voltage	Hz/V		1~/50/220-240	
Current - 50Hz	Maximun	n fuse amps (MFA)	Α		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% \leq CR \leq 130%). | Cooling capacity: indoor temp. 27°CDB, °CWB, outdoor temp. 35°CDB; equivalent piping length: 7.5m, level difference: 0m | Heating capacity: indoor temp. 20°CDB, outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m | Contains fluorinated greenhouse gases VRV IV S-series

RXYSQ-TV9/TY9/TY1

VRV IV+ S-series heat pump

Space saving solution without compromising on efficiency



and sold in Europe*







RXYSQ-TV9





Outdoor unit			RXYSQ	4TV9	5TV9	6TV9	4TY9	5TY9	6TY9	8TY1	10TY1	12TY1
Capacity range			HP	4	5	6	4	5	6	8	10	12
Cooling capacity	Prated,c		kW	12.1	14.0	15.5	12.1	14.0	15.5	22.4	28.0	33.5
Heating capacity	Prated,h		kW	12.1	14.0	15.5	12.1	14.0	15.5	22.4	28.0	33.5
	Max.	6°CWB	kW	14.2	16.0	18.0	14.2	16.0	18.0	25.0	31.5	37.5
Recommended cor	nbination			3 x FXSQ25A2VEB+	4 x FXSQ32A2VEB	2 x FXSA32A2VEB+	3 x FXSQ25A2VEB +	4 x FXSQ32A2VEB	2 x FXSQ32A2VEB +	4 x FXMQ50P7VEB	4 x FXMQ63P7VEB	6 x FXMQ50P7VEB
				1x FXSQ32A2VEB		2 x FXSA40A2VEB	1 x FXSQ32A2VEB		2 x FXSQ40A2VEB			
ης,ς			%	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 connec	table indoor units						64(1)				
Indoor index	Min.			50.0	62.5	70.0	50.0	62.5	70.0	100.0	125.0	150.0
connection	Max.			130.0	162.5	182.0	130.0	162.5	182.0	260.0	325.0	390.0
Dimensions	Unit	HeightxWidthxDepth	mm			1,345x9	00x320			1,430x940x320	1,615x9	40x460
Weight	Unit		kg			10)4			144	175	180
Sound power level	Cooling	Nom.	dBA	68.0	69.0	70.0	68.0	69.0	70.0	73.0	74.0	76.0
	Heating	Prated,h	dBA	68.0	69.0	70.0	68.0	69.0	70.0	73.0	74.0	76.0
Sound pressure level	l Cooling	Nom.	dBA	50.0	51	.0	50.0	51	1.0	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/GW	P					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						22.2	25.4	
	Total piping lengtl	System Actual	m	300								
Power supply	Phase/Fre	equency/Voltage	Hz/V	11	N~/50/220-24	40			3N~/50	/380-415		
Current - 50Hz	Maximun	n fuse amps (MFA)	A 32 16 25							5	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% \leq CR \leq 130%). I Cooling capacity: indoor temp. 27°CDB. 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m | Heating capacity: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m | Contains fluorinated greenhouse gases

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

Products overview **JRV IV**

Capacity class (kW)

Type	Model		roduct name	15	20	25	32	40	50	63	71	80	100	125	140	200	250
	UNIQUE Round flow cassette	360° air discharge for optimum efficiency and comfort Auto cleaning function ensures high efficiency Intelligent sensors save energy and maximise comfort Flexibility to suit every room layout Lowest installation height in the market!	FXFQ-B		•	•	•	•	•	•		•	•	•		Sti	UV reame kit
Ceiling mounted cassette	UNIQUE Fully flat cassette	Unique design that integrates fully flat into the ceiling Perfect integration in standard architectural ceiling tiles Blend of iconic design and engineering excellence Intelligent sensors save energy and maximise comfort Small capacity unit developed for small or well-insulated rooms Flexibility to suit every room layout	FXZQ-A	•	•	•	•	•	•								
Ceiling mo	2-way blow ceiling mounted cassette	Thin, lightweight design installs easily in narrow ceiling spaces Depth of all units is 620mm, ideal for narrow ceiling spaces Flexibility to suit every room layout Reduced energy consumption thanks to DC fan motor The flaps close entirely when the unit is not operating Optimum comfort with automatic air flow adjustment to the required load	FXCQ-A		•	•	•	•	•	•		•		•			
	NEW 1-way blow cassette		FXKQ-A		NEW	•	•	•	NEW								railable nmer '2
	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	•	•	•	•	•	•	•		cle	anin	ito ng fil tion	ter		ti zoni option
Concealed ceiling	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	•	•	•	•	•	•	•		•	•	•	•		ti zoni ption
Conc	Concealed ceiling unit with high ESP	ESP up to 200, ideal for large sized spaces Optimum comfort guaranteed no matter the length of ductwork or type of grilles, thanks to automatic air flow adjustment Reduced energy consumption thanks to DC fan motor Flexible installation as the air suction direction can be altered from rear to bottom suction	FXMQ-P7						•	•		•	•	•			
	Concealed ceiling unit with high ESP	ESP up to 250, ideal for extra large sized spaces Only grilles are visible Large capacity unit: up to 31.5 kW heating capacity	FXMQ-A													•	•
Wall	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	•	•	•	•	•	•	•							
papuadsns	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				•			•			•				
Ceiling su	4-way blow ceiling suspended unit	Unique Daikin unit for high rooms with no false ceilings nor free floor space Rooms with ceilings up to 3.5m can be heated up or cooled down very easily! Can easily be installed in both new and refurbishment projects Intelligent sensors save energy and maximise comfort Flexibility to suit every room layout Reduced energy consumption thanks to DC fan motor	FXUQ-A								•		•				
Floor standing	Floor standing unit	For perimeter zone air conditioning Can be installed in front of glass walls or free standing as both the front and the back are finished Ideal for installation beneath a window Requires very little installation space Wall mounted installation facilitates cleaning beneath the unit	FXLQ-P		•	•	•	•	•	•							
Floor st	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		•	•	•	•	•	•							
Cool	ing capacity (k	cW)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
	ing capacity (l		1	1	1										18.0		

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







Round flow cassette

360° air discharge for optimum efficiency and comfort



Indoor Unit			FXFQ	20B	25B	32B	40B	50B	63B	80B	100B	125B
Cooling capacity	Total capacity	At high fan speed	kW	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00
Heating capacity	Total capacity	At high fan speed	kW	2.50	3.20	4.00	5.00	6.30	8.00	10.00	12.50	16.00
Power input - 50Hz	Cooling	At high fan speed	kW		0.017		0.018	0.023	0.028	0.045	0.071	0.103
	Heating	At high fan speed	kW		0.017		0.018	0.023	0.028	0.045	0.071	0.103
Dimensions	Unit	HeightxWidthxDepth	mm			204x8	40x840			246x84	10x840	288x840x840
Weight	Unit		kg		18		19		21	2	4	26
Casing	Material						Galva	anised steel	plate			
Decoration panel	Model			Standard					BYCQ140EW			EB - black
					Aut				hite / BYCQ			
									te / BYCQ140			
		HeightxWidthxDepth	mm	Standard					48x950x950			x950x950
	Weight		kg						els: 10.3 / De			
Fan	Air flow		fan speed m³/min		12.8/10.7/8.9)						31.6/26.0/19.8
	rate - 50Hz	Heating Athigh/medium/low	fan speed m³/min		12.8/10.7/8.9)	14.8/12.6/10.4	15.1/12.9/10.7	16.6/13.4/10.7	22.5/18.5/13.0	27.8/20.4/13.0	30.3/24.9/18.9
Air filter	Type							Resin net				
Sound power level	Cooling	At high fan speed	dBA		49.0		5	1.0	53.0	55.0	60.0	61.0
Sound pressure	Cooling	At high / medium / low fan		3	31.0/29.0/28.	.0	33.0/3	1.0/29.0	35.0/33.0/30.0	38.0/34.0/30.0	43.0/37.0/30.0	45.0/41.0/36.0
level	Heating	At high / medium / low fan	speed dBA	3	31.0/29.0/28.	.0	33.0/3	1.0/29.0	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/GW						F	R-410A/2,087	7.5			
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/Fre	quency/Voltage	Hz/V				1~/50	0/60/220-24	0/220			
Current - 50Hz		r fuse amps (MFA)	A					16				
Control systems		emote control							A532FB / BF			
	Wired ren	note control			BF	RC1H52W7/S	7/K7 / BRC1E	53A / BRC1E	53B / BRC1E	53C / BRC1D)52	

Contains fluorinated greenhouse gases

FXZQ-A

Fully flat cassette

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



Indoor Unit				FXZQ	15A	20A	25A	32A	40A	50A
Cooling capacity	Total capacity	At high fa	an speed	kW	1.70	2.20	2.80	3.60	4.50	5.60
Heating capacity	Total capacity	At high fa	an speed	kW	1.90	2.50	3.20	4.00	5.00	6.30
Power input - 50Hz	Cooling	At high fa	an speed	kW	0.0	018	0.020	0.019	0.029	0.048
	Heating	At high fa		kW	0.0	018	0.020	0.019	0.029	0.048
Dimensions	Unit	HeightxV	VidthxDepth	mm			260x5	75x575		
Weight	Unit			kg		15.5		16	5.5	18.5
Casing	Material						Galvanised			
Decoration panel	Model / C	olour					BYFQ60C2W1V	/ / White (N9.5)		
		HeightxV	VidthxDepth	mm			46x62			
	Weight			kg			2	.8		
Decoration panel 2							BYFQ60C2			
		: HeightxV	VidthxDepth	mm			46x62			
	Weight			kg			2			
Decoration panel 3							BYFQ60B2W1/V			
		: HeightxV	VidthxDepth	mm				0x700		
	Weight			kg			2			
Decoration panel 4	Model / C						BYFQ60B3W1/			
	Dimensions	HeightxV	VidthxDepth	mm				0x700		
	Weight			kg			2			
Fan	Air flow	Cooling	At high / medium / low fan speed		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
		z Heating	At high / medium / low fan speed	m³/min	8.5/7.0/6.5	8.7/7.5/6.5	9.0/8.0/6.5	10.0/8.5/7.0	11.5/9.5/8.0	14.5/12.5/10.0
Air filter	Туре						Resi			
Sound power level		At high fa		dBA		9	50	51	54	60
Sound pressure	Cooling		nedium / 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
level	Heating		nedium / 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/GW						R-410A			
Piping connections		OD		mm			6.			
	Gas	OD		mm			12			
	Drain						VP20 (I.D. 2			
Power supply	Phase/Fre	equency/V	oltage	Hz/V			1~/50/60/2			
Current - 50Hz		n fuse amp		Α				6		
Control systems		emote cor			BRC7F:		el) / BRC7F530S (gr			panel)
Control systems	Wired ren	note contr	ol			BRC1H52W7/S	7/K7 / BRC1E53A /	BRC1E53B / BRC1E	53C / BRC1D52	
Control systems			OI .			DITCH IDZW//D	// IX/ / DITCILJJA /	DITCIL JJD / DITCIL	JJC / DITCIDJZ	

2-way blow ceiling mounted cassette

FXCQ20_40A

Thin, lightweight design installs easily in narrow corridors

Indoor Unit				FXCQ	20A	25A	32A	40A	50A	63A	80A	125A
Cooling capacity	Total capacity	At high fan	speed	kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	14.0
Heating capacity	Total capacity	At high fan	speed	kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	16.0
Power input - 50Hz	Cooling	At high fan	speed	kW	0.031	0.	039	0.041	0.059	0.063	0.090	0.149
	Heating	At high fan	speed	kW	0.028	0.	035	0.037	0.056	0.060	0.086	0.146
Dimensions	Unit	HeightxWid	lthxDepth	mm		305x7	75x620		305x9	90x620	305x1,4	145x620
Weight	Unit			kg		•	19		22	25	33	38
Casing	Material							Galvanised	steel plate			
Decoration panel	Model					BYBCC	240HW1		BYBCC	63HW1	BYBCQ	125HW1
	Colour							Fresh white	(6.5Y 9.5/0.5)			
	Dimensions	HeightxWid	lthxDepth	mm		55x1,0	70x700		55x1,2	85x700	55x1,7	40x700
	Weight			kg		•	10		1	11		13
Fan	Air flow rate - 50Hz		t high / medium / ow fan speed	m³/min	10.5/9/7.5	11.5/	9.5/8	12/10.5/8.5	15/13/10.5	16/14/11.5	26/22.5/18.5	32/27.5/22.5
Air filter	Type						Re	esin net with i	mold resistar	ice		
Sound power level	Cooling	At high / med	ium / 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	Cooling	At high / med	ium / 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
level	Heating	At high / med	ium / 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/GWI	Р						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/Fre	equency/Volt	age	Hz/V				1~/50/2	220-240			
Current - 50Hz	Maximum	n fuse amps (MFA)	Α				1	6			
Control systems	Infrared re	emote contro	ol					BRC	7C52			
	Wired ren	note control				BRC1	H52W7/S7/K7	/ BRC1E53A /	BRC1E53B / B	RC1E53C / BR	C1D52	

Contains fluorinated greenhouse gases

NEW FXKQ-A

Ceiling mounted corner cassette

1-way blow unit for corner installation



Indoor Unit			FXKQ	20A	25A	32A	40A	50A	63A		
Cooling capacity	Total capacity	At high fan speed	kW	2.2	2.8	3.6	4.5	5.6	7.1		
Heating capacity	Total capacity	At high fan speed	kW	2.5	3.2	4	5	6.3	8		
Power input - 50Hz	Cooling	At high fan speed	kW	0.024	0.024	0.033	0.038	0.055	0.118		
·	Heating	At high fan speed	kW	0.024	0.024	0.033	0.038	0.055	0.118		
Dimensions	Unit	HeightxWidthxDepth	mm		200x840x470			200x1,240x470			
Weight	Unit		kg	17	17	18	23	23	23		
Casing	Material					Galvanised	l steel plate				
Decoration panel	Model				BYK32G		·	BYK63G			
	Dimension	s HeightxWidthxDepth	mm		80x950x550			80x1,350x550			
	Weight		kg								
Fan	Airflow rate	Cooling At high / medium / low fan speed	m³/min	7.1	/6/5	8.5/7.3/6	12.9/11/9.1	15.5/13.2/11	21.5/17/14.1		
Air filter	Туре	·				Resi	n net				
Sound power level	Cooling	At high / medium / low fan speed	dBA	46.0/4	3.5/41.0	50.5/48.5/46.5	52.5/50.0/48.0	57.0/52.5/50.0	61.5/57.0/52.5		
•	Heating	At high / medium / low fan speed	dBA	50.0/4	6.0/41.5	52.5/49.5/47.0	53.0/50.5/48.0	58.0/53.0/50.5	63.5/58.0/53.0		
Sound pressure	Cooling	At high / medium / low fan speed	dBA	32.0/2	7.5/22.5	37.0/34.0/31.5	38.5/34.5/31.5	42.0/38.0/34.5	48.5/43.5/38.5		
level	Heating	At high / medium / low fan speed	dBA	36.0/3	1.0/25.5	39.0/35.5/32.5	39.5/36.0/32.5	44.0/39.5/36.0	49.0/44.0/39.5		
Refrigerant	Type/GW	P				R-32	2/675				
Piping connections	Liquid	OD	mm			6.	35				
	Gas	OD	mm		9.	.52		12	2.7		
	Drain					VP25 (O.D	. 32/I.D. 25)				
Power supply			Hz/V			1~/50/60/2	20-240/220				
Current - 50Hz	11.7				A 6						
Contains fluorinated are		· · · · · · · · · · · · · · · · · · ·									

Slim concealed ceiling unit

Slim design for flexible installation



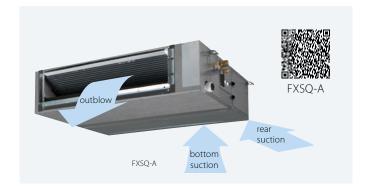
Indoor Unit				FXDQ	15A3	20A3	25A3	32A3	40A3	50A3	63A3
Cooling capacity	Nom.			kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Nom.			kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	At high fa	an speed	kW		0.036		0.041	0.042	0.053	0.062
	Heating	At high fa	an speed	kW		0.036		0.041	0.042	0.053	0.062
Required ceiling vo	id>			mm				240			
Dimensions	Unit	HeightxV	VidthxDepth	mm		200x7	50x620		200x9	50x620	200x1,150x620
Weight	Unit			kg		2	22		2	16	29
Casing	Material							Galvanised ste	el		
Fan	Air flow rate - 50H	Cooling	At high / medium low fan speed	n/ m³/min	7.5/7.0/6.4		8.0/7.2/6.4		10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0
	External static pressure - 50Hz	Factory s	et / High	Pa		10/	30.0			15/44.0	
Air filter	Type						Ren	novable / wash	able		
Sound power level	Cooling	At high fa	an speed	dBA	50		51		52	53	54
Sound pressure level	l Cooling	At high / m	nedium / low fan spe	ed 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/GW	P						R-410A/2,087.5	5		
Piping connections	Liquid	OD		mm			6.	.35			9.52
	Gas	OD		mm			12	2.7			15.9
	Drain						VP	20 (I.D. 20/O.D.	26)		
Power supply	Phase/Fre	equency/V	oltage	Hz/V			1~/	50/60/220-240	/220		
Current - 50Hz	Maximun	n fuse amp	s (MFA)	Α				16			
Control systems	Infrared r	emote con	ntrol				BF	RC4C65 / BRC40	266		
	Wired rer	note contr	ol				BF	RC1D528 / BRC1	E51		

Contains fluorinated greenhouse gases

FXSQ-A

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

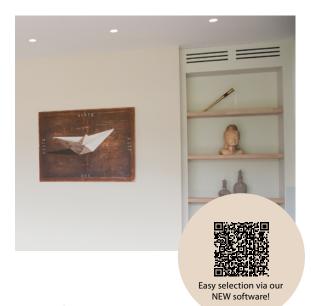


Indoor Unit				FXSQ	15A	20A	25A	32A	40A	50A	63A	80A	100A	125A	140A
Cooling capacity	Total capacity	At high fa	in speed	kW	1.70	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	16.00
Heating capacity	Total capacity	At high fa	in speed	kW	1.90	2.50	3.20	4.00	5.00	6.30	8.00	10.0	12.5	16.0	18.0
Power input - 50Hz	Cooling	At high fa	ın speed	kW		0.041		0.045	0.087	0.089	0.101	0.135	0.173	0.237	0.247
	Heating	At high fa	ın speed	kW		0.041		0.045	0.087	0.089	0.101	0.135	0.173	0.237	0.247
Dimensions	Unit	HeightxV	VidthxDepth	mm		245x5	50x800		245x70	008x00	245x1,0	00x800	245x1,4	00x800	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									nised stee					
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m³/min	8.7/7.50/6.5	9.0/7.	50/6.5	9.5/8.00/7.0	15.0/12.5/11.0	15.2/12.5/11.0	21.0/18.0/15.0	23.0/19.5/16.0	32.0/27.0/23.0	36.0/31.5/26.0	39.0/34.0/28.0
		Heating	At high / medium / low fan speed	m³/min	8.7/7.5/6.5	9.0/7	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 s	et / High	Pa				30/150				40/	150	50/	150
Air filter	Туре									Resin net					
Sound power level	Cooling	At high fa	in speed	dBA		54		55	6	0	59	6	51	6	54
Sound pressure	Cooling	At high / m	edium / low fan speed	dBA	29.5/28.0/25.0	30.0/2	8.0/25.0	26.0/29.0/26.0	35.0/32	2.0/29.0	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
level	Heating	At high / m	edium / low fan speed	dBA	31.5/29.0/26.0	32.0/2	9.0/26.0	33.0/30.0/27.0	37.0/34	1.0/29.0	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/GWI	P							R-	410A/2,08	37.5				
Piping connections	Liquid	OD		mm			6	5.35					9.52		
	Gas	OD		mm			1	2.7					15.9		
	Drain							VP20 (I	.D. 20/O.D). 26), drai	n height 6	525 mm			
Power supply	Phase/Fre	quency/V	oltage	Hz/V					1~/50/	/60/220-2 ₁	40/220				
Current - 50Hz	Maximum	n fuse amp	s (MFA)	Α						16					
Control systems		emote con								BRC4C65					
	Wired ren	note contr	ol					BRC1E5	3A / BRC1	E53B / BR	C1E53C / E	RC1D52			

Multi zoning kit

for concealed ceiling units

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



Benefits

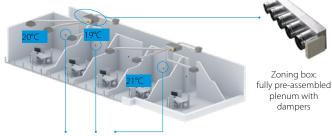
Increased comfort

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

Easy to install

- Automatic air flow adjustment according to the
- 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

Bluezero - Airzone Main Thermostat

Color graphic interface for controlling zones



AZCE6BLUEZEROCB (Wired)

Clarken

Airzone Zone Thermostat

Graphic interface with low-energy e-ink screen for controlling zones



AZCE6THINKRB (Wireless)

Airzone Zone Thermostat

Thermostat with buttons for controlling the temperature



AZCE6LITECB (Wired) AZCE6LITERB (Wireless)

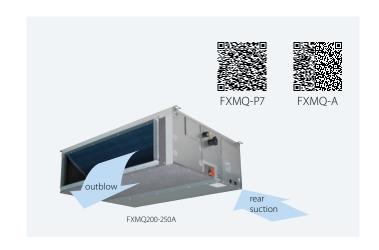
ampatibility

Number of motorised dampers Reference Dimensions Mix Mix Dimensions Dimensions Mix Dimensions Dincorporate Dimensions Dimensions Dimensions Dimensions	8 80	100	0 12	5 140
AZE(Z/R)6DAISTO7XS2 AZE(Z/R)6DAISTO7XS3 AZE(Z/R)6DAISTO7XS4 AZE(Z/R)6DAISTO7XS4 AZE(Z/R)6DAISTO7XS4 AZE(Z/R)6DAISTO7XS5 AZE(Z/R)6DAISTO7XS4 AZE(Z/R)6DAISTO7XS5 AZE(Z/R)6DAISTO7XS5 AZE(Z/R)6DAISTO7XS6 AZE(Z/	•	100	0 12	140
AZE(Z/R)6DAISTO7XS2 AZE(Z/R)6DAISTO7XS3 AZE(Z/R)6DAISTO7XS3 AZE(Z/R)6DAISTO7XS4 AZE(Z/R)6DAISTO7M4 AZE(Z/R)6DAISTO7M5 AZE(Z/R)6DAISTO7M5 AZE(Z/R)6DAISTO7M5 AZE(Z/R)6DAISTO7M5 AZE(Z/R)6DAISTO7M6 AZE	-			\perp
AZE(Z/R)6DAISTO7S2 3 AZE(Z/R)6DAISTO7S3 300 x 930 x 454 AZE(Z/R)6DAISTO7S4 AZE(Z/R)6DAISTO7M4 AZE(Z/R)6DAISTO7M5 300 x 1,425 x 454 AZE(Z/R)6DAISTO7L6 AZE(Z/R)6DAISTO7L6 AZE(Z/R)6DAISTO7L6 AZE(Z/R)6DAISTO7L7 AZE(Z/R)6DAISTO7XL7 AZE(Z/R)6DAISTO7XL7 8 AZE(Z/R)6DAISTO7XL8 AZE(Z/R)6DAISTO7XL8 AZE(Z/R)6DAISTO7XL8 AZEZ(Z/R)6DAISTO7XL8 AZEZ(Z/R)6DAIS	-			F
AZE(Z/R)6DAISTO7X53	-		I	
AZE(Z/R)6DAISTO7X54 AZE(Z/R)6DAISTO7X54 AZE(Z/R)6DAISTO7X55 AZE(Z/R)6DAISTO7M5 AZE(Z/R)6DAISTO7M5 AZE(Z/R)6DAISTO7M5 AZE(Z/R)6DAISTO7M5 AZE(Z/R)6DAISTO7M5 AZE(Z/R)6DAISTO7L6 AZE(Z/R)6DAISTO7L6 AZE(Z/R)6DAISTO7L6 AZE(Z/R)6DAISTO7L7 AZE(Z/R)6DAISTO7L8 AZE(Z/R)6DAISTO7XL8 AZE(Z/R)	-		I	
Standard plenum AZE(Z/R)6DAISTO7M4 AZE(Z/R)6DAISTO7M5 AZE(Z/R)6DAISTO7M5 AZE(Z/R)6DAISTO7M5 AZE(Z/R)6DAISTO7L6 AZE(Z/R)6DAISTO7L6 AZE(Z/R)6DAISTO7L7 AZE(Z/R)6DAISTO7XL7 AZE(Z/R)6DAISTO7XL8 AZE(Z/R)6DAISTO7XL8 AZE(Z/R)6DAISTO7XL8 AZE(Z/R)6DAISTO7XL8 AZEZ6DAISSO7XS2 AZEZ6	-		\neg	
AZE(Z/R)6DAISTO7M4	-			T
AZE(Z/R)6DAISTO7L6 AZE(Z/R)6DAISTO7L6 AZE(Z/R)6DAISTO7L6 AZE(Z/R)6DAISTO7L6 AZE(Z/R)6DAISTO7L6 AZE(Z/R)6DAISTO7L7 AZE(Z/R)6DAISTO7L7 AZE(Z/R)6DAISTO7L8 AZE(Z/R)6DAISTO7XL8 AZE(Z/R)6DAISTO7XL8 AZEZ6DAISSO7XS2 AZEZ6DAISSO7XS	•		Т	
AZE(Z/R)6DAISTO7L5 6 AZE(Z/R)6DAISTO7L6 AZE(Z/R)6DAISTO7L6 7 AZE(Z/R)6DAISTO7L7 8 AZE(Z/R)6DAISTO7XL7 8 AZE(Z/R)6DAISTO7XL8 AZE(Z/R)6DAISTO7XL8 AZE(Z/R)6DAISTO7XL8 AZE(Z/R)6DAISTO7XL8			Т	
6 AZE(Z/R)6DAISTO7L6 7 AZE(Z/R)6DAISTO7L7 8 AZE(Z/R)6DAISTO7XL8 AZE(Z/R)6DAISTO7XL8 AZE(Z/R)6DAISTO7XL8 AZE(Z/R)6DAISTO7XL8 AZEZ6DAIBS07XS2		•	•	
AZE(Z/R)6DAISTO7L6 7	•		Т	
AZE(Z/R)6DAIST07XL7 8		•	•	
AZE(Z/R)6DAIST07XL7 8		•	•	
AZE(Z/R)6DAISTO7XL8 AZE(Z/R)6DAISTO7XL8 AZEZ6DAIBS07XS2			Т	•
AZE(Z/R)6DAIST07XL8 AZEZ6DAIBS07XS2		•	•	
				•
Z A 7575 CD AIDSONGS				
- AZEZ6DAIBS0752				
AZEZ6DAIBS07XS3 250 x 930 x 454				
3 AZEZ6DAIBS07S3 • • • • • • • • • • • • • • • • • • •				
AZEZ6DAIBS07M3	•			
AZEZ6DAIBS07S4				
Medium plenum 4 AZEZ6DAIBS07M4 250 x 1,140 x 454 • • • • • • • • • • • • • • • • • • •	•			
AZEZ6DAIBS07L4 200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		•	•	
AZEZ6DAIBS07S5			Т	
AZEZ6DAIBS07M5 250 x1,425 x 454	•			
AZEZ6DAIBS07L5 250 X 1,423 X 4.54		•	•	•
AZEZ6DAIBSO7XLS				•
AZEZ6DAIBS07M6	•			
6 AZEZ6DAIBS07L6 250 x 1,638 x 454		•	•	
AZEZ6DAIBS07XL6				•
Slim plenum 2 AZE(Z/R)6DAISL01S2 210 x 720 x 444 • • • • • • • • • • • • • • • • •				
3 AZE(Z/R)6DAISI 01S3				
4 AZE(Z/R)6DAISL01M4 210 x 930 x 444 200				
5 AZE(Z/R)6DAISL01L5 210 x 1,140 x 444			\perp	

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

Concealed ceiling unit with high ESP

Ideal for large sized spaces: ESP up to 250 Pa



Indoor Unit				FXMQ	50P7	63P7	80P7	100P7	125P7	200A	250A
Cooling capacity	Total capacity	At high f	an speed	kW			-			22.4	28.0
	Nom.			kW	5.6	7.1	9.0	11.2	14.0	22.4	28.0
Heating capacity	Total capacity	At high f	an speed	kW			-			25.0	31.5
	Nom.			kW	6.3	8.0	10.0	12.5	16.0	25.0	31.5
Power input - 50Hz	Cooling	At high f	an speed	kW	0.110	0.120	0.171	0.176	0.241	0.54	0.65
	Heating	At high f	an speed	kW	0.098	0.108	0.159	0.164	0.229	0.54	0.65
Required ceiling vo	id >			mm			350				-
Dimensions	Unit	Heightx\	WidthxDepth	mm		300x1,000x700		300x1,4	00x700	470x1,49	90x1,100
Weight	Unit			kg		35		4	6	105	115
Fan	Air flow	Cooling	At high/medium/low	fan speed m³/min	18.0/16.5/15.0	19.5/17.8/16.0	25.0/22.5/20.0	32.0/27.5/23.0	39.0/33.5/28.0	62/48/41	74/64/52
	rate - 50Hz	Heating	At high/medium/low	fan speed m³/min	18.0/16.5/15.0	19.5/17.8/16.0	25.0/22.5/20.0	32.0/27.5/23.0	39.0/33.5/28.0	62/48/41	74/64/52
	External static pressure - 50Hz		set / High	Pa			100/200			150/	250
Air filter	Туре						Resin net				-
Sound power level	Cooling	At high/n	nedium/low fan	speed dBA	61.0/-/-	64.0/-/-	67.0/-/-	65.0/-/-	70.0/-/-	75/74/72	76/75/73
	Heating	At high/n	nedium/low fan	speed			-			75/74/72	76/75/73
Sound pressure	Cooling	At high/n	nedium/low fan	speed dBA	41.0/39.0/37.0	42.0/40.0/38.0	43.0/41	.0/39.0	44.0/42.0/40.0	48/46	5.5/45
level	Heating	At high/n	nedium/low fan	speed dBA	41.0/39.0/37.0	42.0/40.0/38.0	43.0/41	.0/39.0	44.0/42.0/40.0	48/46	5.5/45
Refrigerant	Type/GW	Р					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					VP	25 (I.D. 25/O.D.	32)		BS	P1
Power supply	Phase/Fre	quency/\	/oltage	Hz/V		1~/50/6	50/220-240/220	+/-10%		1~/50/2	220-240
Current - 50Hz	Maximun	n fuse am	os (MFA)	Α				6			
Control systems	Infrared r	emote co	ntrol					BRC4C65			
	Wired ren	note cont	rol			BRC1H52	W7/S7/K7 / BRC	1E53A / RRC1E5	3B / BBC1E53C /	PPC1D52	

Contains fluorinated greenhouse gases

FXAQ-A

Wall mounted unit

For rooms with no false ceilings nor free floor space



Indoor Unit				FXAQ	15A	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	y At high fa	an speed	kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Total capacity	At high fa	an speed	kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	At high fa	an speed	kW	0	.02	0.	.03	0.02	0.03	0.05
	Heating	At high fa	an speed	kW		0.03		0.04	0.02	0.04	0.06
Dimensions	Unit	HeightxV	VidthxDepth	mm		290x7	95x266			290x1,050x269	
Weight	Unit			kg		•	12			15	
Fan	Air flow rate - 50Hz	Cooling	At high fan s At low fan s	speed/ m³/min beed	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						W	ashable resin r	net		
Sound power level	Cooling	At high fa	an speed	dBA	51.0	52.0	53.0	5:	5.0	58.0	63.0
Sound pressure level	Cooling	At high fa At low far	an speed/ n 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 fa At low far	an speed/ n 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/GW	Р						R-410A/2,087.5	i		
Piping connections	Liquid	OD		mm			6.	.35			9.52
	Gas	OD		mm			12	2.7			15.9
	Drain						VI	P13 (I.D. 15/O.D.	18)		
Power supply	Phase/Fre	equency/V	oltage	Hz/V				1~/50/220-240			
Current - 50Hz	Maximun	n fuse amp	s (MFA)	Α				16			
Control systems	Infrared r	emote con	ntrol				BRC	7EA628 / BRC7E	A629		
	Wired rer	note contr	ol			BRC1H52	W7/S7/K7 / BRC	1E53A / BRC1E5	3B / BRC1E53C	BRC1D52	

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space



Indoor Unit			FXHQ	32A	63A	100A
Cooling capacity	Total capacity	At high fan speed	kW	3.6	7.1	11.2
Heating capacity	Total capacity	At high fan speed	kW	4.0	8.0	12.5
Power input - 50Hz	Cooling	At high fan speed	kW	0.107	0.111	0.237
	Heating	At high fan speed	kW	0.107	0.111	0.237
Dimensions	Unit	HeightxWidthxDepth	mm	235x960x690	235x1,270x690	235x1,590x690
Weight	Unit		kg	27	35	42
Casing	Material				Resin, sheet metal	
Fan	Air flow rate - 50Hz		ium / m³/min I	14.0/12.0/10.0	20.0/17.0/14.0	29.5/24.0/19.0
		Heating At high / med low fan speed	ium / m³/min	14.0/12.0/10.0	20.0/17.0/14.0	29.5/24.0/19.0
Air filter	Туре				Resin net	
Sound power level	Cooling	At high / medium / low fan	speed dBA	54.0/52.0/49.0	55.0/53.0/52.0	62.0/55.0/52.0
Sound pressure	Cooling	At high / medium / low fan	speed dBA	36.0/34.0/31.0	37.0/35.0/34.0	44.0/37.0/34.0
level	Heating	At high / medium / low fan	speed dBA	36.0/34.0/31.0	37.0/35.0/34.0	44.0/37.0/34.0
Refrigerant	Type/GWI)			R-410A/2,087.5	
Piping connections	Liquid	OD	mm	6.35	9.5	52
	Gas	OD	mm	12.7	15	.9
	Drain				VP20	
Power supply	Phase/Fre	quency/Voltage	Hz/V		1~/50/60/220-240/220	
Current - 50Hz	Maximum	fuse amps (MFA)	Α		16	
Control systems	Infrared re	emote control			BRC7GA53-9 / BRC7GA56	
	Wired ren	note control		BRC1H52W7	7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E	53C / BRC1D52

Contains fluorinated greenhouse gases

FXUQ-A

4-way blow ceiling suspended unit

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



Indoor Unit			FXUQ	71A	100A
Cooling capacity	Total capacity	At high fan speed	kW	8.0	11.2
Heating capacity	Total capacity	At high fan speed	kW	9.0	12.5
Power input - 50Hz	Cooling	At high fan speed	kW	0.090	0.200
	Heating	At high fan speed	kW	0.073	0.179
Dimensions	Unit	HeightxWidthxDepth	mm	198x95	0x950
Weight	Unit		kg	26	27
Casing	Material			Res	sin
Fan	Air flow rate - 50Hz	Cooling At high / medium / r	m³/min	22.5/19.5/16.0	31.0/26.0/21.0
		Heating At high / medium / r low fan speed	m³/min	22.5/19.5/16.0	31.0/26.0/21.0
Air filter	Type			Resin net with r	nold resistance
Sound power level	Cooling	At high / medium / low fan speed	dBA	58/56/54	65/62/58
Sound pressure	Cooling	At high / medium / low fan speed	dBA	40.0/38.0/36.0	47.0/44.0/40.0
level	Heating	At high / medium / low fan speed	dBA	40.0/38.0/36.0	47.0/44.0/40.0
Refrigerant	Type/GWI	?		R-410A	2,087.5
Piping connections	Liquid	OD	mm	9.5	52
	Gas	OD	mm	15	.9
	Drain			I.D. 20/	O.D. 26
Power supply	Phase/Fre	equency/Voltage	Hz/V	1~/50/60/220	-240/220-230
Current - 50Hz	Maximum	n fuse amps (MFA)	Α	10	5
Control systems	Infrared re	emote control		BRC7CB58 /	BRC7CB59
	Wired ren	note control		BRC1H52W7/S7/K7 / BRC1E53A / I	BRC1E53B / BRC1E53C / BRC1D52

Concealed floor standing unit

EXPLATE FXNQ-A

Designed to be concealed in walls

Indoor Unit				FXNQ	20A	25A	32A	40A	50A	63A		
Cooling capacity	Total capacity	At high far	n speed	kW	2.20	2.80	3.60	4.50	5.60	7.10		
Heating capacity	Total capacity	At high far	n speed	kW	2.50	2.50 3.20 4.00			6.30	8.00		
Power input - 50Hz	Cooling	At high far	n speed	kW		0.071		0.078	0.099	0.110		
	Heating	g At high fan speed kW				0.068		0.075	0.107			
Dimensions	Unit	HeightxWi	dthxDepth	mm		620/720x790x200		620/720x	990x200	620/720x1,190x200		
Weight	Unit			kg		23.5		27	7.5	32.0		
Casing	Material						Galvanised	l steel plate				
Fan	Air flow rate - 50Hz		At high / medium / low fan speed	m³/min		8.0/7.20/6.4		10.5/9.50/8.5	12.5/11.0/10.0	16.5/14.5/13.0		
			At high / medium / low fan speed	m³/min		8.0/7.2/6.4		10.5/9.5/8.5 12.5/11.0/10.0		16.5/14.5/13.0		
	External static pressure - 50Hz	Factory se	t / 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 far	n speed	dBA		51		52	53	54		
Sound pressure	Cooling	At high / me	dium / low fan speed		30.0/28.5/27.0		32.0/30.0/28.0	33.0/31.0/29.0	35.0/33.0/32.0			
level	Heating	At high / me	dium / 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/GWF)			R-410A/2,087.5							
Piping connections	Liquid	Liquid OD mm				6.35						
	Gas	OD mm				15.9						
	Drain				VP20 (I.D. 20/O.D. 26)							
Power supply	Phase/Fre	quency/Vo	ltage	Hz/V	1~/50/60/220-240/220							
Current - 50Hz	Maximum	fuse amps	(MFA)	Α	16							
Control systems	Infrared re	emote cont	rol		BRC4C65							
	Wired rem	note contro	l		BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52							

Contains fluorinated greenhouse gases

FXLQ-P

Floor standing unit

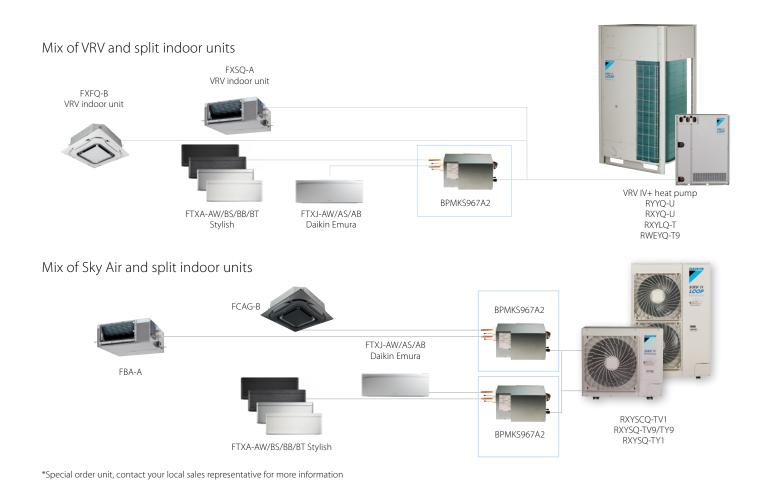
For perimeter zone air conditioning



Indoor Unit			FXLQ	20P	25P	32P	40P	50P	63P			
Cooling capacity	Total capacity	At high fan speed	kW	2.2	2.8	3.6	4.5	5.6	7.1			
Heating capacity	Total capacity	At high fan speed	kW	2.5	3.2	4.0	5.0	6.3	8.0			
Power input - 50Hz	Cooling	At high fan speed	kW	C	.05	0.	09	0).11			
	Heating	At high fan speed	kW	C	.05	0.	09	0).11			
Dimensions	Unit	HeightxWidthxDepth	mm	600x1,	000x232	600x1,1	40x232	600x1,420x232				
Weight	Unit		kg		27	3	32	38				
Fan	Air flow rate - 50H	Cooling At high fan spe z At low fan spe		7,	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/GW	P		R-410A/2,087.5								
Piping connections	Liquid	OD	mm	6.35								
	Gas				12.7 15.							
	Drain			O.D. 21 (Vinyl chloride)								
Power supply	Phase/Frequency/Voltage Hz/V			1~/50/60/220-240/220								
Current - 50Hz	Maximun	n fuse amps (MFA)	Α	15								
Control systems	Infrared r	emote control		BRC4C65								
•	Wired rer	note control		BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52								



VRV heat pumps combined with design indoor units



BPMKS967A

Branch provider

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



Branch provid	er		BPMKS967A2	BPMKS967A2		
Connectable in	door units		1~2	1~3		
Max. indoor uni	it connectable capacity		14.2	20.8		
Max. connectab	ole combination		71+71 60+71+71			
Dimensions Height x Width x Depth mm			180x294x350			
Weight kg			7	8		

Connectable outdoor unit

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

unit portfo	olio for combination restriction	ns											oiiiie.	cable out	.00. 0	
Туре	Model		duct name	15	20	25	35	42	Capac 50	ity class	5 (kW)	RYYQ-U	RXYQ-U	RXYSCQ-TV1³ RXYSQ-TV9³ RXYSQ-TY9/TY1³	RWEYQ-T9⁴	RXYLQ-T
	Round flow cassette (incl. auto-cleaning function1)	FCAG-B					•		•	•	•		UV eamer kit	√		
Ceiling mounted cassette	Fully flat cassette	FFA-A9				•	•		•	•				✓		
Concealed ceiling	Slim concealed ceiling unit	FDXM-F9				•	•		•	•		clear	Auto ing filt ption	er 🗸		
	Concealed ceiling unit with inverter-driven fan	FBA-A(9)					•		•	•	•			✓		
	Daikin Emura Wall mounted unit redoct award 2014 winner	FTXJ- AW9/AS9/AB9			•	•	•	•	•			~	✓	✓	✓	✓
Wall mounted	Stylish Wall mounted unit	FTXA- CW/CS/CB			•	•	•	•	•			~	✓	✓	✓	✓
	Perfera Wall mounted unit	CTXM-A / FTXM-A	- 10	RXYS(C)Q only	•	•	•	•	•	•	•	✓	✓	✓	✓	✓
Ceiling suspended	Ceiling suspended unit	FHA-A(9)					•		•	•	•			✓		
Floor standing	Perfera Floor standing unit	FVXM-B			•	•	•		•			✓	✓	✓	✓	✓
	Concealed floor standing unit	FNA-A9				•	•		•	•				√		

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

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To connect stylish indoor units a BPMKS unit is needed
 A mix of RA indoor units and VRV indoor units is not allowed.

⁴ Only in heat pump operation



Domestic hot water hydroboxes

Outdoor units connecting to hydroboxes

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

Low temperature hot water production

- Air to water connection to VRV for applications such as underfloor, air handling units, low temperature radiators, ...
- Leaving water temperature range from 5°C to 45°C without electric heater
- In combination with VRV IV+ Heat pump and water-cooled unit



High temperature hot water production

- · Air to water connection to VRV for applications such as bathrooms, sinks, underfloor heating, radiators and air handling units
- Leaving water temperature range from 25 to 80°C without electric heater
- "Free" heating and hot water production provided by transferring heat from areas requiring cooling to areas requiring heating or hot water
- Possibility to connect thermal solar collectors to the domestic hot water tank
- In combination with VRV IV+ Heat pump and water-cooled unit



Low temperature hydrobox for VRV

For high efficiency space heating and cooling





Indoor Unit			HXY	080A8	125A8				
Cooling capacity	Nom.		kW	8.0 (1) 12.5 (1)					
Heating capacity	Nom.		kW	9.00 (2) 14.00 (2)					
Casing	Colour			White					
	Material			Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth	mm	890x48	30x344				
Weight	Unit		kg	44	.0				
Operation range	Heating	Ambient Min.~Max.	°C	-20 ~24					
		Water side Min.~Max.	°C	25 ~45					
	Cooling	Ambient Min.~Max.	°CDB	10 ~43					
		Water side Min.~Max.	°C	5 ~20					
Refrigerant	Type			R-410A					
	GWP			2,087.5					
Sound pressure leve	l Nom.		dBA	31					
Refrigerant circuit	Gas side diameter mm			15.9					
	Liquid side diameter mm			9.5					
Water circuit	Piping connections diameter inch			G 1"1/4 (female)					
Power supply	Phase / Frequency / Voltage Hz/V			1~/50/220-240					
Current	Recommended fuses A			6~16					

(1) Tamb 35°C - LWE 18°C (DT=5°C) | (2) DB/WB 7°C/6°C - LWC 35°C (DT=5°C) | Contains fluorinated greenhouse gases

HXHD-A8

High temperature hydrobox for VRV

For efficient hot water production and space heating

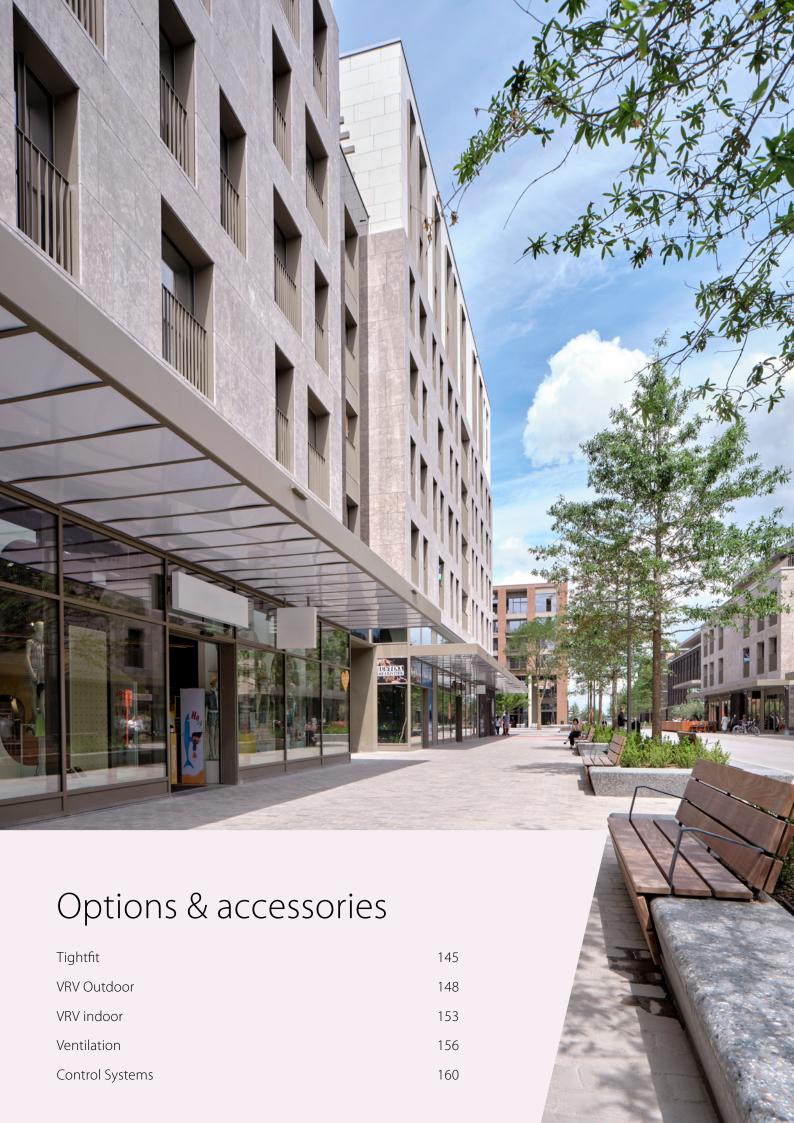


HXHD-A8



Indoor Unit		HXHD	125A8	200A8					
Heating capacity	Nom.	kW	14.0	22.4					
Casing	Colour		Metallic grey						
	Material		Precoated sheet metal						
Dimensions	Unit HeightxWidthxDepth	mm	705x60	0x695					
Weight	Unit	kg	92.0	147					
Operation range	Heating Ambient Min.~Max.	°C	-20.0~20(3)/20						
	Water side Min.~Max.	°C	25~80.0						
	Domestic Ambient Min.~Max.	°CDB	-20.0~43.0						
	hot water Water side Min.~Max.	°C	45~75						
Refrigerant	Type / GWP		R-134a/1,430						
	Charge	kg	2.00	2.60					
Sound power level	Nom.	dBA	55.0(1)	60.0(1)					
Sound pressure	Nom.	dBA	42.0(1)/43.0(2)	46.0(1)/46.0(2)					
level	Night quiet Level 1	dBA	38(1)	45(1)					
	mode								
Water circuit	Piping connections diameter	inch	G 1" (fe	male)					
	Heating Water volume Max. ~ Min. water system	1	200~20	400~20					
Power supply	Phase / Frequency / Voltage	Hz/V	1~ / 50 / 220-240	3~ / 50 / 380-415					
Current	Recommended fuses	Α	20	16					

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

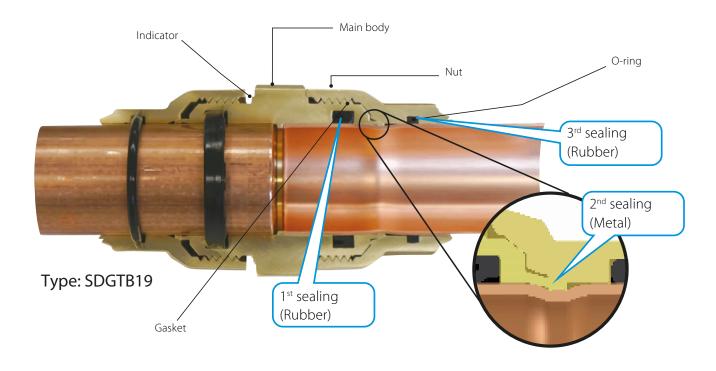


Tightfit

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

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

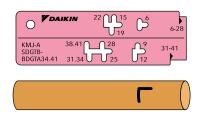
Tightfit Mechanism



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

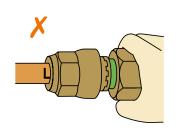


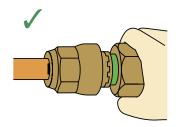
Installation in 4 easy steps



1 Mark the insertion line

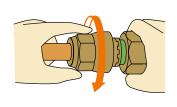
Mark the insertion 'T' or 'L' standard line with the marking gauge and marker pen at the proper position of each pipe size.

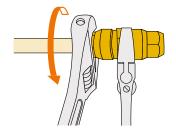




2 Insert the pipe

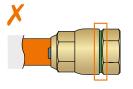
- 1. Insert firmly by hand until the pipe stops.
- 2. Make sure that the insertion standard line is no longer visible.



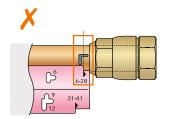


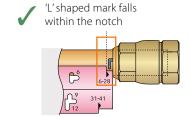
3 Tighten the nut

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









4 Check

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

View our installation video!

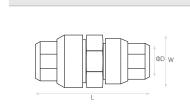
Tighfit joint

Tightfit REFNET





Standard joints (same size piping on each side)									
	Box Model Name	No of initially	D	imensio	ns				
	box model name	No. of joints/box	Diameter	L (mm)	W (mm)	Single Weight (g)			
	NEW SDGTC06_B	100	1/4" (6.35mm)	50.4	15	43			
	NEW SDGTC09_B	90	3/8" (9.52mm)	55	19.9	79			
	NEW SDGTC12_B	70	1/2" (12.7mm)	59	23.5	113			
	NEW SDGTC15_B	50	5/8" (15.9mm)	74	30	210			
	SDGTB19_B	45	3/4" (19.1mm)	76.8	34.6	273			
	SDGTB22_B	30	7/8" (22.2mm)	83.4	40.2	292			
	SDGTB28_B	24	11/8" (28.6mm)	88	46.7	515			
	BDGTA34_B	20	13/8" (34.9mm)	101.5	51.1	686			
	BDGTA41_B	16	15/8" (41.3mm)	103.5	58.3	881			



Asymmetric joi	Asymmetric joints (different size piping on each side)									
Day Madal Nama	No of initally		Dimensio	nensions						
Box Model Name	No. of joints/box	Diameter	L (mm)	W (mm)	Single Weight (g)					
NEW SDGTC0906_B	90	1/4"-3/8" (6.35-9.52mm)	52.7	19.9	67					
NEW SDGTC1209_B	70	3/8"-1/2" (9.42-12.7mm)	57.5	23.5	101					
NEW SDGTC1512_B	60	1/2"-5/8" (12.7-15.9mm)	65	30	164					
NEW SDGTC1915_B	45	5/8"-3/4" (15.9-19.1mm)	76.8	34.6	244					
SDGTB2219_B	30	3/4"-7/8" (19.1-22.2mm)	81.5	40.2	358					
SDGTB2522_B	30	7/8"-1" (22.2-25.4mm)	85.8	43.5	444					
SDGTB2825_B	24	1"-1 1/8" (25.4-28.6mm)	88.1	46.7	505					
SDGTB3428_B	20	11/8"-13/8" (28.6-34.9mm)	101.5	51.1	645					

Refnets compatible with Tightfit joints									
	Capacity ind	ex	Tightfit REFNET	Standard Refnet (for reference only)					
				KHRQ22M20TA					
	X<290	BHRG26A33T	KHRQ22M20T						
		2-pipe		KHRQ22M29T9					
	290<= X <= 640		BHRG26A72T	KHRQ22M64T					
	640 <= X		BHRG26A73T	KHRQ22M75T					
	V -200		BHRG25A33T	KHRQ23M20T					
	X<290	2	BHKGZ5A331	KHRQ23M29T9					
Possible to connect Tightfit directly	290<= X <= 640	3-pipe	BHRG25A72T	KHRQ23M64T					
	640 <= X		BHRG25A73T	KHRQ23M75T					

Accessories



SDGT_GAUGE

New Measuring Tool

 \equiv

Options & accessories - VRV outdoor

R-32

R-32

		VRV 5 hea	t recovery	VRV 5 he	eat pump	
		REYA8-20 REMA5	2 module systems	RXYA 8~20 RYMA5	2-module systems	
	Multi-module connection kit (obligatory) - Connects multiple modules into a single refrigerant system		2 modules: BHFQ23P907A		2 modules: BHFA22P1007	
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.					
	Bottom plate heater - To keep drain holes ice-free in extreme weather conditions (one per outdoor unit needed)	5/8-12: EKBPH012TA 14-20: EKBPH020TA	1 kit per system	5/8-12: EKBPH012TA 14-20: EKBPH020TA	1 kit per system	
ers	External control adapter for outdoor unit - Allows to activate Low Noise Operation and three levels of demand control, limiting power consumption via external dry contacts. Connects to the F1/F2 communication line and requires power supply from an indoor unit, BSVQ box, or VRV-WIII outdoor unit.	DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. For 14-20 HP the demand PCB mouting plate is required (2). See Options & Accessories of indoor units				
Adapters	KRC19-26 Mechanical cool/heat selector – allows to switch an entire Heat Pump system, or one BS-box of a Heat Recovery system between cooling, heating and fan only. Connects to the A-B-C terminals of the outdoor unit / BS-box.			• (3)		
	Cool/heat selector PCB (required to connect KRC19-26)			EKBRP2A81		
	EKCHSC - Cool/heat selector cable					
	EKPCCAB4 VRV configurator					
S	DTA109A51 DIII-net expander adapter	• (2) (4)		• (2) (4)		
Others	BPMKS967A2/A3 Branch provider (for connection of 2/3 RA indoor units)					
	EKDK04 Drain plug kit					
	EKLN140A Sound enclosure					

		R-4	10A	R-4	10A
		VRV IV+ he	at recovery	VRV IV+ h	eat pump
		REYQ8-20 REMQ5	2/3 module systems	RYYQ8-20 RYMQ8-20 RXYQ8-20	2/3 module systems
	Multi-module connection kit (obligatory) - Connects multiple modules into a single refrigerant system		2 modules: BHFQ23P907A 3 modules: BHFQ23P1357		2 modules: BHFQ22P1007 3 modules: BHFQ22P1517
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.				
	Bottom plate heater - To keep drain holes ice-free in extreme weather conditions (one per outdoor unit needed)	5/8-12: EKBPH012T7A 14-20: EKBPH020T7A		8-12: EKBPH012T7A 14-20: EKBPH020T7A	
ars	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.				1/62 r type depends on type l (2). See Options & Acces
Adapters	KRC19-26 Mechanical cool/heat selector – allows to switch an entire Heat Pump system, or one BS-box of a Heat Recovery system between cooling, heating and fan only. Connects to the A-B-C terminals of the outdoor unit / BS-box.			• (3)	1 kit per system (3)
	Cool/heat selector PCB (Required to connect KRC19-26)			BRP2A81	1 kit per system
	EKCHSC Cool/heat selector cable (Required to connect KRC19-26)				
	EKPCCAB4 VRV configurator			•	
Others	DTA109A51 DIII-net expander adapter				
J	BPMKS967A2/A3 Branch provider (for connection of 2/3 RA indoor units)			•	
	EKDK04 Drain plug kit				

⁽¹⁾ For installations with special requirements towards fire regulations, the insulation material can be replaced using kits EKHBFQ1 and EKHBFQ2. The kits contain insulation material that complies with ENI3501-1:B-S3,dO and BS476-7 (class 1)
(2) Requires mounting plate EKSB26B2* for 14~20HP
(3) Requires installation box KJB111A
(4) Only possible to install 1 adapter PCB

R-32

VRV S-	CO ₂ VRV	
RXYSA4-6AV1/AY1	RXYSA8-12AAY1	RXYN-B
EKBPH250D		
DTA104A For installation in exact adapter type depen See Options & Access	DTA104A61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. See Options & Accessories of indoor units	
• (3)	Standard on unit	
Standard on unit	Standard on unit	
•		
•		

R-410A		R-410A				R-410A			
VRVIV	VRV IV C+series		VRV IV S-series				VRV IV i-series SB.RKXYQ		
RXYLQ RXMLQ	2/3 module systems	RXYSCQ-TV1	RXYSQ4-6TV9	RXYSQ4-6TY9	RXYSQ8-12TY1	RDXYQ5	RDXYQ8	RKXYQ5	RKXYQ8
	2 modules: BHFQ22P1007 3 modules: BHFQ22P1517								
						EKDPH1RDX	EKDPH1RDX		
of indoor unit. ssories of indoor u	nits	DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. See Options & Accessories of indoor units			For installation	DTA104A53/61/62 In into an indoor unit: exact adapter type depends on type of indoor See Options & Accessories of indoor units			of indoor unit.
• (3)	1 kit per system (3)		• (3)	• (3)				• (3)	• (3)
BRP2A81	1 kit per system		EBRP2B						BRP2A81
				•				•	
•		•	•	•	•			•	•
•		•	•	•	•				
			•	•					

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Options & accessories - VRV outdoor

		R-410A	R-4	10A
		VRV III-Q Heat Pump Replacement VRV	VRV IV-Q Heat Pum	p Replacement VRV
		RQYQ 140P	RXYQQ8-20	2/3-module systems
	Multi-module connection kit (obligatory) Connects multiple modules into a single refrigerant system			2 modules: BHFQ22P1007 3 modules: BHFQ22P1517
Kits	Central drain pan kit - Installs onto the underside of the outdoor unit and collects drain water from all bottom plate outlets into a single outlet. In cold areas should be heated by a field-supplied heater to prevent drain water from freezing in the drain pan.	KWC26B160		
	Bottom plate heater - To keep drain holes ice-free in extreme weather conditions (one per outdoor unit needed)		8-12: EKBPH012T7A 14-20: EKBPH020T7A	
٤	External control adapter for outdoor unit - Allows to activate Low Noise Operation and three levels of demand control, limiting power consumption via external dry contacts. Connects to the F1/F2 communication line and requires power supply from an indoor unit*, BSVQ box, or VRV-WIII outdoor unit.	DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. For 14-20 HP the demand PCB mouting plate is required (2). See Options & Accessories of indoor units		
Adapters	KRC19-26 Mechanical cool/heat selector – allows to switch an entire Heat Pump system, or one BS-box of a Heat Recovery system between cooling, heating and fan only. Connects to the A-B-C terminals of the outdoor unit / BS-box.	• (3)	• (3)	1 kit per system
	BRP2A81 Cool/heat selector PCB (required to connect KRC19-26 to VRV IV outdoor)		•	1 kit per system
Others	EKPCCAB4 VRV configurator		•	
ᅙ	DTA109A51 DIII-net expander adapter			

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

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

(3) Requires installation box KJB111A

Refnets & branch selector boxes

		Refnet Joints (for CO ₂ systems field supplied T-joints must be used)				
		Capacity index	Capacity index	Capacity index	Capacity index	
		< 200	200 ≤ x < 290	290 ≤ x < 640	> 640	
Refnets	Imperial-size connections for heat recovery pump (2-pipe)	For all R-410A VRV: KHRQ22M20T For all R-410A+R-32 VRV: KHRQ22M20TA	KHRQ22M29T9	For all R-410A VRV: KHRQ22M64T For all R-32 VRV: KHRA22M65T	KHRQ22M75T	
Ref	Imperial-size connections for heat recovery pump (2-pipe) (1)	KHRQ23M20T	KHRQ23M29T	KHRQ23M64T	KHRQ23M75T	
(only for stem)	Closed pipe kit					
Options for Branch selector boxes (BS box) (only for connection with VRV heat recovery system)	Joint kit					
elector box VRV heat r	Quiet kit					
or Branch s ction with	Duct connection: To connect extraction of BSSV boxes in serial					
Options fo conne	Drain pump kit					

⁽¹⁾ For metric size connections, contact your local sales responsible (2) not applicable for SV1A25A

⁽⁴⁾ Only possible to install 1 adapter PCB

R-410A R-410A

VPV III. O Hoot Pos	avery Penlacement VPV	VRV-W IV Water-cooled VRV					
VRV III-Q Heat Recovery Replacement VRV			Heat Pump application	Heat Recovery application			
RQEQ 140~212	2/3/4-module systems	RWEYQ8-14	2/3-module systems	2/3-module systems			
	2/3 modules: BHFP26P36C 4 modules: BHFP26P84C		BHFQ22P1007 / BHFQ22P1517 (1)	BHFQ23P907 / BHFQ23P1357 (1)			

DTA104A53/61/62
Installation in the RWEYQ outdoor unit possible. For installation in indoor units, use appropriate type (DTA104A53/61/62) for particular indoor unit.

See Options & Accessories of indoor units

	(for H/P only) (3)	1 kit per system	
	(for H/P only)	1 kit per system	
	•	•	•
	•	•	•

			R-32	R-3 2	R-	-410A
Refnet Headers (for CO ₂ systems field supplied headers must be used)		VRV 5 Heat Recovery Branch Selector (BSSV) boxes	VRV 5 Heat Pump optional Shut off valve (SV) boxes		eat Recovery ector (BS) boxes	
Capacity index	Capacity index	Capacity index	Multi port	Single & multi port	1-port	Multi port
< 290	290 ≤ x < 640	> 640	BS-A14AV1B9	SV-A	BS1Q-A	BS-Q14AV1B
KHRQ22M29H	For all R-410A VRV: KHRQ22M64H For all R-32 VRV: KHRA22M65H	KHRQ22M75H				
KHRQ23M29H	KHRQ23M64H	KHRQ23M75H				
				Accessories in the box		KHFP26A100C
			EKBSJK	EKBSJK (2)		KHRP26A250T
					EKBSVQLNP	4 port: KDDN26A4 6-8 port: KDDN26A8 10-12 port: KDDN26A12 16 port: KDDN26A16
			EKBSDCK	EKBSDCK		
			K-KDU303KVE	K-KDU303KVE		

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(1) pump station is necessary for this option

L-type piping kit

(2) Installation box is necessary for these adapters

environments exposed to concentrations of dirt"

(4) Not recommended because of the limitation of the functions

Insulation kit for high humidity

Air discharge adapter for round duct

- (6) The BYCQ140EGF(B) is not compatible with Multi and Split Non-Inverter Outdoor units
- (7) Option not available in combination with BYCQ140EGF(B)
- (8) Both parts of the fresh air intake are needed for each unit
- (9) Cannot be combined with sensor kit
- (10) Independently controllable flaps function not available (11) Only possible in combination with BRC1H* / BRC1E*

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

KDT25N32 / KDT25N50 / KDT25N63

Others

⁽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

⁽⁵⁾ To be able to control the BYCQ140EGF(B) the controller BRC1E or BRC1H* is needed

R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-744	R-744
Concea	led ceiling units (due	ct units)	Ceiling susp	ended units	Wall mounted units	Floor standing units	CO ₂ Cassette	CO ₂ Concealed ceiling unit
Slim	Medium ESP	High ESP	1-way blow	4-way blow		Concealed	Round flow (800x800)	Medium ESP FXSN-B
FXDA-A	FXSA-A	FXMA-A	FXHA-A	FXUA-A	FXAA-A	FXNA-A	FXFN-B Standard panels: BYCQ140E (white) / BYCQ140EW (full white)/3) / BYCQ140EB (black) Auto cleaning (5)(6): BYCQ140EGF (white) / BYCQ140EFB (black) Designer panels: BYCQ140EP (white) / BYCQ140EPB (black)	FXSN-B
				KDBHP49B140 +			KDBHQ56B140 (7)	
				KDBTP49B140 BRE49B2F			BRYQ140B (white panels) BRYQ140BB (black panels) BRYQ140C (white designer panel) BRYQ140CB (black designer panel) BRC7FA532F (white panels) (7)(15)	
BRC4C65	BRC4C65	BRC4C65	BRC7GA53-9	BRC7C58	BRC7EA630	BRC4C65	BRC7FA532FB (black panels) (7)(15) BRC7FB532F (white designer panel) (7)(15) BRC7FB532FB (black designer panel) (7)(15)	BRC4C65
•	•	•	•	•	•	•	•	•
• (mandatory)	• (mandatory)	• (mandatory)	• (mandatory)	• (mandatory)	• (mandatory)	• (mandatory)	•	•
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•	•	•	•	•	•	•		
15-32: BAE20A62 40-50: BAE20A82 63: BAE20A102							see decoration panel	
		Replacement filters for 200~250: BAFM503A250 (65%) (21) BAFH504A250 (90%) (21) 200~250: BAFL502A250 (21)	32: KAF501B56 50~63: KAF501B80 71~100: KAF501B160	KAFP551K160			ePM10 60% BAF552AA160 (22) (BAF552AA160-5: box of 5 filters) (BAF552AA160-10 (box of 10 filter) KAF5511D160	
		200~250: BAFL501A250						
		200~250:						
KRCS01-6B	KRCS01-6B	BDD500B250 KRCS01-6B	KRCS01-6B	KRCS01-6B	KRCS01-6B	KRSC01-6B	KRCS01-5B	KRCS01-6B
SB.K.RSS_FDA	SB.K.RSS_FDA	SB.K.RSS_FDA	SB.K.RSS_FDA	SB.K.RSS_FDA	SB.K.RSS_FDA	SB.K.RSS_FDA	SB.K.RSS_RFC (EKEWTSC-2 + K.RSS)	SB.K.RSS_FDA
(EKEWTSC-1 + K.RSS)	(EKEWTSC-1 + K.RSS)	(EKEWTSC-1 + K.RSS) KRP1BA58	(EKEWTSC-1 + K.RSS)	(EKEWTSC-1 + K.RSS)	(EKEWTSC-1 + K.RSS)	(EKEWTSC-1 + K.RSS) KRP1BA58 (2)(7)	3335 € (2.12.17.35.2.7.133)	(EKEWTSC-1 + K.RS
EKRP1C14 (2)	EKRP1C14 (2)		EKRP1C14 (2)	ERP02A50 (2)	ERP02A50 (2)	EKRP1C12 (2)(7)	EKRP1C14 (2)(16)	
KRP4A52(2)	50~125: KRP4A52 200~250: KRP4A51	KRP4A52 (2)	KRP4A53 (2)	KRP4A51 (2)	KRP4A54-9 (2)	KRP4A53 (2)(7)	KRP4A52(2)(16)	
KRP2A51(2)	KRP2A51	KRP2A62		KRP2A61(2)	KRP2A53 (2)		KRP2A51(2)(16)	
BRP7A51	BRP7A51	BRP7A52 (2)	BRP7A53	BRP7A51 (2)	BRP7A54 (2)	BRP7A53	BRP7A51 (16)	
DTA114A61	DTA114A61	DTA114A61-9	DTA114A61-9	DTA114A61		DTA114A61	DTA114A61 (2) (16)	
DTA104A61 (2)	DTA104A61 (2)	DTA104A61	DTA104A61	DTA104A51(2) / DTA104A61(2)	DTA104A53 (2)	DTA104A62 (2)	DTA104A61 (2)(16)	
KRP1BC101	KRP1BC101	KRP1D93A/KRP4B93	KRP1B97 / KRP1C97	KRP4A93	KRP1BC101	KRP1H98A (7) / KRP1BC101	KRP1BC101	
Standard	Standard	standard	standard	Standard	Standard	Standard	Standard	
ERP01A50 (2) Standard	ERP01A50 200~250: BDU510B250VM	ERP01A51 (2) 32-50-63: KDU50R63 100: KDU50R160	ERP01A51 (2)	ERP01A51 (2) K-KDU572KVE	ERP01A51 (2)	Standard	Standard	
						KDDP55C160-1+		
15~32: KDAP25A36A						KDDP55D160-2 (7)(8)		
40~50: KDAP25A56A 63~80: KDAP25A71A 100~125: KDAP25A140A 140: -	50~80: KDAJ25K71 100~125: KDAJ25K140 200~250: -						40~50: KDAP25A71A 63~80: KDAP25A140A	
		32: KHFP5M35 50~63: KHFP5N63 71~100: KHFP5N160						

⁽¹³⁾ Option KEK26-1A (Noise filter) is required when installing DCS301B51
(14) Wire harnass EKEWTSC is necessary
(15) The active airflow circulation function is not available for this controller.
(16) Up to 2 adaptor PCBs can be installed per installation box
(17) Only one installation box can be installed per indoor unit
(18) VRV R-32 indoor units cannot be connected to this controller
(19) The BYFQ60C4* R-32 panels can be connected to R-410A indoor units with wire harness EKRS22

⁽²⁰⁾ Wire harness EKRS23 is necessary
(21) Filter chamber needed (BDD500B250)
(22) Only possible in combination with BYCQ140E and BYCQ140EW. Cannot be combined with other filters, chambers, fresh air intake kits or air discharge outlet sealing member kit
(23) Only possible in combination with BYCQ140E/EW/EB. Cannot be combined with other filters, chambers, fresh air intake kits or discharge outlet sealing member kit

\sim $^{\circ}$	ons & accessories - VRV	Round flow (800x800)	4-way (600x600)	2-way blow	Corner (1-way blow
ndo	or & hot water R-410A	FXFQ-B	FXZQ-A	FXCQ-A	FXKQ-A
	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) BYCQ140EP (white) / BYCQ140EPB (black)	BYFQ60C2W1W (white panel) BYFQ60C2W1S (grey panel) BYFQ60B3W1 (standard panel)	20~40: BYBCQ40H 50~63: BYBCQ63H 80~125: BYBCQ125H	20-32: BYK32 40-63: BYK63
Panels	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)		
	Sealing Kit for 5- or 2-directional all discharge	BRYQ140B (white panels)	BDB11Q44C00 (Writte & grey pariet)		
	Sensor kit	BRYQ140BB (black panels) BRYQ140C (white designer panel) BRYQ140CB (black designer panel)	BRYQ60A2W (white) BRYQ60A2S (grey)		
Individual control systems	Infrared remote control including receiver	BRC7FA532F (white panels) (7)(15) BRC7FA532FB (black panels) (7)(15) BRC7FB532F (white designer panel) (7)(15) BRC7FB532FB (black designer panel) (7)(15)	BRC7F530W (9) (10) (white panel) BRC7F530S (9) (10) (grey panel) BRC7EB530W (9) (10) (standard panel)	BRC7C52	
ualo	BRP069C51 - Onecta app Madoka				
i Sy	BRC1H52W7 (White) / BRC1H52S7 (Silver) / BRC1H52K7 (Black) User-friendly wired remote controller with premium design	•	•	•	•
르	BRC1E53A/B/C - Wired remote controller with premium design	•	•	•	•
	BRC1D52 (4) - Standard wired remote control with weekly timer	• (15)	•	•	•
control	DCC601A51 - Intelligent Tablet Controller	•	•	•	•
Ster	DCS601C51 (12) - intelligent Touch Controller DCS302C51 (12) - Central remote control	•	•	•	•
۾ تا ڙ	DCS301B51 (12) (13) - Unified ON/OFF control	•	•		
	EKMBPP1A - Modbus interface for monitoring and control	•	•	•	•
Interfaces for individual control	RTD-10 - Modbus interface for infrastructure cooling	•	•	•	•
를 를 를	RTD-20 - Modbus interface for retail	•	•	•	•
ori ori	RTD-HO - Modbus interface for hotel	•	•	•	•
<u> </u>	KLIC-DI_V2 - KNX Interface DCM601B51 - intelligent Touch Manager	•	•	•	•
d proto	DGE601A51 - Edge adapter for connection to Daikin Cloud Plus	•	•		
- 6 - 6	DGE602A51 - Edge lite adapter for connection to Daikin Cloud Plus	•	•	•	•
ra la	EKMBDXB - Modbus interface	•	•	•	•
ent ent	DCM010A51 - Daikin PMS interface	•	•	•	•
ָם בַּ	DMS502A51 - BACnet Interface	•	•	•	•
	DMS504B51 - LonWorks Interface	•	•	•	•
	Auto cleaning filter	see decoration panel			
	UV Streamer kit (purifies the air of pollutants such as virusses, bacteria, fine dust, odours, allergens, etc Replacement				
	ensuring a healthy indoor environment) filter	BAF55A125 BAF552AA160			
Filters	High efficiency filter	ePM10 60% (26) (BAF552AA160-5: box of 5 filters) (BAF552AA160-10: box of 10 filters)		20 40, VAFE21CE0	
			KAE441660	20~40: KAF531C50 50~63: KAF531C80	
	Replacement long life filter, non-woven type Pre-filter	KAF5511D160	KAF441C60	80~125: KAF531C160	
	Pre-filter Filter chamber			80~125: KAF531C160	
nd sors	Pre-filter Filter chamber KRCS - External wired temperature sensor	KRCS01-5B	KRCS01-4		KRCS01-6E
and	Pre-filter Filter chamber KRCS - External wired temperature sensor K.RSS - External wireless temperature sensor	KRCS01-5B K.RSS	KRCS01-4 K.RSS	80~125: KAF531C160	SB. K.RSS_FI
and	Filter Chamber KRCS - External wired temperature sensor K.RSS - External wireless temperature sensor Adapter with 2 output signals (Compressor / Error, Fan output)	KRCS01-5B	KRCS01-4	80~125: KAF531C160	SB. K.RSS_F
and	Pre-filter Filter chamber KRCS - External wired temperature sensor K.RSS - External wireless temperature sensor	KRCS01-5B K.RSS	KRCS01-4 K.RSS	80~125: KAF531C160	SB. K.RSS_F (EKEWTSC-1 + I
and	Pre-filter Filter chamber KRCS - External wired temperature sensor K.RSS - External wireless temperature sensor Adapter with 2 output signals (Compressor / Error, Fan output) Adapter with 4 output signals (Compressor / Error, Fan, Aux. heater, Humidifier output) Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-140Ω (for dedicated indoor)	KRCS01-5B K.RSS KRP1BA58 (2)(7)	KRCS01-4 K.RSS KRP1B57 (2)	80~125: KAF531C160 KRCS01-4	SB. K.RSS_F (EKEWTSC-1 + F EKRP1C14 (
	Pre-filter Filter chamber KRCS - External wired temperature sensor K.RSS - External wireless temperature sensor Adapter with 2 output signals (Compressor / Error, Fan output) Adapter with 4 output signals (Compressor / Error, Fan, Aux. heater, Humidifier output) Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-140Ω	KRCS01-5B K.RSS KRP1BA58 (2)(7) EKRP1C12 (2)(7)	KRCS01-4 K.RSS KRP1B57 (2) EKRP1B2 (2)	80~125: KAF531C160 KRCS01-4 EKRP1B2 (2)	SB. K.RSS_FI (EKEWTSC-1 + H EKRP1C14 (: KRP4A53 (:
	Pre-filter Filter chamber KRCS - External wired temperature sensor K.RSS - External wireless temperature sensor Adapter with 2 output signals (Compressor / Error, Fan output) Adapter with 4 output signals (Compressor / Error, Fan, Aux. heater, Humidifier output) Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-140Ω (for dedicated indoor) Adapter for external central monitoring/control (controls 1 entire system) Adapter for keycard and/or window contact connection (2)(11)	KRCS01-5B K.RSS KRP1BA58 (2)(7) EKRP1C12 (2)(7)	KRCS01-4 K.RSS KRP1B57 (2) EKRP1B2 (2) KRP4A53 (2)	80~125: KAF531C160 KRCS01-4 • EKRP1B2 (2) KRP4A51 (2)	SB. K.RSS_FI (EKEWTSC-1 + H EKRP1C14 (: KRP4A53 (;
Adapters and sensors	Pre-filter Filter chamber KRCS - External wired temperature sensor K.RSS - External wireless temperature sensor Adapter with 2 output signals (Compressor / Error, Fan output) Adapter with 4 output signals (Compressor / Error, Fan, Aux. heater, Humidifier output) Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-1400 (for dedicated indoor) Adapter for external central monitoring/control (controls 1 entire system) Adapter for keycard and/or window contact connection (2)(11) Adapter for multi-tenant applications	KRCS01-5B K.RSS KRP1BA58 (2)(7) EKRP1C12 (2)(7) KRP4A53 (2)(7)	KRCS01-4 K.RSS KRP1B57 (2) EKRP1B2 (2) KRP4A53 (2)	80~125: KAF531C160 KRCS01-4 • EKRP1B2 (2) KRP4A51 (2) KRP2A51 (2)	SB. K.RSS_FI (EKEWTSC-1 + H EKRP1C14 (KRP4A53 (2 KRP2A52 BRP7A51 (2
	Pre-filter Filter chamber KRCS - External wired temperature sensor K.RSS - External wireless temperature sensor Adapter with 2 output signals (Compressor / Error, Fan output) Adapter with 4 output signals (Compressor / Error, Fan output) Adapter with 4 output signals (Compressor / Error, Fan, Aux. heater, Humidifier output) Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-1400 (for dedicated indoor) Adapter for external central monitoring/control (controls 1 entire system) Adapter for keycard and/or window contact connection (2)(11) Adapter for multi-tenant applications (24VAC PCB power supply interface)	KRCS01-5B K.RSS KRP1BA58 (2)(7) EKRP1C12 (2)(7) KRP4A53 (2)(7)	KRCS01-4 K.RSS KRP1B57 (2) EKRP1B2 (2) KRP4A53 (2) KRP2A52 BRP7A53 (2)	80~125: KAF531C160 KRCS01-4 • EKRP1B2 (2) KRP4A51 (2) KRP2A51 (2) BRP7A51	SB. K.RSS_F (EKEWTSC-1 + I EKRP1C14 (KRP4A53 (; KRP2A52 BRP7A51 (;
	Pre-filter Filter chamber KRCS - External wired temperature sensor K.RSS - External wireless temperature sensor Adapter with 2 output signals (Compressor / Error, Fan output) Adapter with 4 output signals (Compressor / Error, Fan output) Adapter with 4 output signals (Compressor / Error, Fan, Aux. heater, Humidifier output) Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-1400 (for dedicated indoor) Adapter for external central monitoring/control (controls 1 entire system) Adapter for keycard and/or window contact connection (2)(11) Adapter for multi-tenant applications (24VAC PCB power supply interface) External control adapter for outdoor unit (installation on indoor unit)	KRCS01-5B K.RSS KRP1BA58 (2)(7) EKRP1C12 (2)(7) KRP4A53 (2)(7) BRP7A53 DTA114A61	KRCS01-4 K.RSS KRP1B57 (2) EKRP1B2 (2) KRP4A53 (2) KRP2A52 BRP7A53 (2) DTA114A61	80~125: KAF531C160 KRCS01-4 • EKRP1B2 (2) KRP4A51 (2) KRP2A51 (2) BRP7A51 DTA114A61-9 DTA104A61 (2)	SB. K.RSS_FI (EKEWTSC-1 + Ir EKRP1C14 (KRP4A53 (; KRP2A52 BRP7A51 (; DTA114A6
	Pre-filter Filter chamber KRCS - External wired temperature sensor K.RSS - External wireless temperature sensor Adapter with 2 output signals (Compressor / Error, Fan output) Adapter with 4 output signals (Compressor / Error, Fan, Aux. heater, Humidifier output) Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-140Ω (for dedicated indoor) Adapter for external central monitoring/control (controls 1 entire system) Adapter for keycard and/or window contact connection (2)(11) Adapter for multi-tenant applications (24VAC PCB power supply interface) External control adapter for outdoor unit (installation on indoor unit) Installation box / Mounting plate for adapter PCBs (For units where there is no space in the switchbox)	KRCS01-5B K.RSS KRP1BA58 (2)(7) EKRP1C12 (2)(7) KRP4A53 (2)(7) BRP7A53 DTA114A61 KRP1H98A (7) KRP1BC101	KRCS01-4 K.RSS KRP1B57 (2) EKRP1B2 (2) KRP4A53 (2) KRP2A52 BRP7A53 (2) DTA114A61 KRP1BC101	80~125: KAF531C160 KRCS01-4 • EKRP1B2 (2) KRP4A51 (2) KRP2A51 (2) BRP7A51 DTA114A61-9 DTA104A61 (2) KRP1C96 (16) (17)	SB. K.RSS_FI (EKEWTSC-1 + Ir EKRP1C14 (: KRP4A53 (2 KRP2A52 BRP7A51 (2 DTA114A6:
	Pre-filter Filter chamber KRCS - External wired temperature sensor K.RSS - External wireless temperature sensor Adapter with 2 output signals (Compressor / Error, Fan output) Adapter with 4 output signals (Compressor / Error, Fan output) Adapter with 4 output signals (Compressor / Error, Fan output) Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-1400 (for dedicated indoor) Adapter for external central monitoring/control (controls 1 entire system) Adapter for keycard and/or window contact connection (2)(11) Adapter for multi-tenant applications (24VAC PCB power supply interface) External control adapter for outdoor unit (installation on indoor unit) Installation box / Mounting plate for adapter PCBs (For units where there is no space in the switchbox) Wiring kit for Remote ON/OFF or Forced OFF	KRCS01-5B K.RSS KRP1BA58 (2)(7) EKRP1C12 (2)(7) KRP4A53 (2)(7) BRP7A53 DTA114A61 KRP1H98A (7)	KRCS01-4 K.RSS KRP1B57 (2) EKRP1B2 (2) KRP4A53 (2) KRP2A52 BRP7A53 (2) DTA114A61	80~125: KAF531C160 KRCS01-4 • EKRP1B2 (2) KRP4A51 (2) KRP2A51 (2) BRP7A51 DTA114A61-9 DTA104A61 (2)	SB. K.RSS_FI (EKEWTSC-1 + Ir EKRP1C14 (KRP4A53 (; KRP2A52 BRP7A51 (; DTA114A6
	Pre-filter Filter chamber KRCS - External wired temperature sensor K.RSS - External wireless temperature sensor Adapter with 2 output signals (Compressor / Error, Fan output) Adapter with 4 output signals (Compressor / Error, Fan output) Adapter with 4 output signals (Compressor / Error, Fan output) Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-1400 (for dedicated indoor) Adapter for external central monitoring/control (controls 1 entire system) Adapter for keycard and/or window contact connection (2)(11) Adapter for multi-tenant applications (24VAC PCB power supply interface) External control adapter for outdoor unit (installation on indoor unit) Installation box / Mounting plate for adapter PCBs (For units where there is no space in the switchbox) Wiring kit for Remote ON/OFF or Forced OFF Relay PCB for output signal of refrigerant sensor	KRCS01-5B K.RSS KRP1BA58 (2)(7) EKRP1C12 (2)(7) KRP4A53 (2)(7) BRP7A53 DTA114A61 KRP1H98A (7) KRP1BC101 Standard	KRCS01-4 K.RSS KRP1B57 (2) EKRP1B2 (2) KRP4A53 (2) KRP2A52 BRP7A53 (2) DTA114A61 KRP1BC101 Standard	80~125: KAF531C160 KRCS01-4 EKRP1B2 (2) KRP4A51 (2) KRP2A51 (2) BRP7A51 DTA114A61-9 DTA104A61 (2) KRP1C96 (16) (17) Standard	SB. K.RSS_FI (EKEWTSC-1 + k EKRP1C14 (: KRP4A53 (: KRP2A52 BRP7A51 (: DTA114A6 KRP1BC101 / KRI Standard
	Pre-filter Filter chamber KRCS - External wired temperature sensor K.RSS - External wireless temperature sensor Adapter with 2 output signals (Compressor / Error, Fan output) Adapter with 4 output signals (Compressor / Error, Fan output) Adapter with 4 output signals (Compressor / Error, Fan output) Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-1400 (for dedicated indoor) Adapter for external central monitoring/control (controls 1 entire system) Adapter for keycard and/or window contact connection (2)(11) Adapter for multi-tenant applications (24VAC PCB power supply interface) External control adapter for outdoor unit (installation on indoor unit) Installation box / Mounting plate for adapter PCBs (For units where there is no space in the switchbox) Wiring kit for Remote ON/OFF or Forced OFF Relay PCB for output signal of refrigerant sensor	KRCS01-5B K.RSS KRP1BA58 (2)(7) EKRP1C12 (2)(7) KRP4A53 (2)(7) BRP7A53 DTA114A61 KRP1H98A (7) KRP1BC101	KRCS01-4 K.RSS KRP1B57 (2) EKRP1B2 (2) KRP4A53 (2) KRP2A52 BRP7A53 (2) DTA114A61 KRP1BC101	80~125: KAF531C160 KRCS01-4 • EKRP1B2 (2) KRP4A51 (2) KRP2A51 (2) BRP7A51 DTA114A61-9 DTA104A61 (2) KRP1C96 (16) (17)	SB. K.RSS_F (EKEWTSC-1 + I EKRP1C14 (KRP4A53 () KRP2A52 BRP7A51 () DTA114A6 KRP1BC101 / KR
	$\label{eq:control} Frilter chamber \\ \textbf{KRCS} - External wired temperature sensor \\ \textbf{K.RSS} - External wireless temperature sensor \\ \textbf{Adapter with 2 output signals (Compressor / Error, Fan output)} \\ \textbf{Adapter with 4 output signals (Compressor / Error, Fan, Aux. heater, Humidifier output)} \\ \textbf{Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0.140\Omega (for dedicated indoor) \\ \textbf{Adapter for external central monitoring/control (controls 1 entire system)} \\ \textbf{Adapter for keycard and/or window contact connection (2)(11)} \\ \textbf{Adapter for multi-tenant applications} \\ \textbf{(24VAC PCB power supply interface)} \\ \textbf{External control adapter for outdoor unit (installation on indoor unit)} \\ \textbf{Installation box / Mounting plate for adapter PCBs} \\ \textbf{(For units where there is no space in the switchbox)} \\ \textbf{Wiring kit for Remote ON/OFF or Forced OFF} \\ \textbf{Relay PCB for output signal of refrigerant sensor} \\ \textbf{Drain pump kit} \\ \textbf{Multi zoning kit (for detailed model code overview refer to multizoning argue card in this catalogue)} \\ \end{aligned}$	KRCS01-5B K.RSS KRP1BA58 (2)(7) EKRP1C12 (2)(7) KRP4A53 (2)(7) BRP7A53 DTA114A61 KRP1H98A (7) KRP1BC101 Standard Standard	KRCS01-4 K.RSS KRP1B57 (2) EKRP1B2 (2) KRP4A53 (2) KRP2A52 BRP7A53 (2) DTA114A61 KRP1BC101 Standard Standard	80~125: KAF531C160 KRCS01-4 EKRP1B2 (2) KRP4A51 (2) KRP2A51 (2) BRP7A51 DTA114A61-9 DTA104A61 (2) KRP1C96 (16) (17) Standard	SB. K.RSS_FI (EKEWTSC-1 + Ir EKRP1C14 (KRP4A53 () KRP2A52 BRP7A51 (2 DTA114A6 KRP1BC101 / KR
	Fre-filter Filter chamber KRCS - External wired temperature sensor K.RSS - External wireless temperature sensor Adapter with 2 output signals (Compressor / Error, Fan output) Adapter with 4 output signals (Compressor / Error, Fan output) Adapter with 4 output signals (Compressor / Error, Fan output) Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-140Ω (for dedicated indoor) Adapter for external central monitoring/control (controls 1 entire system) Adapter for keycard and/or window contact connection (2)(11) Adapter for multi-tenant applications (24VAC PCB power supply interface) External control adapter for outdoor unit (installation on indoor unit) Installation box / Mounting plate for adapter PCBs (For units where there is no space in the switchbox) Wiring kit for Remote ON/OFF or Forced OFF Relay PCB for output signal of refrigerant sensor Drain pump kit	KRCS01-5B K.RSS KRP1BA58 (2)(7) EKRP1C12 (2)(7) KRP4A53 (2)(7) BRP7A53 DTA114A61 KRP1H98A (7) KRP1BC101 Standard	KRCS01-4 K.RSS KRP1B57 (2) EKRP1B2 (2) KRP4A53 (2) KRP2A52 BRP7A53 (2) DTA114A61 KRP1BC101 Standard	80~125: KAF531C160 KRCS01-4 EKRP1B2 (2) KRP4A51 (2) KRP2A51 (2) BRP7A51 DTA114A61-9 DTA104A61 (2) KRP1C96 (16) (17) Standard	SB. K.RSS_FI (EKEWTSC-1 + k EKRP1C14 (: KRP4A53 (: KRP2A52 BRP7A51 (: DTA114A6 KRP1BC101 / KRI Standard
	Filter Chamber KRCS - External wired temperature sensor K.RSS - External wireless temperature sensor Adapter with 2 output signals (Compressor / Error, Fan output) Adapter with 4 output signals (Compressor / Error, Fan output) Adapter with 4 output signals (Compressor / Error, Fan output) Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-140Ω (for dedicated indoor) Adapter for external central monitoring/control (controls 1 entire system) Adapter for keycard and/or window contact connection (2)(11) Adapter for multi-tenant applications (24VAC PCB power supply interface) External control adapter for outdoor unit (installation on indoor unit) Installation box / Mounting plate for adapter PCBs (For units where there is no space in the switchbox) Wiring kit for Remote ON/OFF or Forced OFF Relay PCB for output signal of refrigerant sensor Drain pump kit Multi zoning kit (for detailed model code overview refer to multizoning argue card in this catalogue) Fresh air intake kit (direct installation type)	KRCS01-5B K.RSS KRP1BA58 (2)(7) EKRP1C12 (2)(7) KRP4A53 (2)(7) BRP7A53 DTA114A61 KRP1H98A (7) KRP1BC101 Standard Standard	KRCS01-4 K.RSS KRP1B57 (2) EKRP1B2 (2) KRP4A53 (2) KRP2A52 BRP7A53 (2) DTA114A61 KRP1BC101 Standard Standard	80~125: KAF531C160 KRCS01-4 EKRP1B2 (2) KRP4A51 (2) KRP2A51 (2) BRP7A51 DTA114A61-9 DTA104A61 (2) KRP1C96 (16) (17) Standard	KRCS01-6E SB. K.RSS_FI (EKEWTSC-1 + k EKRP1C14 (2 KRP4A53 (2 BRP7A51 (2 DTA114A61 KRP1BC101 / KRI Standard
Adapters	Fre-filter Filter chamber KRCS - External wired temperature sensor K.RSS - External wireless temperature sensor Adapter with 2 output signals (Compressor / Error, Fan output) Adapter with 4 output signals (Compressor / Error, Fan output) Adapter with 4 output signals (Compressor / Error, Fan, Aux. heater, Humidifier output) Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-140Ω (for dedicated indoor) Adapter for external central monitoring/control (controls 1 entire system) Adapter for keycard and/or window contact connection (2)(11) Adapter for nulti-tenant applications (24VAC PCB power supply interface) External control adapter for outdoor unit (installation on indoor unit) Installation box / Mounting plate for adapter PCBs (For units where there is no space in the switchbox) Wiring kit for Remote ON/OFF or Forced OFF Relay PCB for output signal of refrigerant sensor Drain pump kit Multi zoning kit (for detailed model code overview refer to multizoning argue card in this catalogue) Fresh air intake kit (direct installation type)	KRCS01-5B K.RSS KRP1BA58 (2)(7) EKRP1C12 (2)(7) KRP4A53 (2)(7) BRP7A53 DTA114A61 KRP1H98A (7) KRP1BC101 Standard Standard	KRCS01-4 K.RSS KRP1B57 (2) EKRP1B2 (2) KRP4A53 (2) KRP2A52 BRP7A53 (2) DTA114A61 KRP1BC101 Standard Standard	80~125: KAF531C160 KRCS01-4 EKRP1B2 (2) KRP4A51 (2) KRP2A51 (2) BRP7A51 DTA114A61-9 DTA104A61 (2) KRP1C96 (16) (17) Standard	SB. K.RSS_FI (EKEWTSC-1 + k EKRP1C14 (: KRP4A53 (: KRP2A52 BRP7A51 (: DTA114A6 KRP1BC101 / KRI Standard

⁽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 BRCIE or BRCIH* is needed

⁽⁶⁾ The BYCQ140EGF(B) is not compatible with Multi and Split Non-Inverter Outdoor units (7) Option not available in combination with BYCQ140EGF(B)

⁽⁸⁾ Both parts of the fresh air intake are needed for each unit

⁽⁹⁾ Cannot be combined with sensor kit
(10) Independently controllable flaps function not available
(11) Only possible in combination with BRC:I+* / BRC:IE*
(12) When fixing box is required, use KJB212A, KJB311A or KJB411A depending on the size of the controller
(13) Option KEY26-1A (Noise filter) is required when installing DCS301B51
(14) Wire harnass EKEWTSC is necessary
(15) The active airflow circulation function is not available for this controller.
(16) Up to 2 adaptor PCBs can be installed per installation box
(17) Only one installation box can be installed per indoor unit
(18) VRV R-32 indoor units cannot be connected to this controller

	Concealed ceiling	units (duct units)		Ceiling susp	ended units	Wall mounted units	Floor stand	aing units
Slim	Medium ESP	High	1 ESP	1-way blow	4-way blow		Concealed	Free-standing
FXDQ-A3	FXSQ-A	FXMQ-P7	FXMQ-A	FXHQ-A	FXUQ-A	FXAQ-A	FXNQ-A	FXLQ-P
								20~25: EKRDP25A5 32~40: EKRDP40A5 50~63: EKRDP63A5
					KDBHP49B140 +			
					KDBTP49B140			
BRC4C65	BRC4C65	BRC4C65	BRC4C65	BRC7GA53-9	BRC7C58	BRC7EA629 / BRC7EA628	BRC4C65	BRC4C65
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
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•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•		•	•
•	•	•	•	•	•	•	•	•
-32: BAE20A62 40-50: BAE20A82 63: BAE20A102	•	•	•	•	•	•	•	•
			Replacement filter BAFM503A250 (65%) (21) BAFH504A250 (90%) (21)	22 (41502056				20. 25 (AF2(4) 20
			BAFL502A250 (21) BAFL501A250	32: KAF501B56 63: KAF501B80 100: KAF501B160	KAF5511D160			20~25: KAF361L28 32~40: KAF361L45 50~63: KAF361L71
			BDD500B250					
KRCS01-4	KRCS01-4	KRCS01-4	KRCS01-6B SB.K.RSS_FDA	KRCS01-4	KRCS01-4	KRCS01-1	KRSC01-4	KRCS01-1
K.RSS	K.RSS	(CDD1CC 4 (2))	(EKEWTSC-1 + K.RSS)	(CDD1D5.4.(2))	•	K.RSS + EKEWTSC	•	•
KRP1B56	EKRP1B2 (2)	KRP1C64 (2) EKRP1B2 (2)	KRP1C65 EKRP1C14 (2)	KRP1B54 (2)			KRP1B56	KRP1B61
KRP4A54-9 (2)	KRP4A52 (2)	KRP4A51 (2)	KRP4A51	KRP4A52 (2)	KRP4A53 (2)	KRP4A51 (2)	KRP4A54-9	KRP4A51
KRP2A53 (2)	KRP2A51 (2)	KRP2A51 (2)	KRP2A51	KRP2A62 (2)		KRP2A51 (2)/	KRP2A53	KRP2A51
BRP7A54	BRP7A51	BRP7A51	BRP7A51	BRP7A52	BRP7A53	KRP2A61(2) BRP7A51 (2)	BRP7A54	BRP7A51
DTA114A61	DTA114A61 (2)	DTA114A61 (2)	DTA114A61	DTA114A61-9	DTA114A61-9	DTA114A61	DTA114A61	EKMTAC
DTA104A53	DTA104A61	DTA104A61 (2)	DTA104A61	DTA104A62-9		DTA104A51 / DTA104A61	DTA104A53	DTA104A61
KRP1BC101	KRP1BC101	KRP4A96		KRP1D93A (19)	KRP1B97	KRP4AA93 (16)(17)	KRP1BC101	
	Standard	Standard	Standard	EKRORO4	EKRORO5	Standard	Standard	Standard
Standard	Standard	Standard	BDU510B250VM	32: KDU50R63 63~100: KDU50R160		K-KDU572KVE		
•	•							
	15~32: KDAP25A36A				Hotwat	-or		
	40~50: KDAP25A56A 63~80: KDAP25A71A	50~80: KDAJ25K71			Hot wat	.CI	HXY080-125A8 EKHBDPCA2	HXHD125-200A8
	100~125: KDAP25A140A	100~125: KDAJ25K140			Digital I/O PCB		EKRP1HBAA	EKRP1HBAA
	140: -				Demand PCB - Requi	red to connect room	EKRP1AHTA	EKRP1AHTA
	1	1			thermostat			

32: KHFP5N63 63~100: KHFP5N160

- (19) The BYFQ60C4* R-32 panels can be connected to R-410A indoor units with wire harness EKRS22 (20) Wire harness EKRS23 is necessary (21) Filter chamber needed (BDD500B250)

KDT25N32 / KDT25N50 / KDT25N63

- (21) Finite trialinize Theoretic Receiver (abb2006250) (22) Only possible in combination with BYCQ140E and BYCQ140EW Cannot be combined with other filters, chambers, fresh air intake kits or air discharge outlet sealing member kit
- (23) Requires demand PCB (24) Can only be used in combination with wireless room thermostat
- (25) If tank is NOT mounted on top of the HXHD unit, then option EKFMAHTB is needed to install tank as stand alone
- (26) Only possible in combination with BYCQ140E/EW/EB. Cannot be combined with other filters, chambers, fresh air intake kits or discharge outlet sealing member kit

Options - Ventilation

•					Energy red	overy ventila	tion - VAM			
		VAM 150FC9	VAM 250FC9	VAM 350J8	VAM 500J8	VAM 650J8	VAM 800J8	VAM 1000J8	VAM 1500J8	VAM 2000J8
	BRC301B61	•	•	•	•	•	•	•	•	•
Individual control systems	VAM wired remote control Madoka BRC1H52W7 (White) / BRC1H52S7 (Silver) / BRC1H52K7 (Black) User-friendly wired remote controller with premium design	•	•	•	•	•	•	•	•	•
ividual co	BRC1E53A/B/C Wired remote control with full-text interface and back-light	•	•	•	•	•	•	•	•	•
<u>Pu</u>	BRC1D52 Standard wired remote control with weekly timer	•	•	•	•	•	•	•	•	•
itrol	DCC601A51 intelligent Tablet Controller	•	•	•	•	•	•	•	•	•
d cor	DCS601C51 intelligent Touch Controller	•	•	•	•	•	•	•	•	•
alised co systems	DCS302C51 Central remote control	•	•	•	•	•	•	•	•	•
Centralised control systems	DCS301B51 Unified ON/OFF control	•	•	•	•	•	•	•	•	•
ø	DCM601A51 intelligent Touch Manager	•	•	•	•	•	•	•	•	•
Building Management System & Standard protocol interface	DGE601A51 Edge adapter for connection to Daikin Cloud Plus	•	•	•	•	•	•	•	•	•
agemen rotocol ii	DGE602A51 Edge lite adapter for connection to Daikin Cloud Plus	•	•	•	•	•	•	•	•	•
Man ard pi	EKMBDXB Modbus interface	•	•	•	•	•	•	•	•	•
uilding Standa	DMS502A51 BACnet Interface DMS504B51	•	•	•	•	•	•	•	•	•
Δ.	LonWorks Interface	•	•	•	•	•	•	•	•	•
	Coarse 55% (G4)									
	ePM10 75% (M5)									
	ePM10 70% (M6)			EKAFVJ50F6	EKAFVJ50F6	EKAFVJ65F6	EKAFVJ100F6	EKAFVJ100F6	EKAFVJ100F6 x2	EKAFVJ100F6 x2
S.	ePM1 50% (F7)									
Filters	ePM1 60% (F7)			EKAFVJ50F7	EKAFVJ50F7	EKAFVJ65F7	EKAFVJ100F7	EKAFVJ100F7	EKAFVJ100F7 x2	EKAFVJ100F7 x2
	ePM170% (F8)			EKAFVJ50F8	EKAFVJ50F8	EKAFVJ65F8	EKAFVJ100F8	EKAFVJ100F8	EKAFVJ100F8 x2	EKAFVJ100F8 x2
	ePM1 80% (F9)									
	High efficiency filter									
	Replacement air filter									
Mechanical accessories	Rail									
char	Rectangular to round duct transition									
Me	Separate plenum								EKPLEN200 (5)	EKPLEN200 (5)
CO ₂ senso	r			BRYMA65	BRYMA65	BRYMA65	BRYMA100	BRYMA100	BRYMA200	BRYMA200
Electrical	heater for pre treatment of fresh air	GSIEKA10009	GSIEKA15018	GSIEKA20024	GSIEKA20024	GSIEKA25030	GSIEKA25030	GSIEKA25030	GSIEKA	35530 (6)
DX coil for	r post treatment of fresh air				EKVDX32A	EKVDX50A	EKVDX50A	EKVDX80A	EKVDX100A	EKVDX100A
Silencer (9	900mm depth)									
ies	Wiring adapter for external monitoring/ control (controls 1 entire system)	KRP2A51 (2)	KRP2A51 (2)	KRP2A51 (2)	KRP2A51 (2)	KRP2A51 (2)	KRP2A51 (2)	KRP2A51 (2)	KRP2A51 (2)	KRP2A51 (2)
essor	Adapter PCB for humidifier									
Electrical accessories	Adapter PCB for third party heater	BRP4A50A	BRP4A50A	BRP4A50A (4)	BRP4A50A (4)	BRP4A50A (3/4)	BRP4A50A (4)	BRP4A50A (4)	BRP4A50A (3/4)	BRP4A50A (3/4)
trical	External wired temperature sensor									
Elect	Adapter PCB Mounting plate	EKMP25VAM	EKMP25VAM			EKMP65VAM			EKMI	PVAM
	Installation box for adaptor PCB	KRP1BA101	KRP1BA101	KRP1BA101	KRP1BA101	KRP1BA101	KRP1BA101	KRP1BA101	KRP1BA101	KRP1BA101
Notes										

Notes

- (1) Do not connect the system to DIII-net devices LONWorks interface, BACnet interface, ...; (intelligent Touch Manager, EKMBDXA are allowed)
- (2) Installation box needed
- (3) Adapter PCB mounting plate needed, applicable model can be found in the table above
- (4) 3rd party heater and 3rd party humidifier cannot be combined
- (5) Contains 1 plenum and can be used for half side of the unit (up to 4 plenums can be used on 1 unit)
- (6) Available only with optional plenum
- (7) To be combined with option BRP4A50A using external 230VAC with local supplied circuit breaker (max. 3A)

	Energy recovery ventilation VKM		Air handling unit applications
VKM 50GBM	VKM 80GBM	VKM 100GBM	EKEACB (1)
•	•	•	•
•	•	•	
•	•	•	
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	_		
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•	•	•	
•	•	•	
KAF242H80M	KAF242H100M	KAF242H100M	
KAF241H80M	KAF241H100M	KAF241H100M	
BRYMA65	BRYMA100	BRYMA100	
GSIEKA20024 (7)	GSIEKA20024 (7)	GSIEKA20024 (7)	
BRP4A50A (4)	BRP4A50A (4)	BRP4A50A (4)	
BRP4A50A (4)	BRP4A50A (4)	BRP4A50A (4)	
BRP4A50A (4)	BRP4A50A (4)	BRP4A50A (4)	
			KRCS01-1

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Options - Ventilation

Accessories				ct L Pro					Compact T Pr		
Accessories	ALB02LCM ALB02RCM				ALB06LCM ALB06RCM					ATB06RBM ATB06LBM	
Iso Coarse 55% (G4) Filter	ALF02G4A	ALF03G4A	ALF0	5G4A	ALF0	7G4A	ATF03G4A	ATF04G4A	ATF05G4A	ATF06G4A	ATF07G4A
ePM10 75% (M5) Filter	ALF02M5A	ALF03M5A	ALF0	5M5A	ALF07	7M5A	ATF03M5A	ATF04M5A	ATF05M5A	ATF06M5A	ATF07M5A
ePM1 50% (F7) Filter	ALF02F7A	ALF03F7A	ALFO)5F7A	ALF0	7F7A	ATF03F7A	ATF04F7A	ATF05F7A	ATF06F7A	ATF07F7A
ePM1 80% (F9) Filter	ALF02F9A	ALF03F9A	ALF0	5F9A	ALF0	7F9A	ATF03F9A	ATF04F9A	ATF05F9A	ATF06F9A	ATF07F9A
Sound attenuator	ALS0290A	ALS0390A	ALS0	590A	ALS0	790A	ATS0360A	ATS0460A	ATS0560A	ATS0660A	ATS0760A
Rails for door	ALA02RLA	ALA03RLA	ALAO	5RLA	ALA0	7RLA					
Duct transition	ALA02RCA	ALA03RCA	ALA0	5RCA	ALA0	7RCA					
Flexible joints	ALA02FXB	ALA03FXB	ALAC	5FXB	ALA0	7FXB					
Mixing damper									ATA05MDA	ATA06MDA	ATA07MDA
External damper	ALA02EDA	ALA03EDA	ALA0	5EDA	ALA0	7EDA	ATA03EDA	ATA04EDA	ATA05EDA	ATA06EDA	ATA07EDA
Electric pre heater 1	ALD02HEFA	ALD03HEFA	ALD0	5HEFA	ALD07	7HEFA	ATD03HEFAU	ATD04HEFAU	ATD05HEFAU	ATD06HEFAU	ATD07HEFAU
Electric post heater 1	ALD02HESA	ALD03HESA	ALD0	5HESA	ALD07	7HESA	ATD03HESAU	ATD04HESAU	ATD05HESAU	ATD06HESAU	ATD07HESAU
			ALD05	5CDSA	ALD07	7CDSA	ATD03UDSAR	ATD04UDSAR	ATD05UDSAR	ATD06UDSAR	ATD07UDSAF
DV:12							ATD03UDSAL	ATD04UDSAL	ATD05UDSAL	ATD06UDSAL	ATD07UDSAL
DX coil ²								ATD04UDSBL	ATD05UDSBL	ATD06UDSBL	ATD07UDSBL
								ATD04UDSBR	ATD05UDSBR	ATD06UDSBR	ATD07UDSBR
MATER at 12	AL DOGG:	AL Description		:CINC A		CINC A	ATD03UWSAR	ATD04UWSAR	ATD05UWSAR	ATD06UWSAR	ATD07UWSAF
WATER coil ²	ALD02CWSA	ALD03CWSA	ALD05	5CWSA	ALD07	'CWSA	ATD03UWSAL	ATD04UWSAL	ATD05UWSAL	ATD06UWSAL	ATD07UWSAL
Water pre heating coil	ALD02HWUA	ALD03HWUA	ALD05	iHWUA	ALD07	HWUA	ATD03HWFAU	ATD04HWFAU	ATD05HWFAU	ATD06HWFAU	ATD07HWFAL
							ATD03HWSAR	ATD04HWSAR	ATD05HWSAR	ATD06HWSAR	ATD07HWSAF
Water post heating coil ²	ALD02HWUA	ALD03HWUA	ALD05	HWUA	ALD07	HWUA	ATD03HWSAL	ATD04HWSAL	ATD05HWSAL	ATD06HWSAL	ATD07HWSAL
Droplet Eliminator	ALA02DEA	ALA03DEA	ALA0	5DEA	ALA0	7DEA					
Water valve 2 way cooling/heating	ALV02CW2A	ALV03CW2A	ALV05	CW2A	ALV07	CW2A	ATV03CW2A	ATV04CW2A	ATV05CW2A	ATV06CW2A	ATV07CW2A
Water valve 3 way cooling/heating	ALV02CW3A	ALV03CW3A	ALV05	CW3A	ALV07	CW3A	ATV03CW3A	ATV04CW3A	ATV05CW3A	ATV06CW3A	ATV07CW3A
Valve modulating actuator					-	ATE00AMVA					
Damper modulating actuator						ATE00AMDA					
Digital PCB							ATEOODPUA				
Spring return modulating actuator						AUE00ASUA					
Frost switch			ALE00	OFSUA					ATE00FSUA		
CO ₂ sensor						ALP00COA					
Humidity sensor						ALP00HUA					
Temperature probe						ALP00TEA					
Pressure transducer			AUE00	OPTUA							
Room Interface					ALC	00822A (POL	822)	,			
Commissioning module					ALC	00895A (POL	895)				
Modbus RTU module					ALC	00902A (POL	902)				
Bacnet IP module					ALC	00908A (POL	908)				
Expansion module			ALC0	0955A							
LonWorks Interface											
Intelligent Touch Manager											
Intelligent Tablet Controller											
Intelligent Touch Controller											
Central remote control											
Unified ON/OFF control											
Notes											

⁽¹⁾ For Compact T pro only, both electric heater can be used as pre and post heater

⁽²⁾ For Compact T pro only, sixth digit on main unit material name has to be aligned with last digit of the coil material name (with the exception of the electric heater and water pre heating coil)
ATB0*RBM --> ATB0*UDSAR
ATB0*RBM --> ATB0*UDSAR
ATB0*RBM --> ATB0*UVSAR
ATB0*RBM --> ATB0*UVSAR
ATB0*RBM --> ATB0*UDSAL
ATB0*LBM --> ATB0*UDSAL
ATB0*LBM --> ATB0*UDSAL
ATB0*LBM --> ATB0*UDSAL
ATB0*LBM --> ATB0*UVSAL
ATB0*LBM --> ATB0*UVSAL

⁽³⁾ Please refer to the selection software for more details on accessories and their incompatibilities.

		Compac	t L Smart					Compact T Smar	t	
ALB02LCS ALB02RCS	ALB03LCS ALB03RCS	ALB04LCS ALB04RCS	ALB05LCS ALB05RCS	ALB06LCS ALB06RCS	ALB07LCS ALB07RCS	ATB03RBS ATB03LBS	ATB04RBS ATB04LBS	ATB05RBS ATB05LBS	ATB06RBS ATB06LBS	ATB07RBS ATB07LBS
ALF02G4A	ALF03G4A	ALF0	5G4A	ALFO	7G4A	ATF03G4A	ATF04G4A	ATF05G4A	ATF06G4A	ATF07G4A
ALF02M5A	ALF03M5A	ALF0	5M5A	ALF0	7M5A	ATF03M5A	ATF04M5A	ATF05M5A	ATF06M5A	ATF07M5A
ALF02F7A	ALF03F7A	ALFO)5F7A	ALFO)7F7A	ATF03F7A	ATF04F7A	ATF05F7A	ATF06F7A	ATF07F7A
ALF02F9A	ALF03F9A	ALFO)5F9A	ALFO)7F9A	ATF03F9A	ATF04F9A	ATF05F9A	ATF06F9A	ATF07F9A
ALS0290A	ALS0390A	ALSO)590A	ALSO	790A	ATS0360A	ATS0460A	ATS0560A	ATS0660A	ATS0760A
ALA02RLA	ALA03RLA	ALAC)5RLA	ALAC	D7RLA					
ALA02RCA	ALA03RCA	ALAC	5RCA	ALAC	D7RCA					
ALA02FXB	ALA03FXB	ALAC)5FXB	ALAG	D7FXB					
ALD02HEFB	ALD03HEFB	ALD0	5HEFB	ALD0	7HEFB	ATD03HEFBU	ATD04HEFBU	ATD05HEFBU	ATD06HEFBU	ATD07HEFBU
					BRYMA200					
		BRC	1 301B61 / BRC1H52\	W7 / BRC1H52S7 /	BRC1H52K7 / BRC	1E53A / BRC1E53B	/ BRC1E53C / BRC	 :1D52	<u> </u>	
		5710.		,		32.1, 3.1.2.2330				
					EKMBDXB					
					DMS502A51					
					55 527 151					
					DMS504B51					
					DCM601A51					
					DCC6011A51					
					DCC6011C51					
					DCS302C51					
					DCS301B51					

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Options - Control systems

Individual and centralised controls

	BRC1D*	BRC1E*	BRC1H*	DCS301B51	DST301B51	DCS302C51	DCS601C51
Madoka Assistant app for advanced settings			•				
Electrical box KJB111A	•	•	•				
Electrical box KJB212A(A) (1)	•	•		•	•		
Electrical box KJB311A(A)						•	
Electrical box KJB411AA							•

⁽¹⁾ recommended as wider (more stable mounting)

Intelligent Tablet Controller - DCC601A51

	-	Intelligent Controller
	-	Options for local control
Wired screen for local control	AL-CCD07-VESA-1	•
Commissioning tool		•
Software update tool		•

Standard protocol interfaces - DMS502A51

		BACnet Interface
DIII-net expansion board (2 ports), connects up to 128 additional indoor units	DAM411B51	•
Digital pulse inputs (12) for PPD functionality	DAM412B51	•

Intelligent Chiller Manager

		Intelligent Manager
Differential Pressure Sensor 4-20 mA 0-160 kPa	EKQDP2M016	•
Differential Pressure Sensor 4-20 mA 0-250 kPa	EKQDP2M020	•
Differential Pressure Sensor 4-20 mA 0-400 kPa	EKQDP2M040	•
Differential Pressure Sensor 4-20 mA 0-600 kPa	EKQDP2M060	•
ModBus RTU communication module	EKCM200J	•
BACnet IP communication module	EKCMBACIP	•

Options - Control systems

Intelligent Touch Manager - DCM601B51

		Intelligent Manager
DIII Plus Adaptor - Allows connection of additional 64 indoor units/groups. Only one adaptor can be connected (for more units, use DIII Plus Adaptor Slots)	DGE601A52	•
DIII Plus Adaptor - Allows connection of additional 64 indoor units/groups. Up to 6 Adaptor Slots can be added to a DIII Plus Adaptor	DGE601A53	
iTM plus adapter – Allows connection of an additional 64 indoor units/groups. Up to 7 adapters can be connected	DCM601A52	•
TM PPD software – Allows distribution of used kWh by indoor units connected to the iTM	DCM002A51	•
TM HTTP interface - Allows communication to any third party controller via http interface	DCM007A51	•
TM Energy navigator – Energy management option	DCM008A51	•
TM BACnet Client option – Enables integration of third party devices to the iTM via the BACnet/P protocol. (This is not a gateway and cannot replace DMS502A51)	DCM009A51	•
Property Management System (PMS) interface option - Enables to connect to third party PMS systems	DCM010A51	Oracle Opera PMS

WAGO interface options for intelligent Touch Manager

Required or optional WAGO base modules

<u> </u>			
Module type	Model code	Specifications	
24 V DC power supply	787-712	100 to 240 V AC —> 24 V DC, 2.5 A	Required
Communications unit (Bus coupler)	WGDCMCPLR2	RS-485, Max:115.2kbps, not programmable	Required
Connector (1)	750-960		Required
Terminator module	750-600		Required
Power supply module	750-613	IN: 24 V DC, OUT: 5 V DC	Optional

Supported WAGO I/O modules

I/0 module type	Model code	Specifications	N° of contacts
Di	750-400	No-voltage contact input	2
	750-432	Contact rating: 24 V DC / 4.5 mA"	4
	750-430	No-voltage contact input Contact rating: 24 V DC / 2.8 mA	8
Do	750-513/000-001	No-voltage contact output Contact rating: 230 V AC / 30 V DC, 2 A	2
Do	750-504	No-voltage contact output Contact rating: 24 V DC / 0.5 A	4
	750-454	Rated at 4 to 20 mA: 12-bit resolution	2
Ai	750-455	Rated at 4 to 20 mA: 12-bit resolution	4
AI	750-479	Rated at –10 to 10 V: 13-bit resolution	2
	750-459	Rated at 0 to 10 V: 12-bit resolution	4
	750-554	Rated at 4 to 20 mA: 12-bit resolution	2
A	750-555	Rated at 4 to 20 mA: 12-bit resolution	4
Ao	750-560	Rated at –10 to 10 V: 10-bit resolution	2
	750-559	Rated at 0 to 10 V: 12-bit resolution	4
	750-461/020-000	NTC20K thermistor	2
	750-461	Pt 100/RTD	2
	750-460	Pt 100/RTD	4
Thermistor	750-461/000-003	D+ 1000 /DTD	2
memistor	750-460/000-003	Pt 1000/RTD	4
	50-461/000-004	Ni 100/RTD	2
	750-461/000-005	Ni1000 TK6180/RTD	2
	750-460/000-005	INITUOU TROISU/KTD	4
Pi	750-638	Minimum pulse width: 1 ms	2

⁽¹⁾ This connector must be attached to a communications unit that is connected to the RS485 port (2-pin) of the iTM unit. (2) To connect intelligent Touch Manager to the Daikin Cloud Service, the IoT gateway (EU.SB.5000072) and AC/DC converter (999175A) is needed.

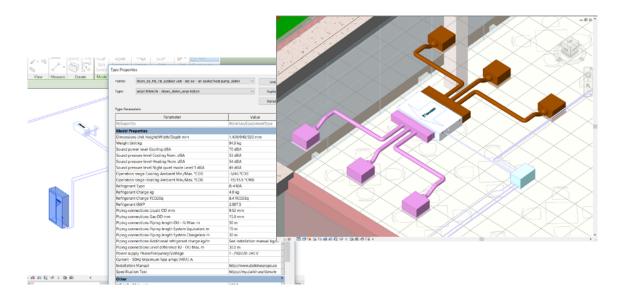
We're here to help you! Online and offline

Online and offline VRV selection software



Business portal via mobile or desktop

my.daikin.eu



Full BIM object library available

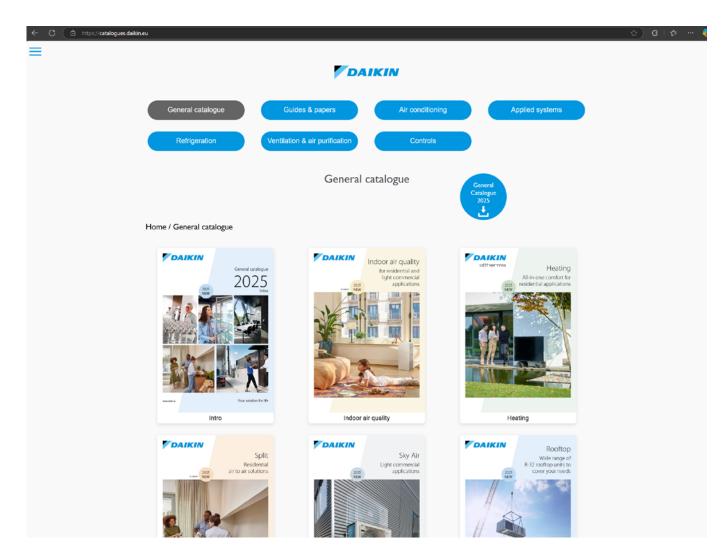
bim.daikin.eu

Tools

& platforms

Supporting tools, software and apps 164 30 years of history 168

All our commercial catalogues in one spot! catalogues.daikin.eu



Supporting tools, software and apps

www.daikineurope.com/ support-and-manuals/ software-downloads

Web based Xpress selection software

Making selection easy, anytime, anywhere

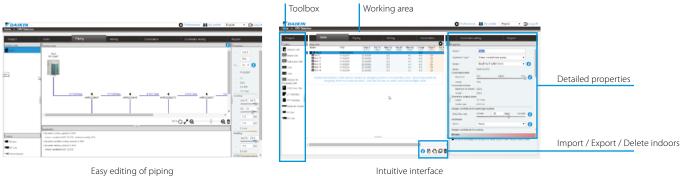
- Web & cloudbased, access to your projects from anywhere, anyplace...
- Platform (Windows, Mac, ...) and hardware (laptop, desktop, tablet)
- Re-engineered GUI for maximum easy of use
- No need to do local installation

- No tool updates required (always latest version available)
- Possibility to copy / share projects



Easy selection, anytime, anywhere

Main functions



Intuitive interface



Clear wiring overview, easy to make control groups

Clear overview of control groups and central controls

Integrated features

2D floorplan

How does it work?

- 1 Import 2D floorplan
- 2 Define reference point & scale
- 3 Position units
- 4 Draw pipes
- → Pipe lengths and heights are automatically determined!
- Accurate pipe design
- Work faster
- Easy compliance check

FORMS

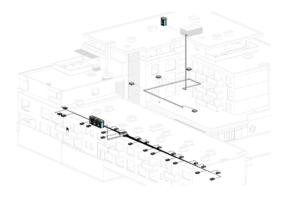
STORY

S

REVIT import

How does it work?

- 1 Design your building/rooms in revit
- 2 Define loads (optional)
- 3 Place Daikin BIM objects & Draw pipes
- 4 Export to Xpress
- 5 Xpress calculates
- Model selection
- Pipe diameters
- and validates selection



VRV Xpress integrates seamlessly with our ventilation selection softwares

Ventilation Xpress

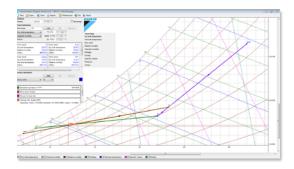
Selection tool for ventilation devices (VAM, VKM). The selection is based on given supply/extract airflows (including fresh up and given ESP of supply/extract ducting:

- Determines size of electrical heaters
- Visualisation of psychrometric chart
- Visualisation of selected configuration
- Required field settings mentioned in the report

Webbased ASTRA selection for air handling units

A powerful tool to select the right Air Handling Units for your needs.

- 3D interface
- quick selection procedures
- new print-out possibilities and report shapes





Plugins and third-party software tools

Building Information Modelling (BIM) support

- BIM improves efficiency of design and build phase
- Daikin is among the first to supply a full library of BIM objects for its VRV products



www.daikin.eu/bim

Energy simulation and design aid tools

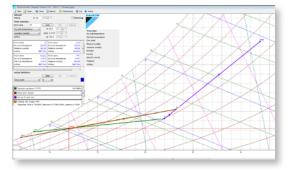
Seasonal simulator

- The Seasonal Simulator is an innovative software tool that calculates and compares potential seasonal efficiency ratings.
- This user-friendly tool compares various Daikin systems, annual power consumption, CO₂ emissions, and much more, to present an accurate ROI calculation in a matter of minutes.



NEW Psychrometrics diagram

- The Psychrometrics Diagram Viewer demonstrates the changing properties of moist air.
- With this tool, users can choose two points with specific conditions, plot them on the diagram and select actions to change the conditions, i.e. heat, cool and mix air.



Software service tools

Error code app

Quickly know the meaning of fault codes, for each product family and the potential cause

D-Checker

D-checker is a software application used to record and monitor operation data of Daikin applied, split, Multi-split, Sky-air units, Daikin Altherma LT, ground source heat pump, Hybrid, ZEAS, Conveni-pack & R410A Booster unit

NEW Bluetooth adaptor

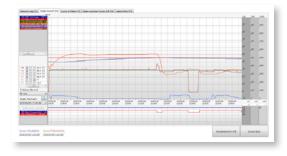
Monitoring of Split, Sky Air and VRV data via any bluetooth device

- No need to access the outdoor unit
 - Connects with D-Checker software (for laptops)
 - Connects with monitoring app (for tablets or smartphones)

VRV Service-Checker

- Connected via F1/F2 bus to check multiple systems at the same time
- Connection of external pressure sensors possible





Diagnosis of the Bluetooth system possible:



Online support

Business portal

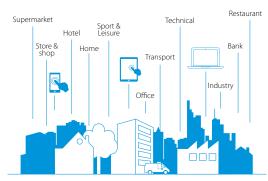
- Experience our new extranet that thinks with you at my.daikin.eu
- Find information in seconds via a powerful search
- Customise the options so you see only info relevant for you
- Access via mobile device or desktop

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Internet

Find our solution for different applications:



- Get more commercial details on our flagship products via our dedicated minisites
- See our references



Hotel Porta Fira

www.daikineurope.com/references

Over 30 years of VRV History



1987

Introduction the original VRV air conditioning system to Europe, invented by Daikin

in 1982

• Up to 6 indoor units



1998

Launch inverter series with R-407C

 Up to 16 indoor units connected to 1 outdoor



2004

Expand to light commercial sector with

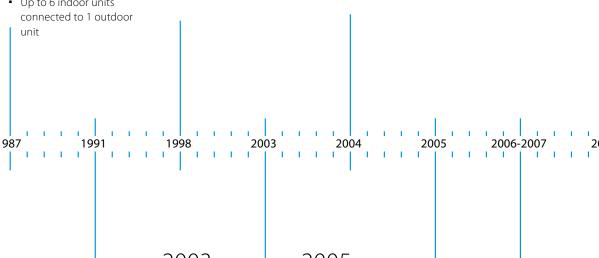
- Available in 4, 5, 6HP capacities
- 1 system can be installed in up to 9 rooms



2008

Launch of heat pump optimised for heating (VRV III-C)

- Extended operation down to -25C
- 2-stage compressor systems



1991

Introduce VRV heat recovery

• Simultaneous cooling and heating



2003

Introduce VRVII-- the first R-410A VRF system

- Available in cooling, heat pump and heat recovery
- 40 units connected to single refrigerant circuit

R-410A



2005

Extends VRVII inverter range with water cooled **VRV-WIII**

 Available in heat pump and heat recovery



2006-2007

Launch the extensively re-engineered VRVIII

- Available in cooling, heat pump and heat recovery
- Automatic charging and testing
- Up to 64 units connected to 1 system



2010

Launch of replacement VRV (VRVIII-Q)

 Upgrade to replace older VRV units using R-22 refrigerant











2015

Launch of VRV IV S-series

- Most compact unit in the market
- Widest range in the market

2011

Launch total solution concept

- Integrate hot water production and Biddle air curtains into VRV system
- Connectable to Daikin Emura and Nexura
- 400,000 outdoors units sold
- 2.2 million indoor units sold

2015

Launch of VRV IV i-series

- The invisible VRV
- Unique product concept



2019

BLUEVOLUTION R-32



2020

2020

VRV 5 S-series

- Completely redesign unit for R-32 refrigerant
- Easier to handle and more flexible to install then ever!

2022

BLUEVOLUTION R-32



2024

VRV 5 Heat Pump

- Widest R-32 commercial heat pump range in the market
- Offering total solution incl. ventilation and controls

2012-2014

Setting new standards with the launch of VRV IV

2015

- 28% improved seasonal efficiency
- Continuous heating on heat
- Available in heat pump, heat recovery, water-cooled and replacement series





2019

Launch of L∞P by Daikin

- Re-use of existing refrigerant
- Creating a circular economy of refrigerants



Launch of VRV IV+ series

- New compressor for increased seasonal efficiency
- Available in heat recovery, heat pump, optimised for heating and water-cooled versions

2022

VRV 5 Heat Recovery

- Our sustainability hero
- · Completely redesigned for R-32 refrigerant

BLUEVOLUTION

R-32



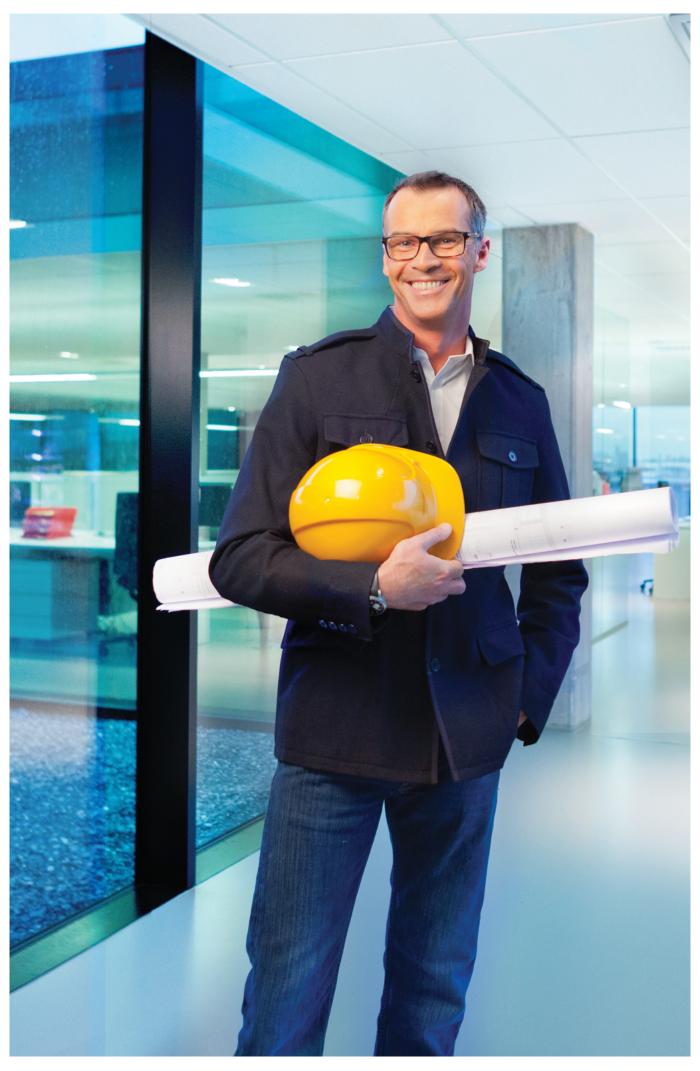
2025

CO₂ VRV Heat Pump

- Using HFC free refrigerant CO₃ (R-744)
- To tackle projects requesting so-called natural refrigerants

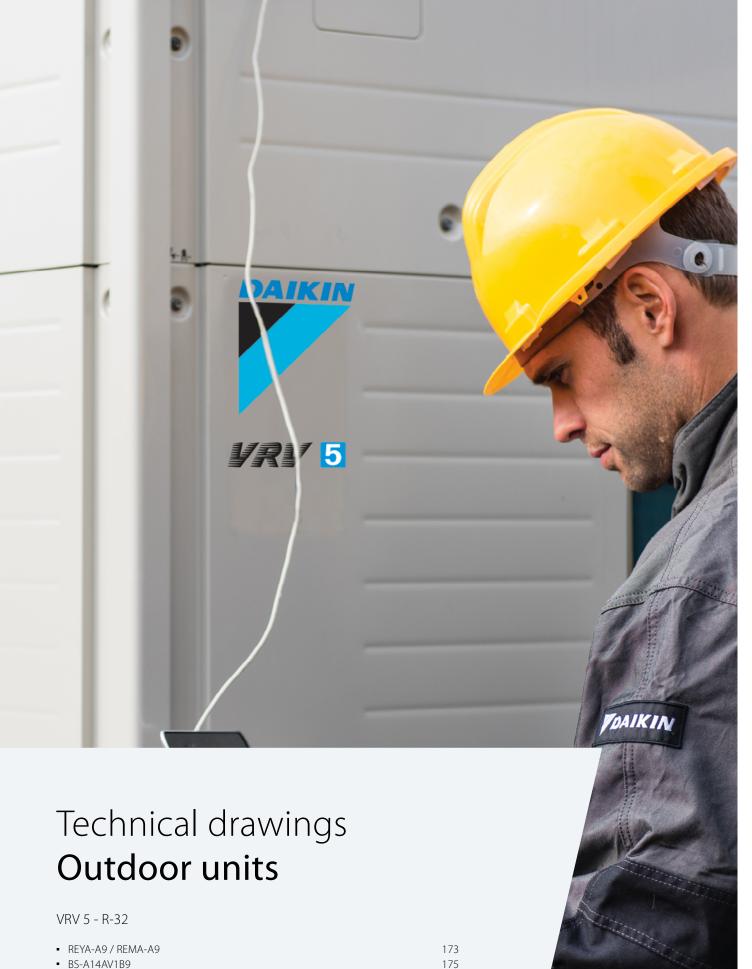
R-744





Technical drawings

Outdoor units	172
Indoor units	189
Biddle air curtains	225
Ventilation	228

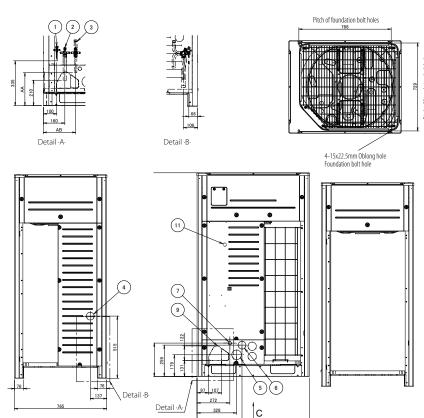


CO₂ VRV - R-744

• RXYN-B 188

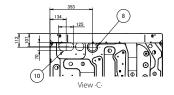


REYA8-12A9 / REMA5A9



373

Model	AA	AB
RYYQ8-12U, RXYQ8-12U, RXYQQ8-12U,RXYTQ8U	-	-
REMQ5U,RYMQ8-12U,REYQ8-12U, REMA5A9,REYA8A9-12A9	240	240



- 1. Detail ·A· and detail ·B· indicate the dimensions after fixing the attached piping.
- Items -4 10: Knockout hole.

3. Gas pipe
REMA5A9, REYA8-10A9, RYYQ8U, RYMQ8U,
RXYQ8U, RXYQQ8U, RXYTQ8U
REYA12A9, RYYQ10U, RYMQ10U, RXYQ10U,

RXYQQ10U REMQ5U, REYQ8-12U RYYQ12U, RYMQ12U, RXYQ12U, RXYQQ12U

Liquid pipe REMA5A9, REYA8-10A9, RYYQ8-10U, RYMQ8-10U, RXYQ8-10U, RXYQQ8-10U, REMQ5U, REYQ8-12U, RXYTQ8U REYA12A9, RYYQ12U, RYMQ12U, RXYQ12U, RXYQ12U

Equalising pipe RYMQ8-10U

RYMQ12U

High pressure/low pressure gas pipe

REMA5A9, REYA8-10A9 REYA12A9, REMQ5U, REYQ8-12U

: Ø ·19.1· brazing connection

: Ø -22.2- brazing connection

: Ø ·25.4· brazing connection : Ø ·28.6· brazing connection

: Ø -9.5- brazing connection

: Ø \cdot 12.7 \cdot brazing connection

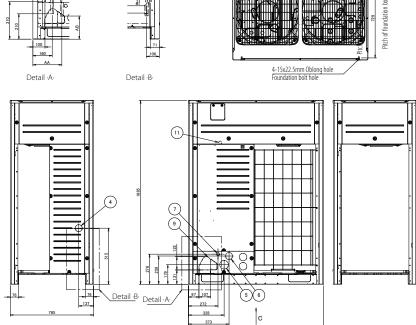
: Ø ·19.1· brazing connection : Ø ·22.2· brazing connection

: Ø ·15.9· brazing connection : Ø ·19.1· brazing connection

No.	Parts name	Remarks
1	Liquid pipe connection port	See note ·3·.
2	Gas pipe connection port	See note ·3·.
3	Equalising pipe connection port High pressure/low pressure gas pipe	See note ·3·.
4	Power cord routing hole (side)	Ø 65
5	Power cord routing hole (front)	Ø 80
6	Power cord routing hole (front)	Ø 65
7	Power cord routing hole (front)	Ø 27
8	Power cord routing hole (bottom)	Ø 65
9	Pipe routing hole (front)	
10	Pipe routing hole (bottom)	
11	Grounding terminal	Inside of the switch box (-M8-)

2D119001C

REYA14-20A9



Pitch of foundation bolt holes	RXYQ14-20U, RYYQ14-20U, RXYQQ14-20U, RXYTQ10-16 RYMQ14-16U, REYQ14-20U, REYA14-20A9 RYMQ18-20U
Pic.	Pirch of foundation but holes

Model

NOTES

- 1. Detail ·A· and detail ·B· indicate the dimensions after fixing the attached piping.
 2. Items. 4 10: Knockout hole.
 3. **Gas pipe**REVAI4-I8A9, RXYTQ10U : Ø -22.2· brazing connection

REYO14-20U	
RE1Q14-200	

: © 25.4 brazing connection
REYA20A, RYYQ14-20U, RYMQ14-20U, RXYQ14- : Ø 28.6- brazing connection
20U, RXYQQ14-20U, RXYTQ12-16U

Liquid pipe

RXYTQ10U REYA14-20A9, RYYQ14-16U, RYMQ14-16U, RXYQ14-16U, RXYQQ14-16U, REYQ14-20U, RXYTQ12-16U

RYYQ18-20U, RYMQ18-20U, RXYQ18-20U, RXYQ018-20U

Equalising pipe

REYA14-18A9, REYQ14-20U REYA20A9

High pressure/low pressure gas pip

í,		Ø ·9.5· brazing connection Ø ·12.7· brazing connection
	:	Ø ·15.9· brazing connection
e	:	Ø ·22.2· brazing connection Ø ·28.6· brazing connection Ø ·19.1· brazing connection Ø ·22.2· brazing connection
		Remarks
		See note ·3·.
		See note ·3·.
		See note ·3·.

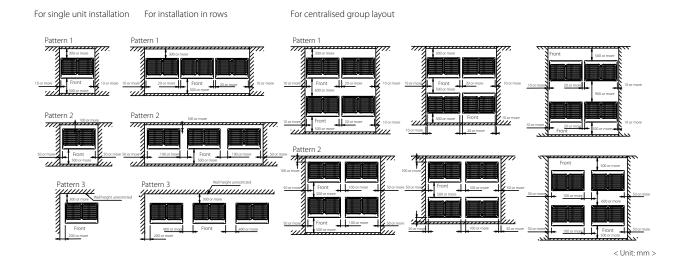
: Ø ·22.2· brazing connection : Ø ·25.4· brazing connection

No.	Parts name	Remarks
1	Liquid pipe connection port	See note ·3·.
	Gas pipe connection port	See note ·3·.
	Equalising pipe connection port	See note ·3·.
	High pressure/low pressure gas pipe	
4	Power cord routing hole (side)	Ø 65
5	Power cord routing hole (front)	Ø 80
6	Power cord routing hole (front)	Ø 65
7	Power cord routing hole (front)	Ø 27
8	Power cord routing hole (bottom)	Ø 65
9	Pipe routing hole (front)	
10	Pipe routing hole (bottom)	
11	Grounding terminal	Inside of the switch box (·M8·)

2D119091C



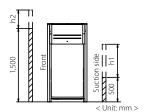
REYA-A9 / REMA-A9



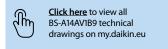
NOTES

- Height of the walls in case of patterns 1 and 2: Front: 1,500mm
 Suction side: 500mm

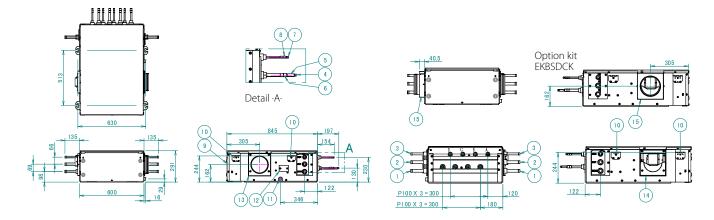
Suction side: 500mm
Side: height unrestricted
The installation space shown on this drawing is based on cooling operation at 35°C (outdoor temperature).
When the design outdoor ambient temperature exceeds 35°C or the load exceeds maximum ability of much generation load of heat in all outdoor unit, make sure the suction-side space is broader than the space shown on this drawing.
2. If the walls are higher than mentioned above, then additional service space is needed:
- suction side: service space + h1/2
- front side: service space + h2/2
3. When installing the units, select the pattern that best fits the available space.
Always keep in mind to leave sufficient space for a person to pass between unit and wall and for the air to circulate freely.
Provide sufficient space at the front to connect refrigerant piping (comfortably).
4. If more units are to be installed than are catered for in the above patterns, your layout should take into account of the possibility of short circuits.



3D118467A



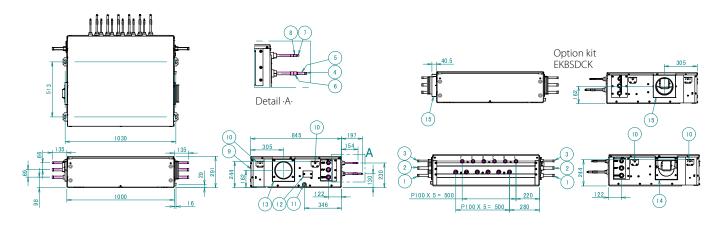
BS4A14AV1B9



Item	Name	Description
1	Outdoor unit suction gas pipe connection port	Ø ·22.2· brazing connection
2	Outdoor unit HP/LP gas pipe connection port	Ø ·22.2· brazing connection
3	Outdoor unit liquid pipe connection port	Ø ·15.9· brazing connection
4	Indoor unit gas pipe connection port	Ø ·9.52· brazing connection
5	Indoor unit gas pipe connection port	Ø ·12.7· brazing connection
6	Indoor unit gas pipe connection port	Ø ·15.9· brazing connection
7	Indoor unit liquid pipe connection port	Ø ·6.35· brazing connection
8	Indoor unit liquid pipe connection port	Ø ·9.52· brazing connection
9	Control box	
10	Suspension bracket	M8~M10
11	Drain socket	VP20 (OD Ø26, ID Ø20)
12	Inspection hole	
13	Duct connection	Diameter ·Ø160·
14	Damper	
15	Duct connection kit	Diameter ∙Ø160∙

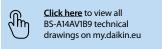
3D139835

BS6A14AV1B9

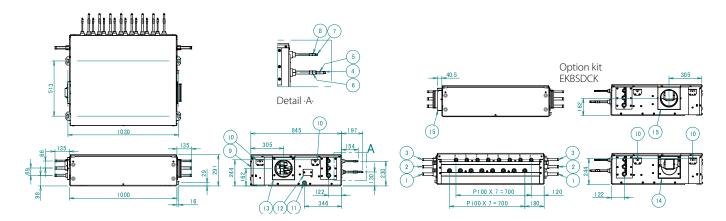


Item	Name	Description
1	Outdoor unit suction gas pipe connection port	Ø ·22.2· brazing connection
2	Outdoor unit HP/LP gas pipe connection port	Ø ·22.2· brazing connection
3	Outdoor unit liquid pipe connection port	Ø ·15.9· brazing connection
4	Indoor unit gas pipe connection port	Ø ·9.52· brazing connection
5	Indoor unit gas pipe connection port	Ø ·12.7· brazing connection
6	Indoor unit gas pipe connection port	Ø ·15.9· brazing connection
7	Indoor unit liquid pipe connection port	Ø ·6.35· brazing connection
8	Indoor unit liquid pipe connection port	Ø ·9.52· brazing connection
9	Control box	
10	Suspension bracket	M8~M10
11	Drain socket	VP20 (OD Ø26, ID Ø20)
12	Inspection hole	
13	Duct connection	Diameter ·Ø160·
14	Damper	
15	Duct connection kit	Diameter ·Ø160·

175



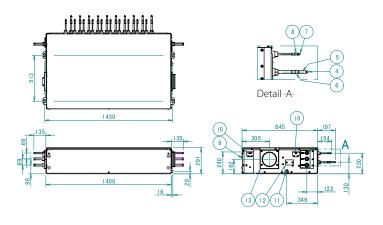
BS8A14AV1B9



Item	Name	Description
1	Outdoor unit suction gas pipe connection port	Ø ·22.2· brazing connection
2	Outdoor unit HP/LP gas pipe connection port	Ø ·22.2· brazing connection
3	Outdoor unit liquid pipe connection port	Ø ·15.9· brazing connection
4	Indoor unit gas pipe connection port	Ø ·9.52· brazing connection
5	Indoor unit gas pipe connection port	Ø ·12.7· brazing connection
6	Indoor unit gas pipe connection port	Ø ·15.9· brazing connection
7	Indoor unit liquid pipe connection port	Ø ·6.35· brazing connection
8	Indoor unit liquid pipe connection port	Ø ·9.52· brazing connection
9	Control box	
10	Suspension bracket	M8~M10
11	Drain socket	VP20 (OD Ø26, ID Ø20)
12	Inspection hole	
13	Duct connection	Diameter ·Ø160·
14	Damper	
15	Duct connection kit	Diameter ·Ø160·

3D139837

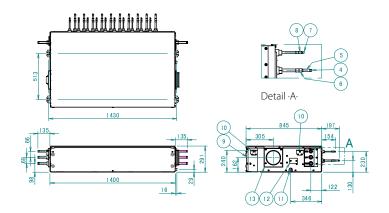
BS10A14AV1B9

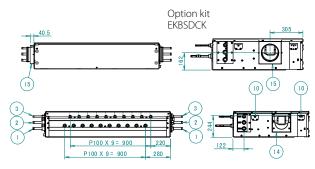


40.5	Option kit EKBSDCK	1
1		
15	15 (1	10
3 2	P100 X 9 = 900 280 280 14	

Item	Name	Description
1	Outdoor unit suction gas pipe connection port	Ø ·22.2· brazing connection
2	Outdoor unit HP/LP gas pipe connection port	Ø ·22.2· brazing connection
3	Outdoor unit liquid pipe connection port	Ø ·15.9· brazing connection
4	Indoor unit gas pipe connection port	Ø ·9.52· brazing connection
5	Indoor unit gas pipe connection port	Ø ·12.7· brazing connection
6	Indoor unit gas pipe connection port	Ø ·15.9· brazing connection
7	Indoor unit liquid pipe connection port	Ø ·6.35· brazing connection
8	Indoor unit liquid pipe connection port	Ø ·9.52· brazing connection
9	Control box	
10	Suspension bracket	M8~M10
11	Drain socket	VP20 (OD Ø26, ID Ø20)
12	Inspection hole	
13	Duct connection	Diameter ∙Ø160∙
14	Damper	
15	Duct connection kit	Diameter ·Ø160·

BS4A14AV1B9



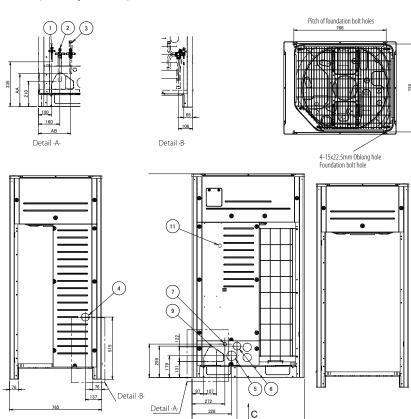


	T	To
Item	Name	Description
1	Outdoor unit suction gas pipe connection port	Ø ·22.2· brazing connection
2	Outdoor unit HP/LP gas pipe connection port	Ø ·22.2· brazing connection
3	Outdoor unit liquid pipe connection port	Ø ·15.9· brazing connection
4	Indoor unit gas pipe connection port	Ø ·9.52· brazing connection
5	Indoor unit gas pipe connection port	Ø ·12.7· brazing connection
6	Indoor unit gas pipe connection port	Ø ·15.9· brazing connection
7	Indoor unit liquid pipe connection port	Ø ·6.35· brazing connection
8	Indoor unit liquid pipe connection port	Ø ·9.52· brazing connection
9	Control box	
10	Suspension bracket	M8~M10
11	Drain socket	VP20 (OD Ø26, ID Ø20)
12	Inspection hole	
13	Duct connection	Diameter ·Ø160·
14	Damper	
15	Duct connection kit	Diameter ·Ø160·

3D139838



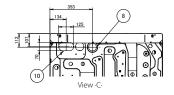
RXYA8-12A / RXYM5A



373

Pitch of foundation bolt holes

Model	AA	AB
RYYQ8-12U, RXYQ8-12U, RXYQQ8-12U,RXYTQ8U	-	-
REMQ5U,RYMQ8-12U,REYQ8-12U, REMA5A,REYA8A-12A	240	240



1. Detail ·A· and detail ·B· indicate the dimensions after fixing the attached piping.

Items -4 - 10: Knockout hole. 3. Gas pipe

REMA5A, REYA8-10A, RYYQBU, RYMQBU, RXYQBU, RXYQQBU, RXYTQBU REYA12A, RYYQ10U, RYMQ10U, RXYQ10U,

RXYOO10U

REMQ5U, REYQ8-12U RYYQ12U, RYMQ12U, RXYQ12U, RXYQQ12U

Liquid pipe
REMA5A, REYA8-10A, RYYQ8-10U, RYMQ8-10U, : Ø -9.5- brazing connection
RXYQ8-10U, RXYQQ8-10U, REMQ5U, REYQ8-12U, RXYTQ8U

REYA12A, RYYQ12U, RYMQ12U, RXYQ12U, RXYQ012U, Equalising pipe

RYMO8-10U RYMQ12U High pressure/low pressure gas pipe

REMA5A, REYA8-10A REYA12A, REMQ5U, REYQ8-12U

: Ø ·19.1· brazing connection : Ø ·22.2· brazing connection : Ø ·15.9· brazing connection : Ø ·19.1· brazing connection

: Ø ·19.1· brazing connection : Ø -22.2- brazing connection

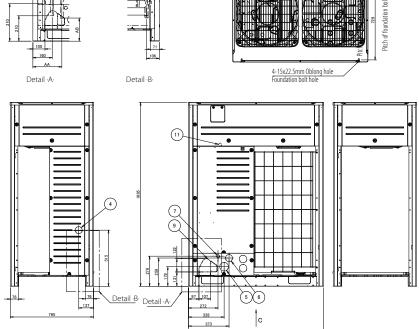
: Ø ·25.4· brazing connection : Ø ·28.6· brazing connection

: Ø ·12.7· brazing connection

No. Parts name Remarks Liquid pipe connection port
 Gas pipe connection port See note ·3 See note ·3 Equalising pipe connection port High pressure/low pressure gas pipe See note -3-Ø 65 Power cord routing hole (side) Power cord routing hole (front) Ø 80 Power cord routing hole (front) ower cord routing hole (front 8 Power cord routing hole (bottom Ø 65 Pipe routing hole (front)
Pipe routing hole (bottom) 11 Grounding terminal Inside of the switch box (-M8-)

2D119001C

RXYA14-20A



AB
-
240
192

View ·C·

NOTES

1. Detail -A- and detail -B- indicate the dimensions after fixing the attached piping.
2. Items -4 - 10: Knockout hole.
3. **Gas pipe**REYA14-18A, RXYTQ10U
:Ø-22.2· brazing connection
REYQ14-20U
:Ø-25.4· brazing connection

REYA20A, RYYQ14-20U, RYMQ14-20U, RXYQ14- : Ø ·28.6- brazing connection 20U, RXYQQ14-20U, RXYTQ12-16U Liquid pipe

RXYTO10U REYA14-20A, RYYQ14-16U, RYMQ14-16U, RXYQ14-16U, RXYQ14-16U, REYQ14-20U, RXYTQ12-16U

RYYQ18-20U, RYMQ18-20U, RXYQ18-20U, RXYQQ18-20U Equalising pipe

High pressure/low pressure gas pipe REYA14-18A, REYQ14-20U REYA20A

: Ø \cdot 22.2 \cdot brazing connection : Ø \cdot 28.6 \cdot brazing connection :Ø·19.1· brazing connection :Ø·22.2· brazing connection

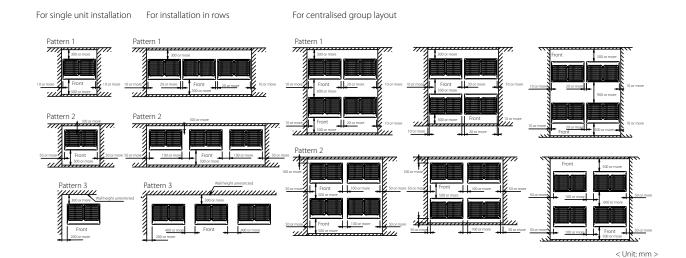
: Ø ·9.5· brazing connection

:Ø ·12.7· brazing connection

: Ø ·15.9· brazing connection

No.	Parts name	Remarks
1	Liquid pipe connection port	See note ·3·.
	Gas pipe connection port	See note ·3·.
3	Equalising pipe connection port	See note ·3·.
	High pressure/low pressure gas pipe	
4	Power cord routing hole (side)	Ø 65
5	Power cord routing hole (front)	Ø 80
6	Power cord routing hole (front)	Ø 65
7	Power cord routing hole (front)	Ø 27
8	Power cord routing hole (bottom)	Ø 65
9	Pipe routing hole (front)	
10	Pipe routing hole (bottom)	
11	Grounding terminal	Incide of the switch boy (M9)

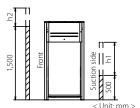
RXYA-A / RXYM5A



NOTES

Height of the walls in case of patterns 1 and 2: Front: 1,500mm
 Suction side: 500mm

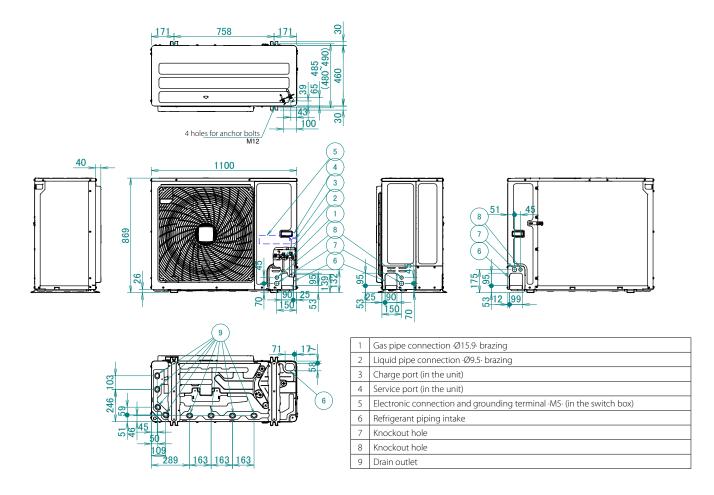
Suction side: 500mm
Side: height unrestricted
The installation space shown on this drawing is based on cooling operation at 35°C (outdoor temperature).
When the design outdoor ambient temperature exceeds 35°C or the load exceeds maximum ability of much generation load of heat in all outdoor unit, make sure the suction-side space is broader than the space shown on this drawing.
2. If the walls are higher than mentioned above, then additional service space is needed:
- suction side: service space + h1/2
- front side: service space + h2/2
3. When installing the units, select the pattern that best fits the available space.
Always keep in mind to leave sufficient space for a person to pass between unit and wall and for the air to circulate freely.
Provide sufficient space at the front to connect refrigerant piping (comfortably).
4. If more units are to be installed than are catered for in the above patterns, your layout should take into account of the possibility of short circuits.



3D118467A



RXYSA-AV1/AY1



3D127871A



RXYSA-AV1/AY1

Single unit () | Single row of units (

Suction side

In the illustration below, the service space at the suction side is based on 35°C DB and cooling operation. Foresee more space in the following cases:

- When the suction side temperature regularly exceeds this temperature.
- When the heat load of the outdoor units is expected to regularly exceed the maximum operating capacity.

Discharge side

Take refrigerant piping work into account when positioning the units. If your lay out does not match with any of the layouts below, contact your dealer.

Single unit () | Single row of units ()

single and () single for				弄							
	A~E	۱ ,	Hb Hd Hu				(mm)	,			
	,, L	· ·		a	b	С	d	е	e _B	e⊳	
	В		-		≥ 100						_
	A,B,C		-	≥ 100(1)	≥ 100	≥ 100					
	B,E		-		≥ 100			≥ 1,000		≤500	
e _B	A,B,C,E		-	≥ 150(1)	≥ 150	≥ 150		≥ 1,000		≤500	
e _D	D		-				≥ 500				
	D,E		-				≥ 500	≥ 1,000	≤500		_
	B,D		Hd>Hu		≥ 100		≥ 500				_
	0,0		Hd≤Hu		≥ 100		≥ 500				
			Hb≤½Hu		≥ 250		≥ 750	≥ 1,000	≤500		
		Hd>Hu	½Hu>Hb≤Hu		≥ 250		≥ 1,000	≥ 1,000	≤500		
H _D CH D	D.D.E		Hb>Hu				0				
	B,D,E		Hd≤½Hu		≥ 100		≥ 1,000	≥ 1,000		≤500	1
d a p		Hd≤Hu	½Hu <hd≤hu< td=""><td></td><td>≥ 200</td><td></td><td>≥ 1,000</td><td>≥ 1,000</td><td></td><td>≤500</td><td></td></hd≤hu<>		≥ 200		≥ 1,000	≥ 1,000		≤500	
			Hd>Hu				0				
	A,B,C		-	≥ 200(1)	≥ 300	≥ 1,000					1
	A,B,C,E		-	≥ 200(1)	≥ 300	≥ 1,000		≥ 1,000		≤500	1
Δ	D		-			Ì	≥ 1,000				1
	D,E		-			Ì	≥ 1,000	≥ 1,000	≤500		1
l e _n			Hd>Hu		≥ 300		≥ 1,000				1
	B,D	I I al al I a	Hd≤½Hu		≥ 250		≥ 1,500				1
		Hd≤Hu	½Hu <hd≤hu< td=""><td></td><td>≥ 300</td><td></td><td>≥ 1,500</td><td></td><td></td><td></td><td></td></hd≤hu<>		≥ 300		≥ 1,500				
e e			Hb≤½Hu		≥ 300		≥ 1,000	≥ 1,000	≤500		
		Hd>Hu	½Hu <hb≤hu< td=""><td></td><td>≥ 300</td><td></td><td>≥ 1,250</td><td>≥ 1,000</td><td>≤500</td><td></td><td></td></hb≤hu<>		≥ 300		≥ 1,250	≥ 1,000	≤500		
2100(1) UR			Hb>Hu				0				
H _B	D.D.E.		Hd≤½Hu		≥ 250		≥ 1,500	≥ 1,000		≤500]
	B,D,E		½Hu <hd≤hu< td=""><td></td><td>≥ 300</td><td></td><td>≥ 1,500</td><td>≥ 1,000</td><td></td><td>≤500</td><td>1+2</td></hd≤hu<>		≥ 300		≥ 1,500	≥ 1,000		≤500	1+2
a la		Hd≤Hu	Hd>Hu				0				

(1) For better serviceability, use a distance ≥250 mm

A,B,C,D Obstacles (walls/baffle plates)

E Obstacle (roof)

a,b,c,d,e Minimum service space between the unit and obstacles A, B, C, D and E

 e_B Maximum distance between the unit and the edge of obstacle E, in the direction of obstacle B e_D Maximum distance between the unit and the edge of obstacle E, in the direction of obstacle D

Hu Height of the unit

Hb,Hd Height of obstacles B and D

1 Seal the bottom of the installation frame to prevent discharged air from flowing back to the suction

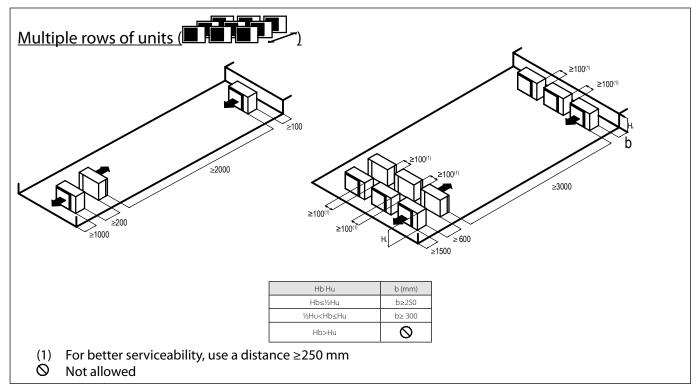
side through the bottom of the unit.

2 Maximum two units can be installed.

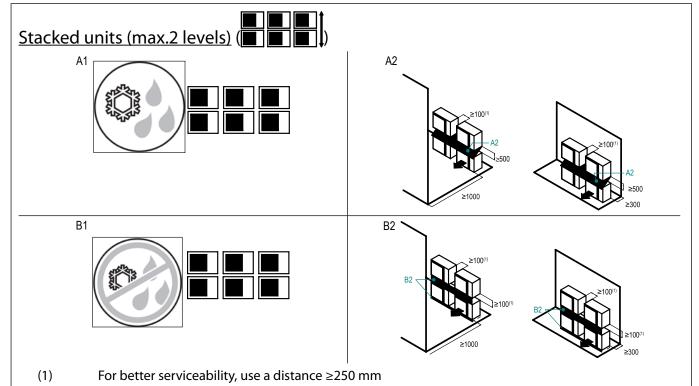


RXYSA-AV1/AY1







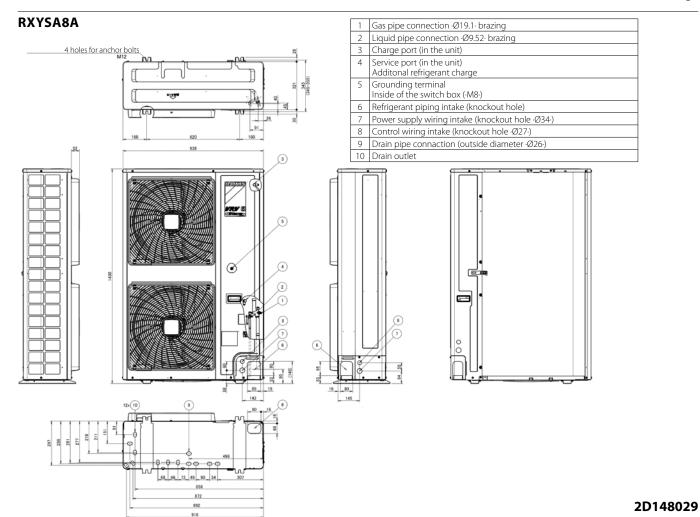


A1=>A2 (A1) If there is danger of drainage dripping and freezing between the upper and lower units...

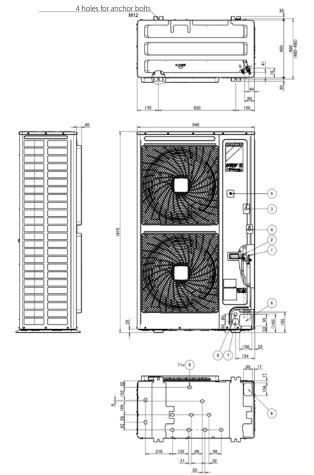
(A2) Then install a roof between the upper and lower units. Install the upper unit high enough above the lower unit to prevent ice buildup at the upper unit's bottom plate.

B1=>B2 (B1) If there is no danger of drainage dripping and freezing between the upper and lower units... (B2) Then it is not required to install a roof, but seal the gap between the upper and lower units to prevent discharged air from flowing back to the suction side through the bottom of the unit.

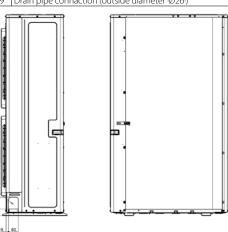








1	RXYSA10AMY1B: Gas pipe connection ·Ø19.1· brazing RXYSA12AMY1B: Gas pipe connection ·Ø22.2· brazing
2	Liquid pipe connection ·Ø12.7· brazing
3	Service port (in the unit)
4	Service port (in the unit) Additonal refrigerant charge
5	Grounding terminal Inside of the switch box (·M8·)
6	Refrigerant piping intake (knockout hole)
7	Power supply wiring intake (knockout hole ·Ø53·)
8	Control wiring intake (knockout hole ·Ø27·)
9	Drain pipe connaction (outside diameter ·Ø26·)



RXYSA-A



Suction side

In the illustration below, the service space at the suction side is based on 35°C DB and cooling operation. Foresee more space in the following cases:

- When the suction side temperature regularly exceeds this temperature.
- When the heat load of the outdoor units is expected to regularly exceed the maximum operating capacity.

Discharge side

Take refrigerant piping work into account when positioning the units. If your lay out does not match with any of the layouts below, contact your dealer.

Single unit () | Single row of units ()

-				-							
	A~E		Hb Hd Hu	(mm)				4			
	A-L	'	ibilatia	a	b	С	d	e	e _B	e _D	
	В		-		≥ 100						
	A,B,C		-	≥ 100(1)	≥ 100	≥ 100]
	B,E		-		≥ 100			≥ 1,000		≤500	1
ALIBA III	A,B,C,E		=	≥ 150(1)	≥ 150	≥ 150		≥ 1,000		≤500	1
	D		=				≥ 500]
	D,E		-				≥ 1,000	≥ 1,000	≤500]
	B,D		=		≥ 100		≥ 1,000]
			Hb≤½Hu		≥ 250		≥ 1,000	≥ 1,000	≤500		
b MH²		Hb>Hd	½Hu <hb≤hu< td=""><td></td><td>≥ 250</td><td></td><td>≥ 1,250</td><td>≥ 1,000</td><td>≤500</td><td></td><td></td></hb≤hu<>		≥ 250		≥ 1,250	≥ 1,000	≤500		
	B,D,E		Hb>Hu				0				
			Hd≤½Hu		≥ 100		≥ 1,000	≥ 1,000		≤500	
М н.		Hb≤Hd	½Hu <hd≤hu< td=""><td></td><td>≥ 200</td><td></td><td>≥ 1,000</td><td>≥ 1,000</td><td></td><td>≤500</td></hd≤hu<>		≥ 200		≥ 1,000	≥ 1,000		≤500	
			Hd>Hu		≥ 200		≥ 1,700	≥ 1,000		≤500	
	A,B,C		-	≥ 200(1)	≥ 300	≥ 1,000					
	A,B,C,E		-	≥ 200(1)	≥ 300	≥ 1,000		≥ 1,000		≤500	
	D		-				≥ 1,000				
	D,E		=				≥ 1,000	≥ 1,000	≤500		
A PART			Hd>Hu		≥ 300		≥ 1,000				
	B,D	-	Hd≤½Hu		≥ 250		≥ 1,500				
2100		1/2⊦	Hu <hd≤hu< td=""><td></td><td>≥ 300</td><td></td><td>≥ 1,500</td><td></td><td></td><td></td><td></td></hd≤hu<>		≥ 300		≥ 1,500				
2,000			Hb≤½Hu		≥ 300		≥ 1,000	≥ 1,000	≤500		
H.		Hb>Hd	½Hu <hb≤hu< td=""><td></td><td>≥ 300</td><td></td><td>≥ 1,250</td><td>≥ 1,000</td><td>≤500</td><td></td><td>] </td></hb≤hu<>		≥ 300		≥ 1,250	≥ 1,000	≤500]
	B,D,E		Hb>Hu				0				1+2
ا السائد و			Hd≤½Hu		≥ 250		≥ 1,500	≥ 1,000		≤500	
H ₀		Hb≤Hd	½Hu <hd≤hu< td=""><td></td><td>≥ 300</td><td></td><td>≥ 1,500</td><td>≥ 1,000</td><td></td><td>≤500</td><td></td></hd≤hu<>		≥ 300		≥ 1,500	≥ 1,000		≤500	
			Hd>Hu		≥ 300		≥ 2,200	≥ 1,000		≤500	

(1) For better serviceability, use a distance ≥250 mm

A,B,C,D Obstacles (walls/baffle plates)

E Obstacle (roof)

a,b,c,d,e Minimum service space between the unit and obstacles A, B, C, D and E

e_B Maximum distance between the unit and the edge of obstacle E, in the direction of obstacle B e_D Maximum distance between the unit and the edge of obstacle E, in the direction of obstacle D

Hu Height of the unit

Hb,Hd Height of obstacles B and D

1 Seal the bottom of the installation frame to prevent discharged air from flowing back to the suction

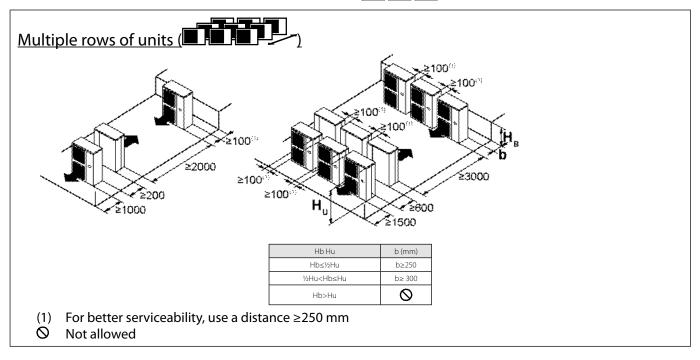
side through the bottom of the unit.

2 Maximum two units can be installed.

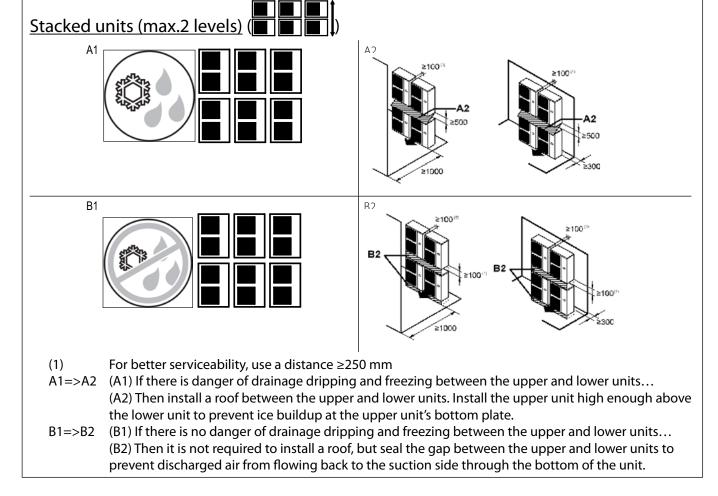


RXYSA-A

Multiple rows of units (

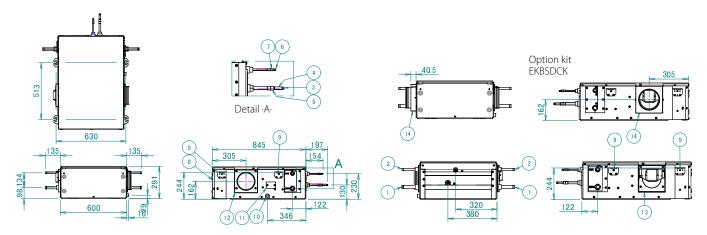








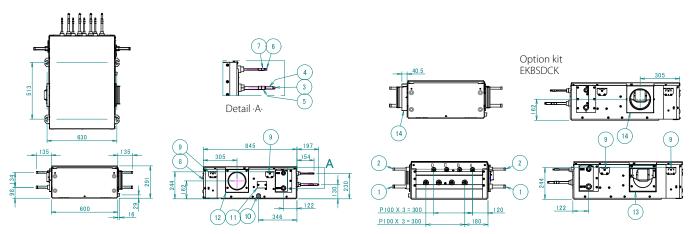
SV1A25A



	T	Ta
Item	Name	Description
1	Outdoor unit suction gas pipe connection port	Ø ·22.2· brazing connection
2	Outdoor unit liquid pipe connection port	Ø ·15.9· brazing connection
3	Indoor unit gas pipe connection port	Ø ·9.52· brazing connection
4	Indoor unit gas pipe connection port	Ø ·12.7· brazing connection
5	Indoor unit gas pipe connection port	Ø ·15.9· brazing connection
6	Indoor unit liquid pipe connection port	Ø ·6.35· brazing connection
7	Indoor unit liquid pipe connection port	Ø ·9.52· brazing connection
8	Control box	
9	Suspension bracket	M8~M10
10	Drain socket	VP20 (OD Ø26, ID Ø20)
11	Inspection hole	
12	Duct connection	Diameter ·Ø160·
13	Damper	
14	Duct connection kit	Diameter ∙Ø160∙

3D149357

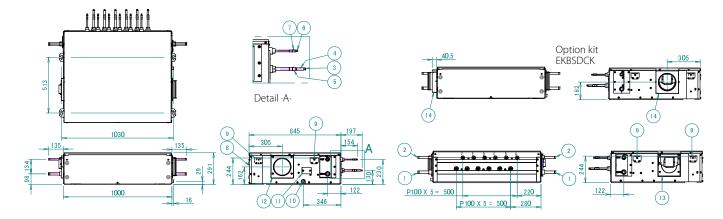
SV4A14A



Item	Name	Description
1	Outdoor unit suction gas pipe connection port	Ø ·22.2· brazing connection
2	Outdoor unit liquid pipe connection port	Ø ·15.9· brazing connection
3	Indoor unit gas pipe connection port	Ø ·9.52· brazing connection
4	Indoor unit gas pipe connection port	Ø ·12.7· brazing connection
5	Indoor unit gas pipe connection port	Ø ·15.9· brazing connection
6	Indoor unit liquid pipe connection port	Ø ·6.35· brazing connection
7	Indoor unit liquid pipe connection port	Ø ·9.52· brazing connection
8	Control box	
9	Suspension bracket	M8~M10
10	Drain socket	VP20 (OD Ø26, ID Ø20)
11	Inspection hole	
12	Duct connection	Diameter ∙Ø160-
13	Damper	
14	Duct connection kit	Diameter ·Ø160·



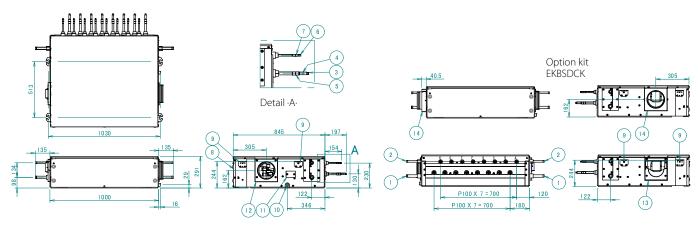
SV6A14A



Item	Name	Description
1	Outdoor unit suction gas pipe connection port	Ø ·22.2· brazing connection
2	Outdoor unit liquid pipe connection port	Ø ·15.9· brazing connection
3	Indoor unit gas pipe connection port	Ø ·9.52· brazing connection
4	Indoor unit gas pipe connection port	Ø ·12.7· brazing connection
5	Indoor unit gas pipe connection port	Ø ·15.9· brazing connection
6	Indoor unit liquid pipe connection port	Ø ·6.35· brazing connection
7	Indoor unit liquid pipe connection port	Ø ·9.52· brazing connection
8	Control box	
9	Suspension bracket	M8~M10
10	Drain socket	VP20 (OD Ø26, ID Ø20)
11	Inspection hole	
12	Duct connection	Diameter ·Ø160·
13	Damper	
14	Duct connection kit	Diameter ·Ø160·

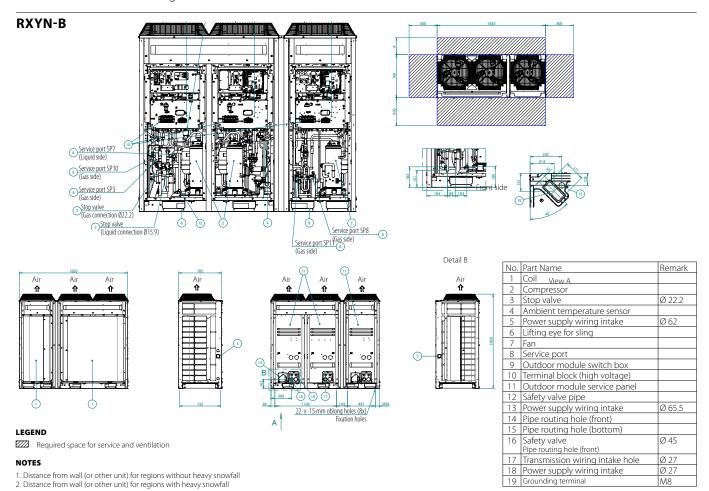
3D149359

SV8A14A

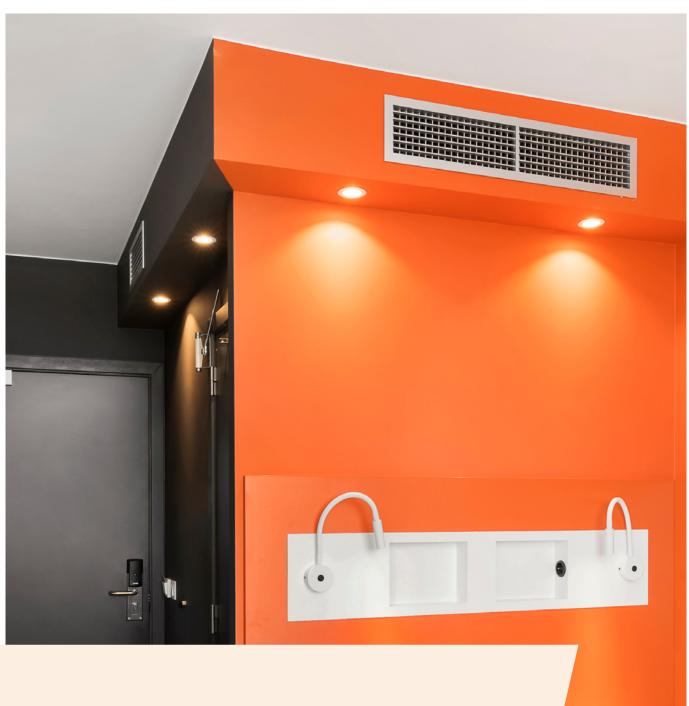


Item	Name	Description
1	Outdoor unit suction gas pipe connection port	Ø ·22.2· brazing connection
2	Outdoor unit liquid pipe connection port	Ø ·15.9· brazing connection
3	Indoor unit gas pipe connection port	Ø ·9.52· brazing connection
4	Indoor unit gas pipe connection port	Ø ·12.7· brazing connection
5	Indoor unit gas pipe connection port	Ø ·15.9· brazing connection
6	Indoor unit liquid pipe connection port	Ø ·6.35· brazing connection
7	Indoor unit liquid pipe connection port	Ø ·9.52· brazing connection
8	Control box	
9	Suspension bracket	M8~M10
10	Drain socket	VP20 (OD Ø26, ID Ø20)
11	Inspection hole	
12	Duct connection	Diameter ·Ø160·
13	Damper	
14	Duct connection kit	Diameter ·Ø160·

300 500



2D156196



Technical drawings **Indoor units**

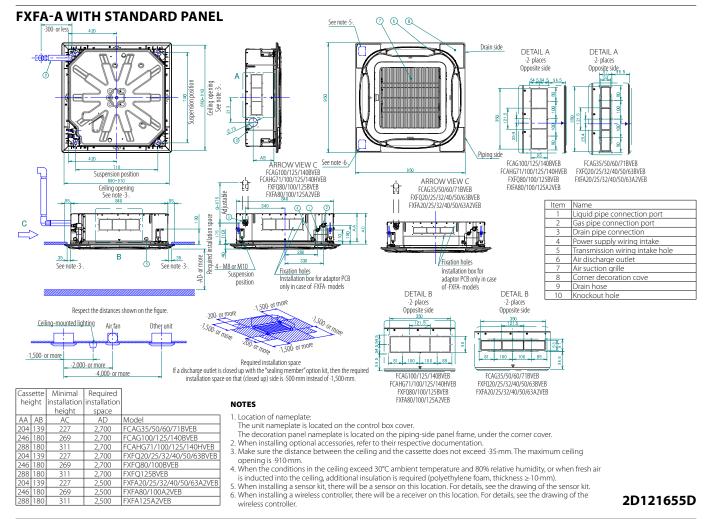
VRV 5 - R-32

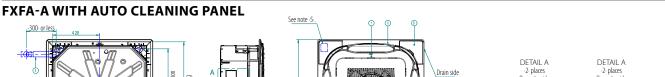
•	• FXFA-A	190
•	■ FXZA-A	192
•	■ FXKA-A	194
	■ FXDA-A	195
•	■ FXSA-A	200
-	• FXMA-A	208
	■ FXAA-A	215
•	■ FXHA-A	216
-	• FXUA-A	218
	■ FXNA-A	219

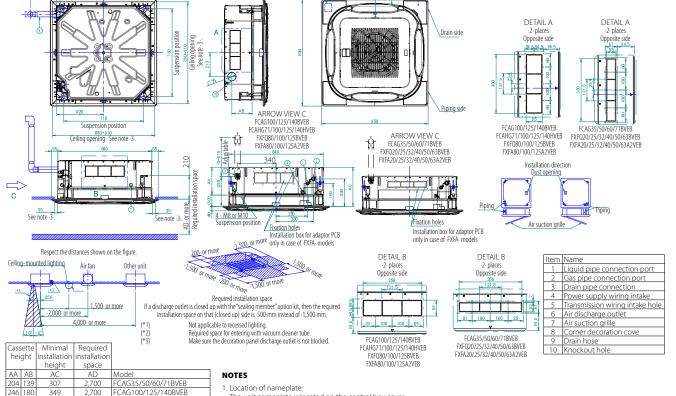
CO₂ VRV - R-744

•	FXFN-B	220
	FXSN-B	222









1. Location of indreplate:
The unit nameplate is located on the control box cover.
The decoration panel nameplate is located on the piping-side panel frame, under the corner cover.

2. When installing optional accessories, refer to their respective documentation.

3. Make sure the distance between the ceiling and the cassette does not exceed :35-mm. The maximum ceiling opening is :910-mm.

4. When the conditions in the ceiling exceed 30°C ambient temperature and 80% relative humidity, or when fresh air

is inducted into the ceiling, additional insulation is required (polyethylene foam, thickness ≥ 10·mm).

5. When installing a sensor kit, there will be a sensor on this location. For details, see the drawing of the sensor kit.

190

FXFQ80/100BVEB FXFQ125BVEB

FXFA125A2VEE

FXFQ20/25/32/40/50/63BVEB

FXFA20/25/32/40/50/63A2VEB

204 139

246 180

288 180

204 139

288 180

307

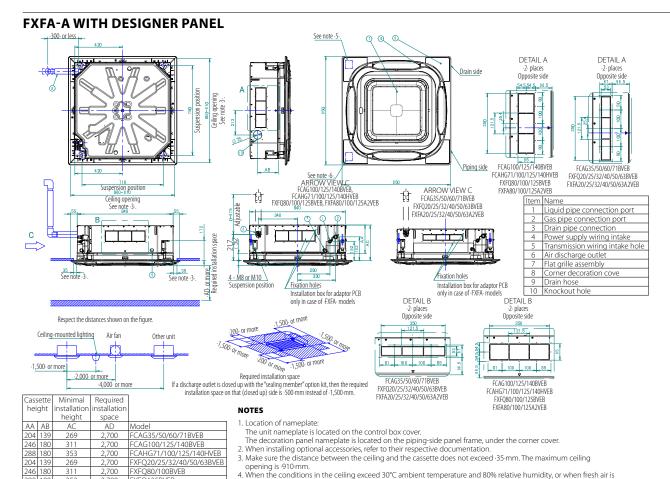
349

307

2,700

2,700 2,700





FXFA-A WITH FRESH AIR INTAKE

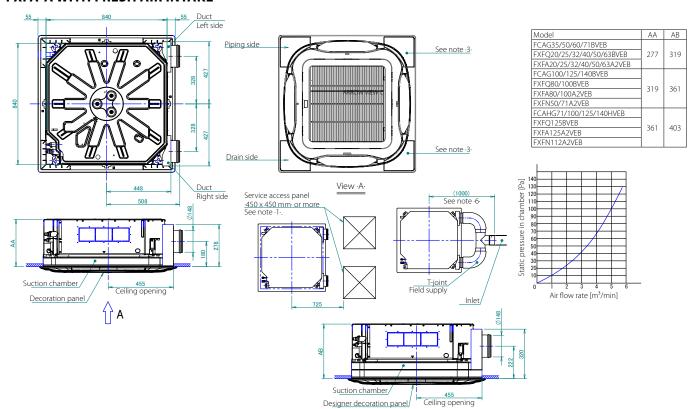
2,500

2,500 2,500

FXFQ125BVEB FXFA20/25/32/40/50/63A2VEB

wireless controller.

FXFA80/100A2VEB



inducted into the ceiling, additional insulation is required (polyethylene foam, thickness ≥ 10 mm).

5. When installing a sensor kit, there will be a sensor on this location. For details, see the drawing of the sensor kit.

6. When installing a wireless controller, there will be a receiver on this location. For details, see the drawing of the

NOTES

288 180 204 139

246 180

269

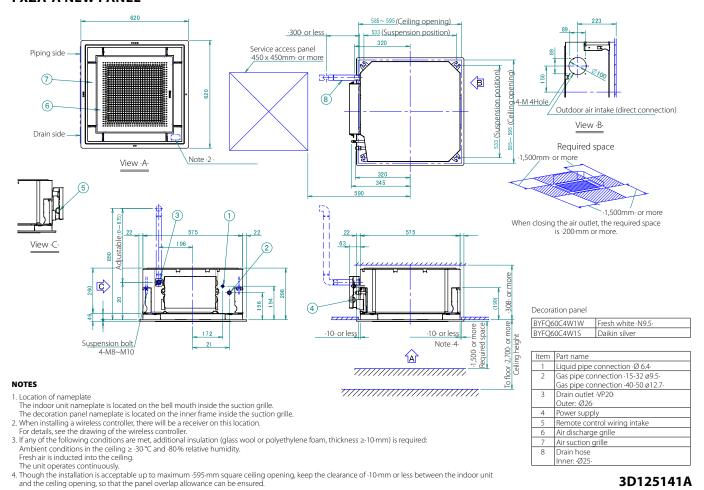
- When installing a fresh air intake kit, provide a service access panel.
- Field construction
- This corner discharge outlet needs to be closed.
 When installing a duct fan, use a wiring adapter to link the duct fan to the fan of the indoor unit.
 The intake air flow rate is recommended to be ≤20% of the air flow rate at high fan speed.
- If the intake air flow rate is too large, the operating sound may increase, and the detection of the indoor unit suction temperature may be affected.

 6. This indicates the distance between the T-joint inlet and the indoor unit inlet when the T-tube is connected.

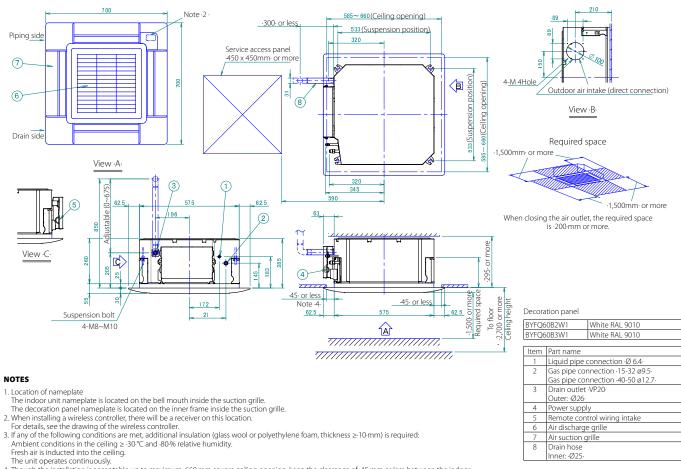
3D121741C

2D121703D

FXZA-A NEW PANEL



FXZA-A OLD PANEL

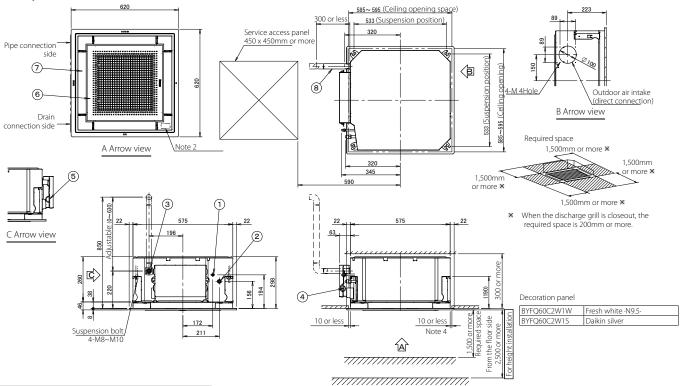


4. Though the installation is acceptable up to maximum -660-mm square ceiling opening, keep the clearance of -45-mm or less between the indoor unit and the ceiling opening, so that the panel overlap allowance can be ensured.

Drain hose



FXZQ-A NEW PANEL



Item	Part name	Remark
1	Liquid pipe connection	Ø 6.4 (flare connection)
2	Gas pipe connection	Ø 12.7 (flare connection)
3	Drain pipe connection	VP20 (O.D. Ø26)
4	Power supply connection	
5	Remote control code and control wiring connection	
6	Air discharge grille	
7	Air suction grille	
8	Drain hose	I.D. Ø25 (outlet)

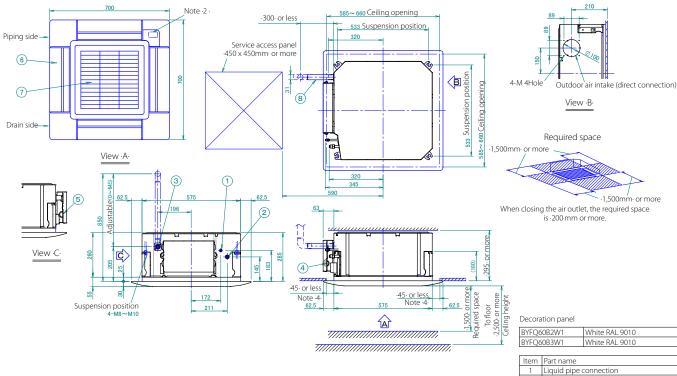
NOTES

- Sticking location for manufacture's label Manufacture's label for indoor unit: on the bell mouth inside suction grille
- Manufacture's label for decoration panel: on the inner frame inside suction grille
 2. In case of using wireless remote controller,this position will be a signal receiver.

 Refer to the drawing of wireless remote controller in detail.
- When the temperature and humidity in the ceiling exceed 30°C and RH 80% or the fresh air is inducted into the ceiling or the unit continues 24 hour operation, an additional insulation (thickness 10mm or more of glasswool or polyethylene form) is required.
- Though the installation is acceptable up to maximum of 595mm square ceiling opening, keep the clearance of 10mm or less between the main unit and the ceiling opening so that the panel overlap allowance can be ensured.

3D082052





NOTES

- The indoor unit nameplate is located on the bell mouth inside the suction grille.

 The decoration panel nameplate is located on the inner frame inside the suction grille.

 2. When installing a wireless controller, there will be a receiver on this location. For details, see the drawing of the wireless controller.
- 3. If any of the following conditions are met, additional insulation (glass wool or polyethylene foam, thickness ≥·10·mm) is required: Ambient conditions in the ceiling ≥ ·30 °C and ·80 % relative humidity. Fresh air is inducted into the ceiling. The unit operates continuously.
- 4. Though the installation is acceptable up to maximum -660-mm square ceiling opening, keep the clearance of -45-mm or less between the indoor unit and the ceiling opening, so that the panel overlap allowance can be ensured.

3D082161D

Gas pipe connection Drain outlet ·VP20·

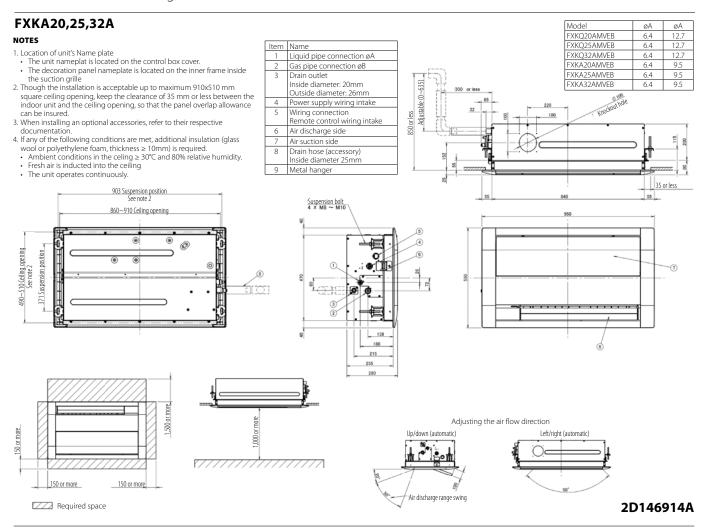
Remote control wiring intake Air discharge grille

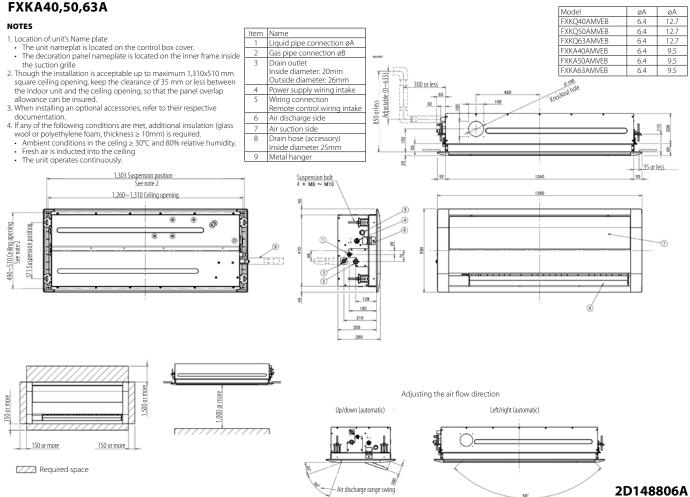
Outer: ·Ø26

Power supply

Air suction grille

Drain hos Inner: ·Ø2

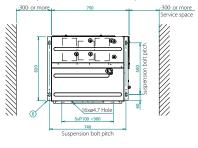


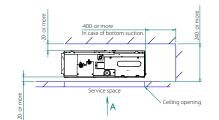


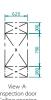


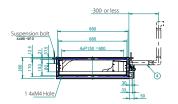
FXDA10-32A

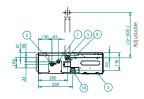
Service space of installation box for adaptor PCB.

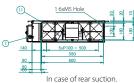


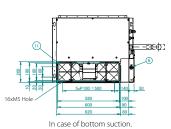


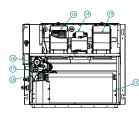












Item	
1	Liquid pipe connection -ø6.35- Flare connection
2	Gas pipe connection ·ø9.52· Flare connection
3	Drain pipe connection Outside diameter: ø26- Inside diameter: ø20-
4	Drain hose (accessory) Inside diameter: ·ø25·
5	Control box
6	Transmission wiring connection
7	Power supply connection
8	Suspension bracket
9	Inspection door
10	Drain socket
11	Air filter (accessory)
12	Heat exchanger
13	Turbo fan
14	Fan motor
15	Fan housing
16	Drain pump
17	Float switch
18	Electronic expansion valve

NOTES

- In case of bottom suction, mount the chamber cover to the backside of the unit.

 For more information, refer to the installation manual.

 2. In case of rear suction, mount the chamber cover to the bottom side of the unit.

 For more information, refer to the installation manual.

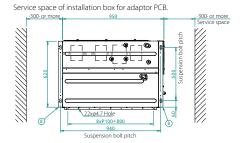
 3. The unit nameplate is located on the control box cover.

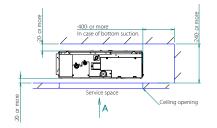
 4. Mount the air filter at the suction side.

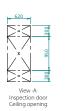
 Use an air filter with a dust collecting efficiency of at least -50% (measured by gravimetric analysis).

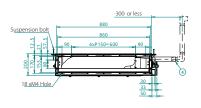
 When a duct is connected at the suction side, it is not possible to mount an air filter.

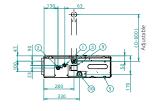
FXDA40-50A

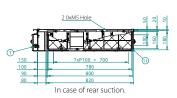


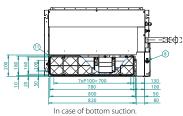


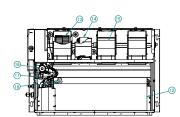












NOTES

- 1. In case of bottom suction, mount the chamber cover to the backside of the unit.
- For more information, refer to the installation manual.

 2. In case of rear suction, mount the chamber cover to the bottom side of the unit.
- For more information, refer to the installation manual.

 3. The unit nameplate is located on the control box cover.

 4. Mount the air filter at the suction side.

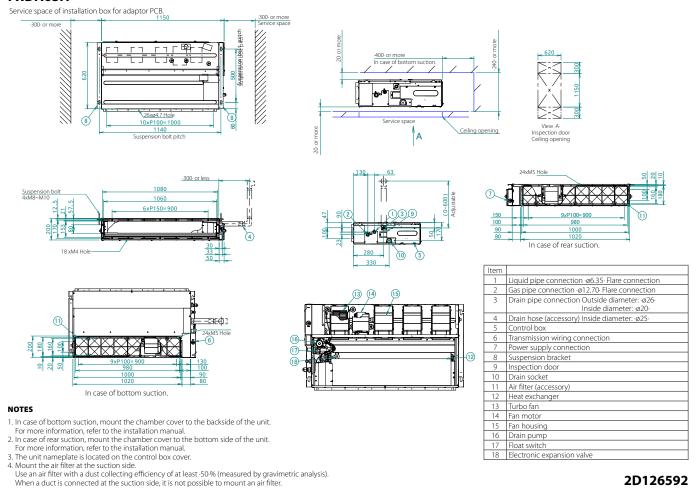
•	Mount the air filter at the suction side.
	Use an air filter with a dust collecting efficiency of at least .50-% (measured by gravimetric analysis)
	When a duct is connected at the suction side, it is not possible to mount an air filter.

Item	
1	Liquid pipe connection ·ø6.35· Flare connection
2	Gas pipe connection ·ø12.70· Flare connection
3	Drain pipe connection Outside diameter: ø26-
	Inside diameter: •ø20-
4	Drain hose (accessory) Inside diameter: ·ø25·
5	Control box
6	Transmission wiring connection
7	Power supply connection
8	Suspension bracket
9	Inspection door
10	Drain socket
11	Air filter (accessory)
12	Heat exchanger
13	Turbo fan
14	Fan motor
15	Fan housing
16	Drain pump
17	Float switch
18	Electronic expansion valve

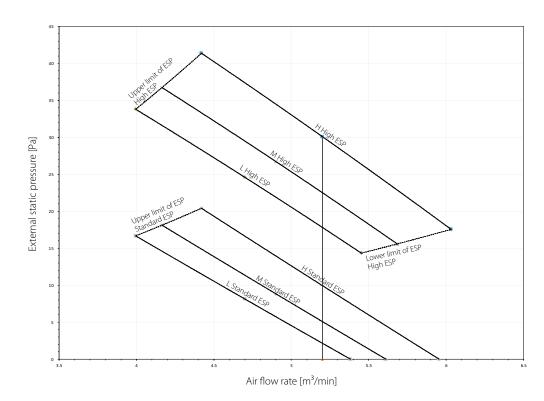
195

2D126395

FXDA63A



FXDA10A

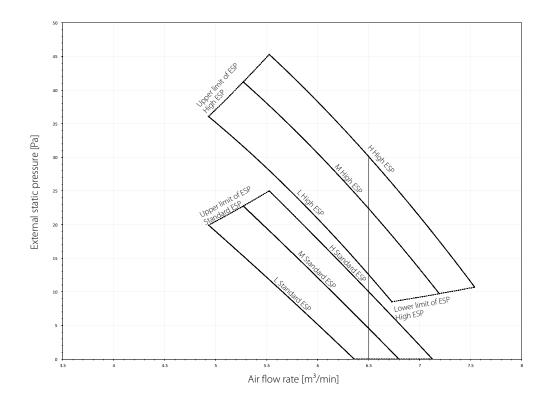


NOTES

- The fan characteristics shown are in "fan only" mode.
- ESP: External Static Pressure
- 3. The air flow is factory-set to 'standard'. It is possible to switch between 'standard ESP' and 'high ESP' by remote controller setting.

2D126592

FXDA15A

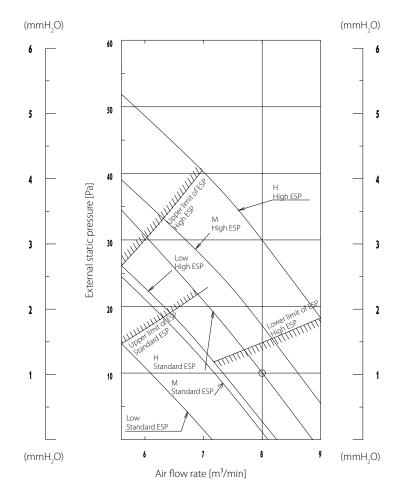


NOTES

- 1. The fan characteristics shown are in "fan only" mode.
- 2. ESP: External Static Pressure
- 3. The air flow is factory-set to 'standard'. It is possible to switch between 'standard ESP' and 'high ESP' by remote controller setting.

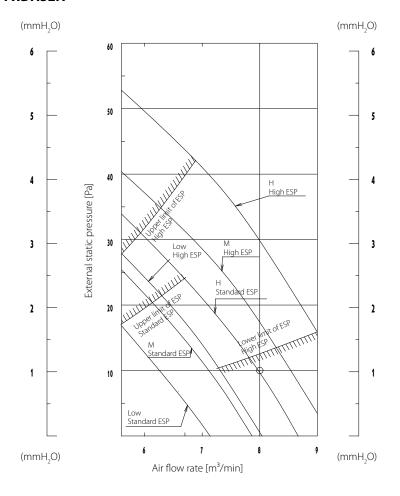
3D129553

FXDA20-25A



- 1. The remote controller can be used to switch between 'high' and 'low'.
- 2. The air flow is factory-set to 'standard'. It is possible to switch between 'standard ESP' and 'high ESP' by remote controller setting.

FXDA32A

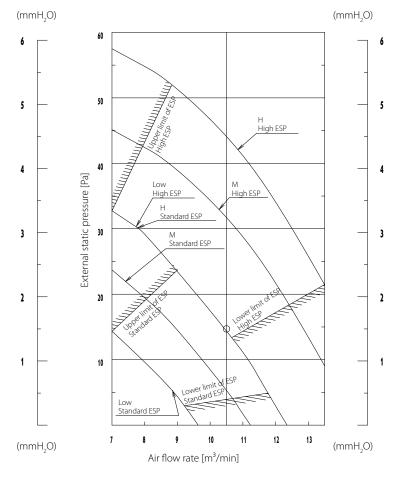


NOTES

- 1. The remote controller can be used to switch between 'high'
- The air flow is factory-set to 'standard'. It is possible to switch between 'standard ESP' and 'high ESP' by remote controller setting.

3D081425C

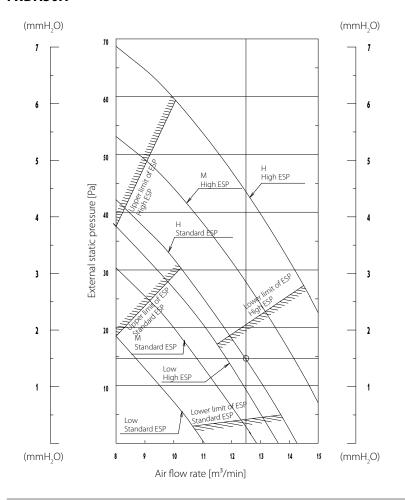
FXDA40A



- The remote controller can be used to switch between 'high' and 'low'.
- The air flow is factory-set to 'standard'. It is possible to switch between 'standard ESP' and 'high ESP' by remote controller setting.



FXDA50A

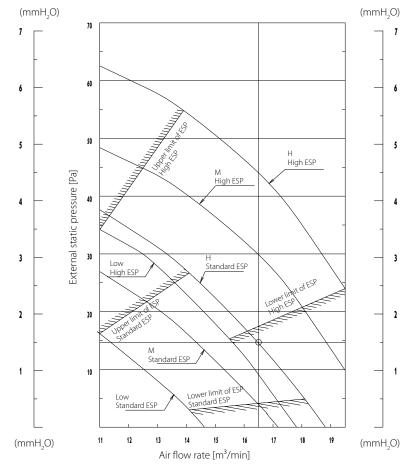


NOTES

- 1. The remote controller can be used to switch between 'high' and 'low'
- The air flow is factory-set to 'standard'. It is possible to switch between 'standard ESP' and 'high ESP' by remote controller setting.

3D081427C

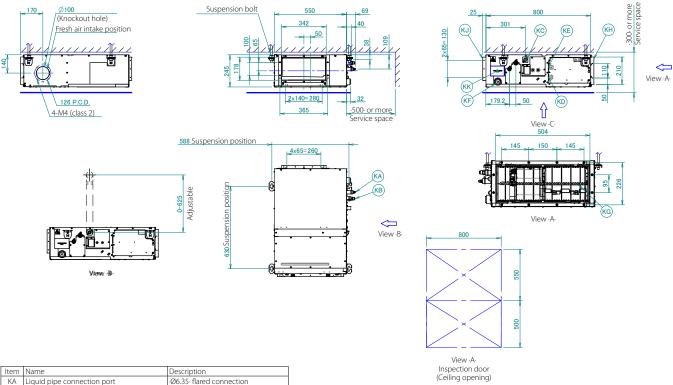
FXDA63A



- 1. The remote controller can be used to switch between 'high' and 'low'.
- The air flow is factory-set to 'standard'. It is possible to switch between 'standard ESP' and 'high ESP' by remote controller setting.

Click here to view all FXSA-A technical drawings on my.daikin.eu

FXSA15-32A



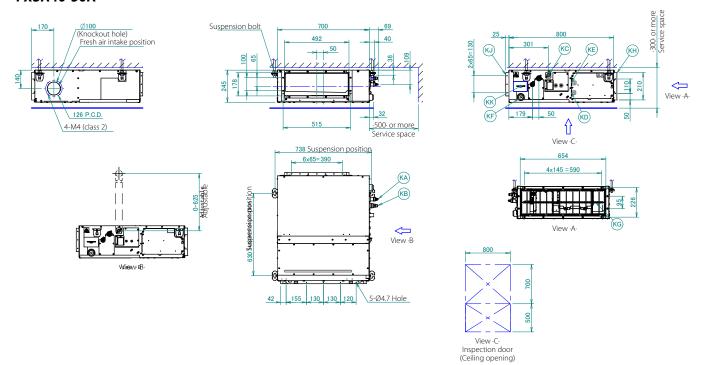
	·	
Item	Name	Description
KA	Liquid pipe connection port	·Ø6.35· flared connection
KB	Gas pipe connection port	·Ø9.52· flared connection
KC	Drain pipe connection	VP20 (OD Ø26, ID Ø20)
KD	Wiring connection	/
KE	Power supply connection	/
KF	Drain outlet	VP20 (OD Ø26, ID Ø20)
KG	Air filter	/
KH	Air suction side	/
KJ	Air discharge side	/
KK	Nameplate	/

NOTES

- When installing optional accessories, refer to their respective documentation.
 The ceiling depth varies according to the documentation of the specific system.
 In case of bottom suction, mount the chamber cover to the backside of the unit. For more information, refer to the installation manual.
 In case of rear suction, mount the chamber cover to the bottom side of the unit. For more information, refer to the installation manual.

3D128686A

FXSA40-50A

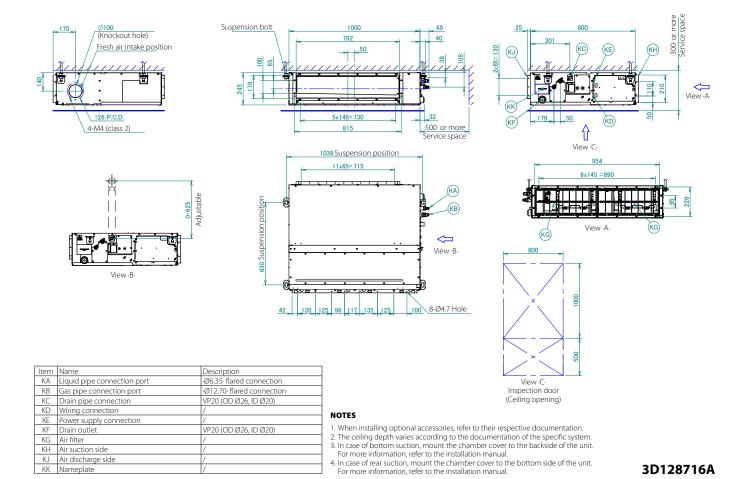


Item	Name	Description
KA	Liquid pipe connection port	·Ø6.35· flared connection
KB	Gas pipe connection port	-Ø12.70- flared connection
KC	Drain pipe connection	VP20 (OD Ø26, ID Ø20)
KD	Wiring connection	/
KE	Power supply connection	/
KF	Drain outlet	VP20 (OD Ø26, ID Ø20)
KG	Air filter	/
KH	Air suction side	/
KJ	Air discharge side	/
KK	Nameplate	/

- . When installing optional accessories, refer to their respective documentation.
- The ceiling depth varies according to the documentation of the specific system.
 In case of bottom suction, mount the chamber cover to the backside of the unit. For more information, refer to the installation manual.
- 4. In case of rear suction, mount the chamber cover to the bottom side of the unit. For more information, refer to the installation manual.



FXSA63-80A



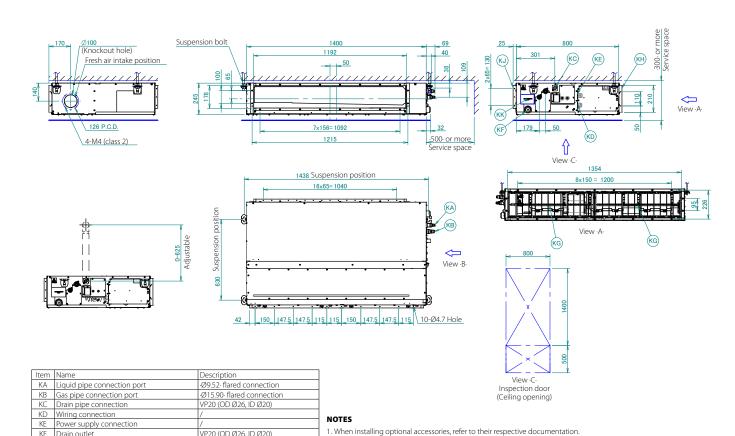
FXSA100-125A

Nameplate

KF Drain outlet

KK Nameplate

KG Air filter KH Air suction side KJ Air discharge side



The ceiling depth varies according to the documentation of the specific system.
 In case of bottom suction, mount the chamber cover to the backside of the unit. For more information, refer to the installation manual.

4. In case of rear suction, mount the chamber cover to the bottom side of the unit.

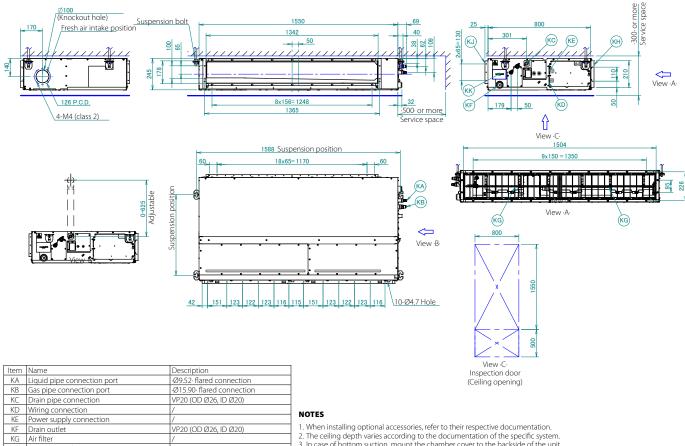
For more information, refer to the installation manual

3D128716A

FXSA140A

KH Air suction side
KJ Air discharge side

KK Nameplate

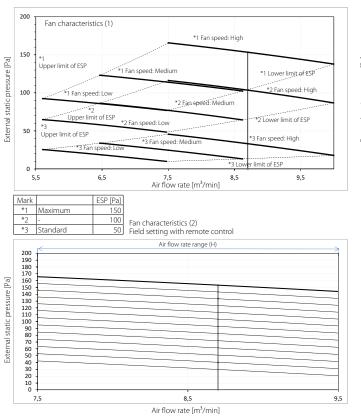


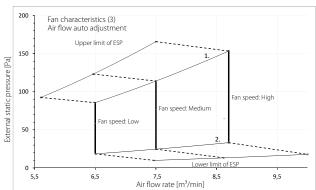
- When installing optional accessories, refer to their respective documentation.
 The ceiling depth varies according to the documentation of the specific system.
 In case of bottom suction, mount the chamber cover to the backside of the unit. For more information, refer to the installation manual.
 In case of rear suction, mount the chamber cover to the bottom side of the unit. For more information, refer to the installation manual.

3D128720A



FXSA15A





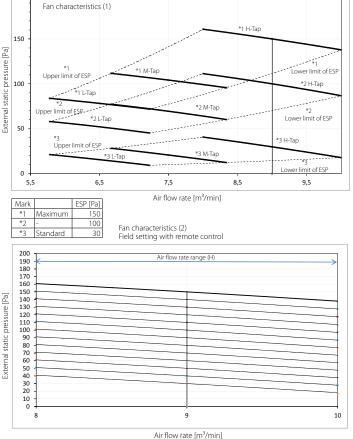
- Upper limit of ESP by air flow auto adjustment
 Lower limit of ESP by air flow auto adjustment

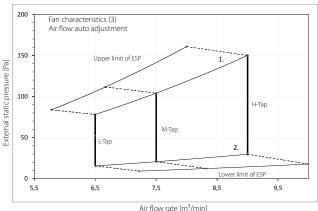
- 1. The fan characteristics shown are in "fan only" mode.
- 2. ESP: External Static Pressure

3D096999B

FXSA20-25A

200





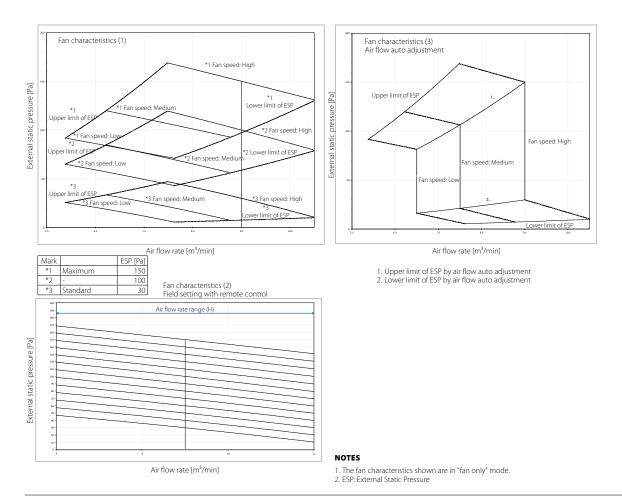
- 1. Upper limit of ESP by air flow auto adjustment 2. Lower limit of ESP by air flow auto adjustment

- 1. The fan characteristics shown are in "fan only" mode. 2. ESP: External Static Pressure

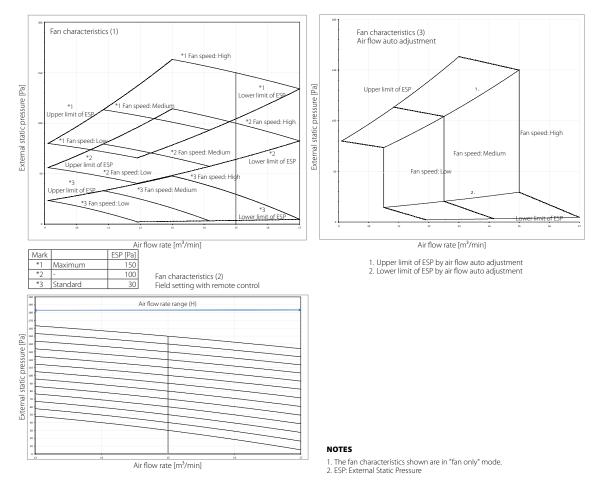
3D095680B

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FXSA32A



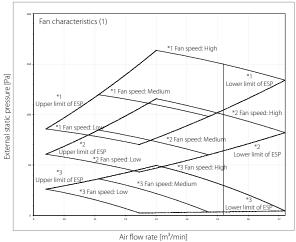
FXSA40A

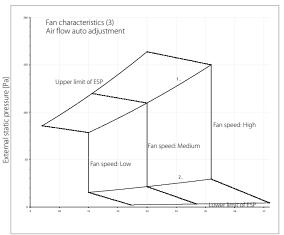


3D095681B



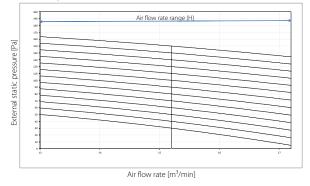
FXSA50A





Air flow rate [m³/min]

Fan characteristics (2) Field setting with remote control



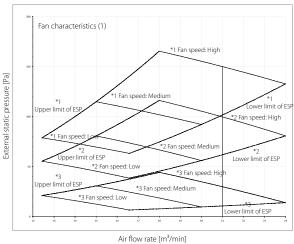
- 1. Upper limit of ESP by air flow auto adjustment 2. Lower limit of ESP by air flow auto adjustment

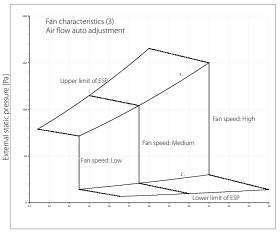
Mark		ESP [Pa]
*1	Maximum	150
*2	-	100
*3	Standard	30

- 1. The fan characteristics shown are in "fan only" mode.
- 2. ESP: External Static Pressure

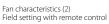
3D095688B

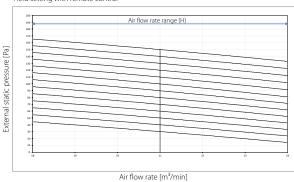
FXSA63A





Air flow rate [m³/min]





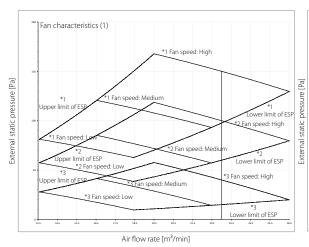
Upper limit of ESP by air flow auto adjustment
 Lower limit of ESP by air flow auto adjustment

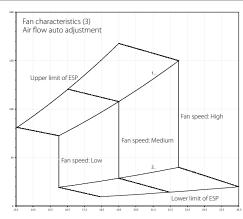
Mark		ESP [Pa]	
*1	Maximum	150	

- 1. The fan characteristics shown are in "fan only" mode. 2. ESP: External Static Pressure

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FXSA80A





- Air flow rate [m³/min]
- Upper limit of ESP by air flow auto adjustment
 Lower limit of ESP by air flow auto adjustment

200		Air flow rate	e range (H)		
100 100					
10 20 20 5	215	22.5	23.5	24.5	25.5

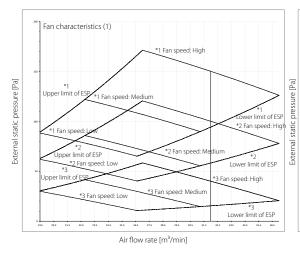
Mark		ESP [Pa]
*1	Maximum	150
*2	-	100
*3	Standard	40

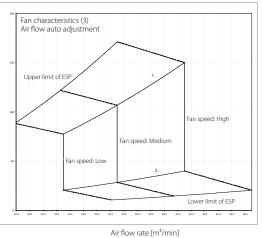
- 1. The fan characteristics shown are in "fan only" mode.
- 2. ESP: External Static Pressure

3D095692B

FXSA100A

Fan characteristics (2)





Upper limit of ESP by air flow auto adjustment
 Lower limit of ESP by air flow auto adjustment

- Field setting with remote control Air flow rate range (H) External static pressure [Pa]

Air flow rate [m³/min]

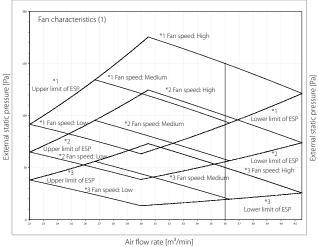
Mark		ESP [Pa,
*1	Maximum	150
*2	-	100
*3	Standard	40

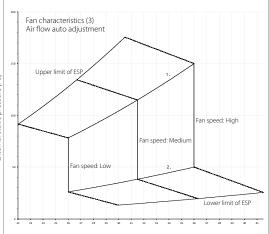
- 1. The fan characteristics shown are in "fan only" mode. 2. ESP: External Static Pressure

3D095696B



FXSA125A





Air flow rate [m³/min]

Fan characteristics (2) Field setting with remote control

Air flow rate range (H) External static pressure [Pa] Air flow rate [m³/min]

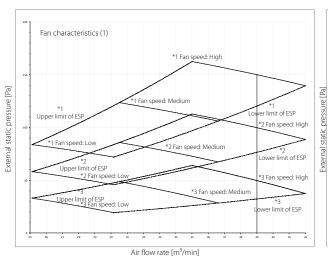
1. Upper limit of ESP by air flow auto adjustment 2. Lower limit of ESP by air flow auto adjustment

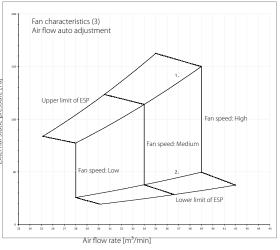
Mark		ESP [Pa]
*1	Maximum	150

- 1. The fan characteristics shown are in "fan only" mode.
- 2. ESP: External Static Pressure

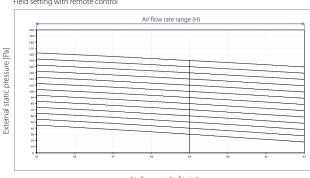
3D095697B

FXSA140A





Fan characteristics (2) Field setting with remote control



Air flow rate [m3/min]

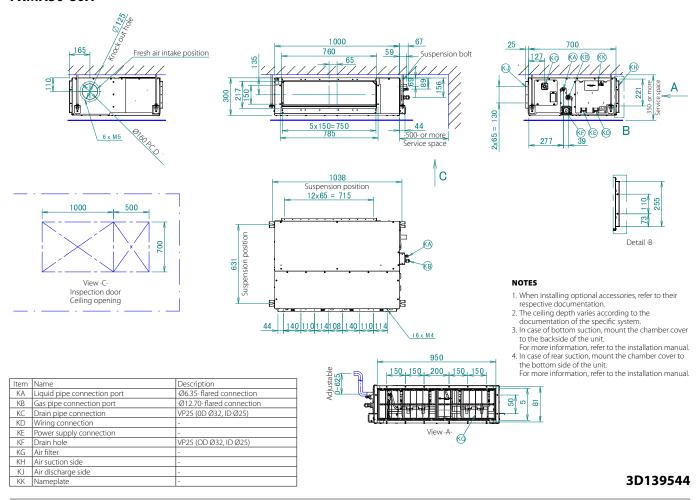
- 1. Upper limit of ESP by air flow auto adjustment 2. Lower limit of ESP by air flow auto adjustment

Mark		ESP [Pa]
*1	Maximum	150
*2	-	100
*2	Standard	50

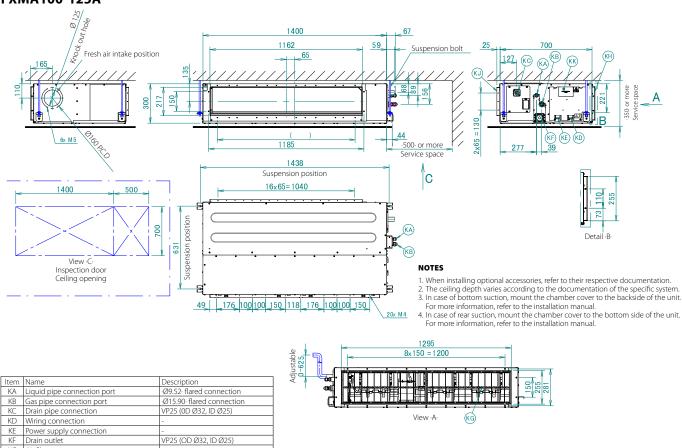
- 1. The fan characteristics shown are in "fan only" mode. 2. ESP: External Static Pressure

3D096688B

FXMA50-80A



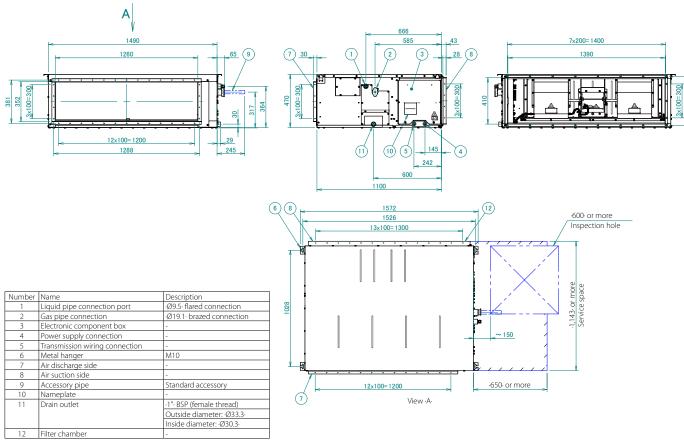
FXMA100-125A



KG Air filter
KH Air suction side
KJ Air discharge side
KK Nameplate



FXMA200-250A

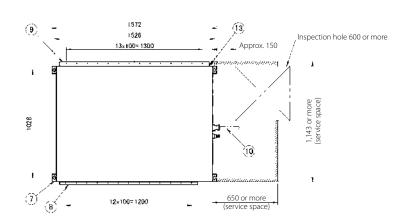


NOTES

1. When installing optional accessories, refer to their respective documentation. 2. The unit nameplate is located on the control box cover.

3D140557

FXMA200A



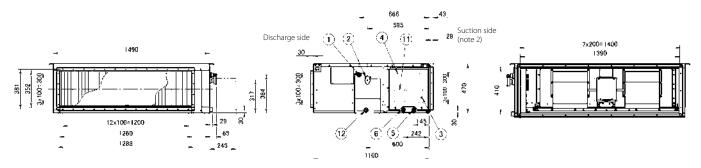
Piping size (Field supply)

Indoor unit	Gas side	Liquid side
FXMA200A	Ø 19.1 attached piping	Ø 9.5

NOTE

- Location of unit's manufacturer's label: Control box surface.
 Mount the air filter at the suction side.
 (Select its dust collection efficiency (gravity method) 50% or more.)

Number	Name	Description
1	Liquid pipe connection port	Flare connection
2	Gas pipe connection	Attendant piping connection
3	Ground terminal	M5 (inside control box)
4	Control box	
5	Power supply wiring connection	
6	Transmision wiring connection	
7	Hook	M10
8	Discharge flange	
9	Suction flange	
10	Attached piping	Brazing
11	Manufacturer's label	
12	Drain piping connection	PSP 1 inch internal thread Major dia. ø33.3 Minor dia. ø30.3
13	Pre-filter service cover	



3D117990A

FXMA250A

1572 (3) (9) 1526 Inspection hole 600 or more . __ Approx. 150 13x100=1300 1,143 or more (service space) 1028 (10) (i)650 or more (service space) 12x100-1200 **(3**)

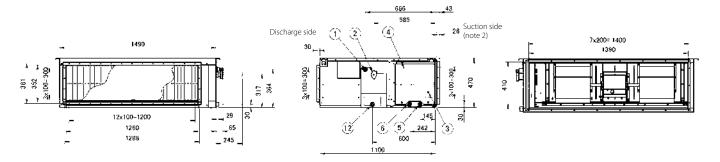
Piping size (Field supply)

Indoor unit	Gas side	Liquid side
FXMA250A	Ø 22.2 attached piping	Ø 9.5

NOTE

- 1. Location of unit's manufacturer's label: Control box surface.
- 2. Mount the air filter at the suction side. (Select its dust collection efficiency (gravity method) 50% or more.)

Number	Name	Description
1	Liquid pipe connection port	Flare connection
2	Gas pipe connection	Attendant piping connection
3	Ground terminal	M5 (inside control box)
4	Control box	
5	Power supply wiring connection	
6	Transmision wiring connection	
7	Hook	M10
8	Discharge flange	
9	Suction flange	
10	Attached piping	Brazing
11	Manufacturer's label	
12	Drain piping connection	PSP 1 inch internal thread
		Major dia. ø33.3
		Minor dia. ø30.3
13	Pre-filter service cover	

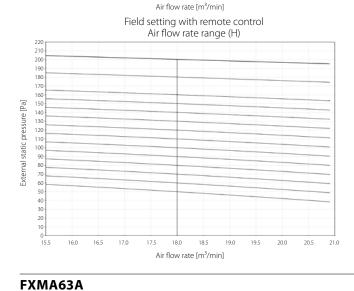


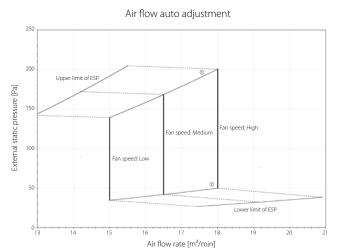


14

FXMA50A Upper limit of ESP ① External static pressure [Pa] Fan speed: Medium ① Upper limit of ESP ② Fan speed: High ② Fan speed: Medium (2) wer limit of ESP ② Fan speed: Low (2) Upper limit of ESP ③ ower limit of ESP (3) Fan speed: Low ③

20



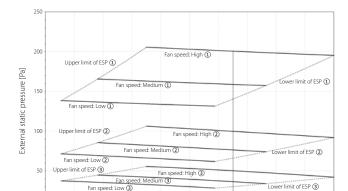


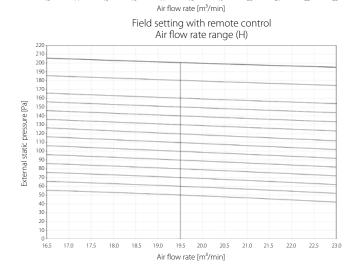
Upper limit of ESP by air flow auto adjustment Lower limit of ESP by air flow auto adjustment

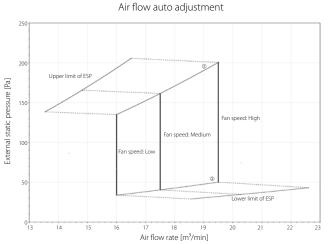
Mark		ESP [Pa]
1	Maximum	200
2	Standard	100
3	Minimum	50

- 1. The fan characteristics shown are in "fan only" mode. 2. ESP: External static pressure

4D139872







Upper limit of ESP by air flow auto adjustment Lower limit of ESP by air flow auto adjustment

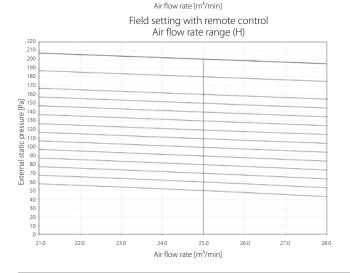
Mark		ESP [Pa]
1	Maximum	200
2	Standard	100
3	Minimum	50

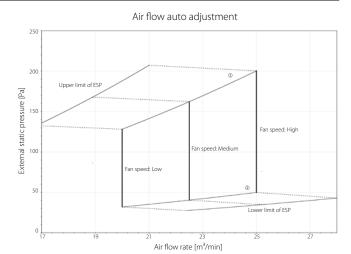
- 1. The fan characteristics shown are in "fan only" mode.
- 2. ESP: External static pressure

20

FXMA80A Upper limit of ESP ① External static pressure [Pa] Fan speed: Medium ① Upper limit of ESP (2) Fan speed: High (2) ower limit of ESP (2) 50 Upper limit of ESP 3 Lower limit of ESP ③

22





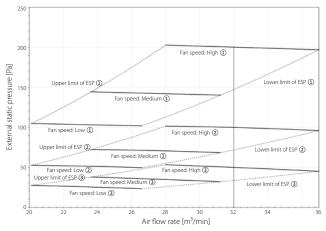
Upper limit of ESP by air flow auto adjustment Lower limit of ESP by air flow auto adjustment

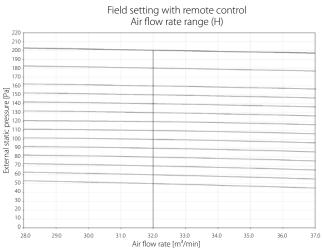
Mark		ESP [Pa]
1	Maximum	200
2	Standard	100
(3)	Minimum	50

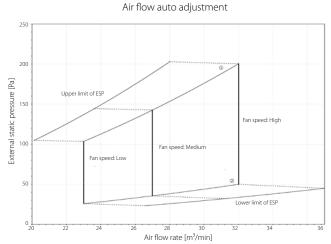
- 1. The fan characteristics shown are in "fan only" mode. 2. ESP: External static pressure

4D139878

FXMA100A



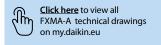




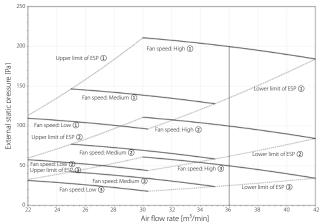
Upper limit of ESP by air flow auto adjustment Lower limit of ESP by air flow auto adjustment

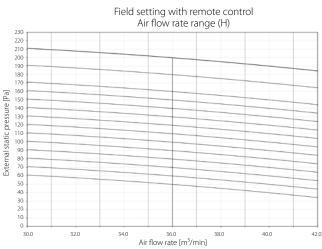
Mark		ESP [Pa]
1	Maximum	200
2	Standard	100
3	Minimum	50

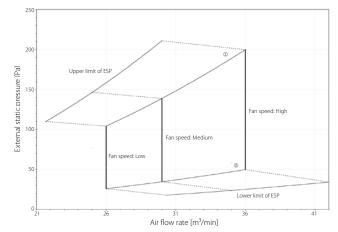
- 1. The fan characteristics shown are in "fan only" mode.
- 2. ESP: External static pressure



FXMA125A







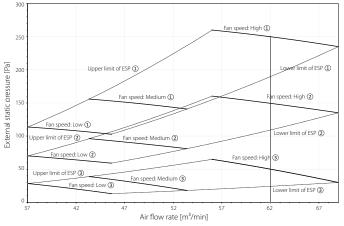
Upper limit of ESP by air flow auto adjustment Lower limit of ESP by air flow auto adjustment

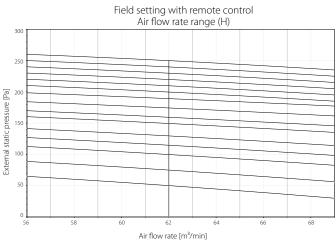
Mark		ESP [Pa]
1	Maximum	200
2	Standard	100
(3)	Minimum	50

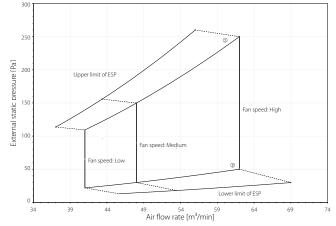
- The fan characteristics shown are in "fan only" mode.
 ESP: External static pressure

4D139884

FXMA200A / FXMQ200A





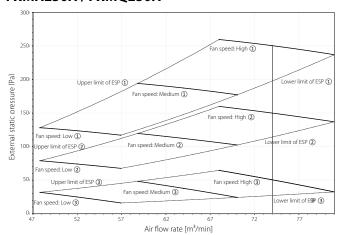


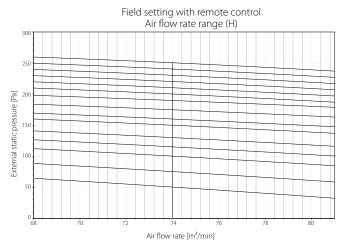
Upper limit of ESP by air flow auto adjustment Lower limit of ESP by air flow auto adjustment

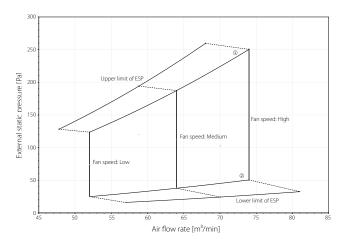
Mark		ESP [Pa]
1	Maximum	250
2	Standard	150
3	Minimum	50

- The fan characteristics shown are in "fan only" mode.
- ESP: External static pressure

FXMA250A / FXMQ250A







Upper limit of ESP by air flow auto adjustment
 Lower limit of ESP by air flow auto adjustment

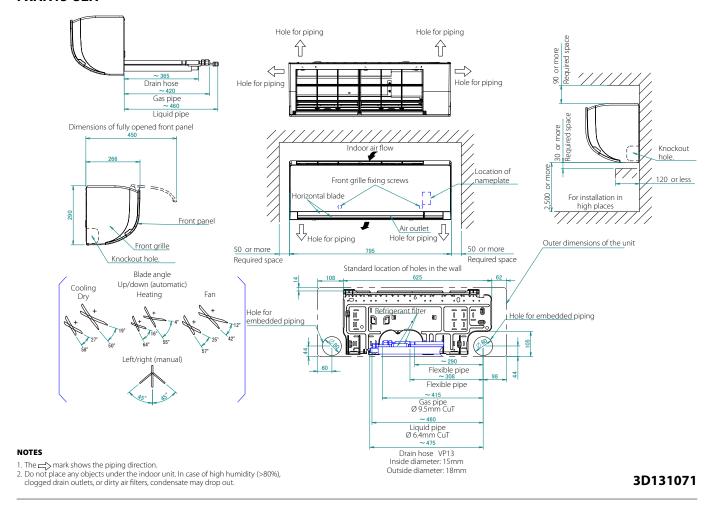
Mark		ESP [Pa]
1	Maximum	250
2	Standard	150
(3)	Minimum	50

- The fan characteristics shown are in "fan only" mode. ESP: External static pressure

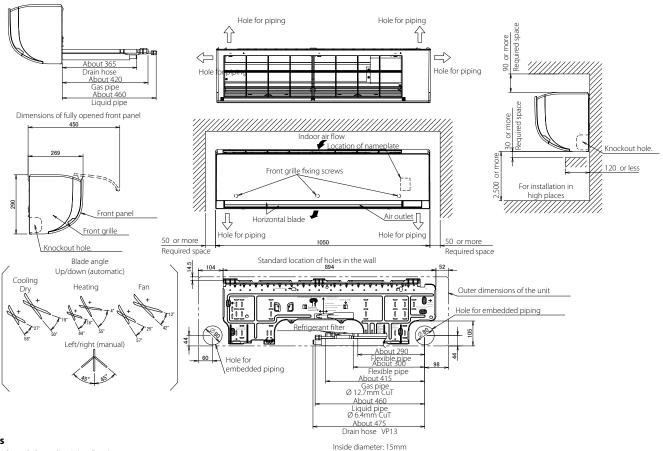
4D140824



FXAA15-32A



FXAA40-63A

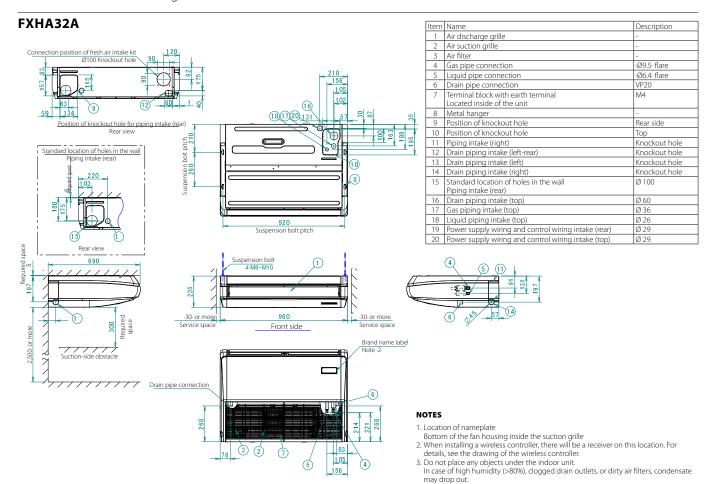


Outside diameter: 18mm

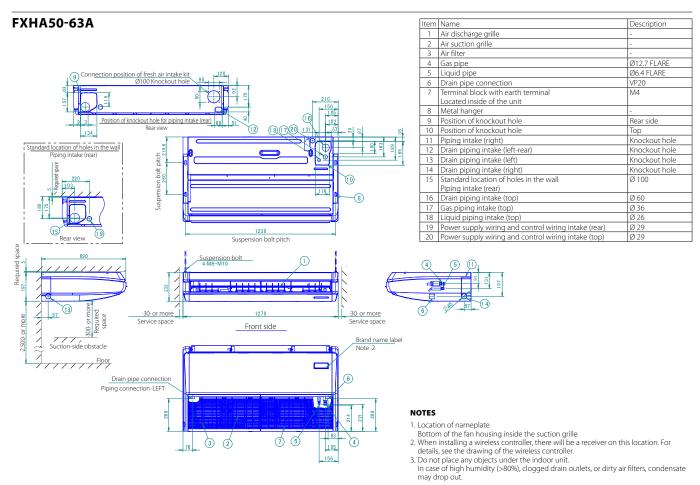
NOTES

- 1. The \(\rightarrow\) mark shows the piping direction.
 2. Do not place any objects under the indoor unit. In case of high humidity (>80%), clogged drain outlets, or dirty air filters, condensate may drop out

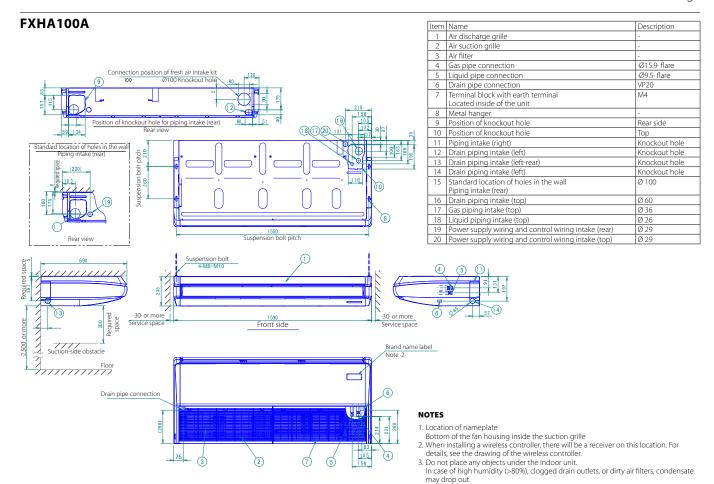
3D111369



3D106574A

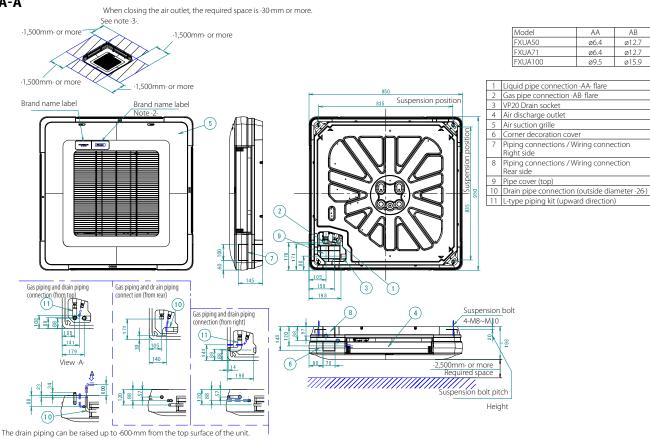






3D106530B





- 1. The unit nameplate is located on the control box cover.
- 2. When installing a wireless controller, there will be a receiver on this location. For details, see the drawing of the wireless controller.

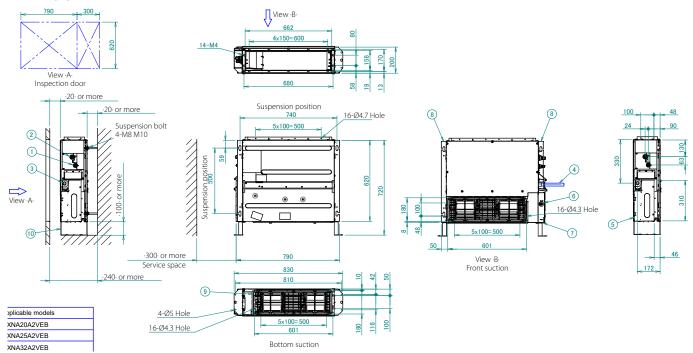
 3. When closing the discharge grille in case of ·2-way blow or ·3-way blow, there are limit ations to the piping connection direction. See the installation manual.

 4. Do not place any objects under the indoor unit. In case of high humidity (>80%), clogged drain outlets, or dirty air filters, condensate may drop out.

3D138403



FXNA20-32A



Item	Name	Description
1	Liquid pipe connection port	-Ø6.35- flared connection
2	Gas pipe connection port	-Ø9.52- flared connection
3	Drain pipe connection	Inside diameter: ·20·mm
		Outside diameter: ·26·mm
4	Drain hose	Inside diameter: ·25·mm
5	Control box	/
6	Transmission line	/
7	Power supply connection	/
8	Suspension bracket	/
9	Air filter	/
10	Mounting foot	/

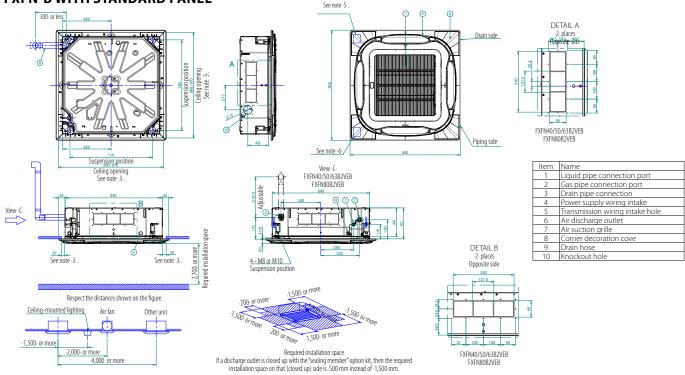
Applicable models
FXNA20A2VEB
FXNA25A2VEB
FXNA32A2VEB

- 1. When installing optional accessories, refer to their respective documentation. 2. The ceiling depth varies according to the documentation of the specific system.

3D154403A

219

FXFN-B WITH STANDARD PANEL

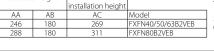


NOTES

- 1. Location of nameplate:
 The unit nameplate is located on the control box cover.
 The decoration panel nameplate is located on the piping-side panel frame, under the corner cover.
 2. When installing optional accessories, refer to their respective documentation.
 3. Make sure the distance between the ceiling and the cassette does not exceed -35-mm.
 The maximum ceiling opening is -910-mm.

- When the conditions in the ceiling exceed 30°C ambient temperature and 80% relative humidity, or when fresh air is inducted into the ceiling, additional insulation is required (polyethylene foam, thickness ≥10-mm).
 When installing a sensor kit, there will be a sensor on this location. For details, see the drawing of the sensor kit.
- When installing a wireless controller, there will be a receiver on this location. For details, see the drawing of the wireless controller.

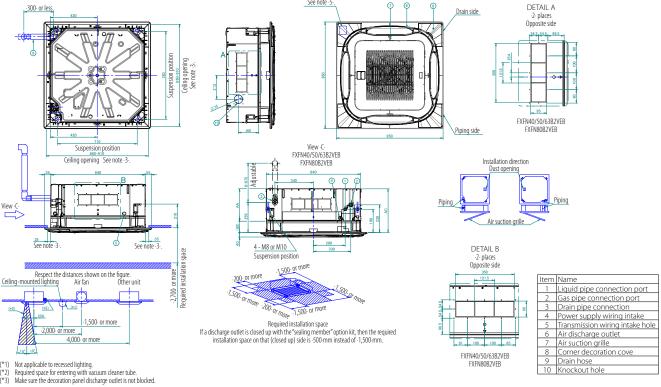
2D156432



Minimal

Cassette height





Cassette height

NOTES

- 1. Location of nameplate:
- The unit nameplate is located on the control box cover.

 The unit nameplate is located on the control box cover.

 The decoration panel nameplate is located on the piping-side panel frame, under the corner cover.

 2. When installing optional accessories, refer to their respective documentation.

 3. Make sure the distance between the ceiling and the cassette does not exceed ·35-mm.

 The maximum ceiling opening is ·910-mm.

 4. When the conditions in the ceiling exceed 30°C ambient temperature and 80% relative humidity, or when fresh air

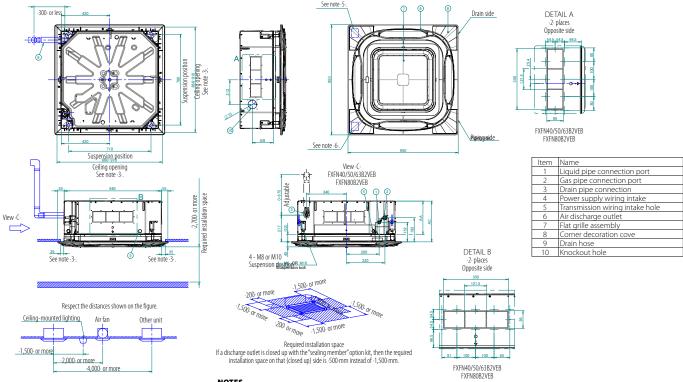
- is inducted into the ceiling, additional insulation is required (polyethylene foam, thickness ≥ 10·mm). When installing a sensor kit, there will be a sensor on this location. For details, see the drawing of the sensor kit.
- stallation heigl

Minimal

- 2D156545



FXFN-B WITH DESIGNER PANEL



NOTES

- 1. Location of nameplate:
 The unit nameplate is located on the control box cover.
 The decoration panel nameplate is located on the piping-side panel frame, under the corner cover.
 2. When installing optional accessories, refer to their respective documentation.
 3. Make sure the distance between the ceiling and the cassette does not exceed -35·mm.
 The maximum ceiling opening is -910·mm.
- When the conditions in the ceiling exceed 30°C ambient temperature and 80% relative humidity, or when fresh air
 is inducted into the ceiling, additional insulation is required (polyethylene foam, thickness ≥·10·mm).
 When installing a sensor kit, there will be a sensor on this location. For details, see the drawing of the sensor kit.
- When installing a wireless controller, there will be a receiver on this location. For details, see the drawing of the wireless controller.

2D156547

FXFN-B WITH FRESH AIR INLET KIT

Minimal

nstallation heigh

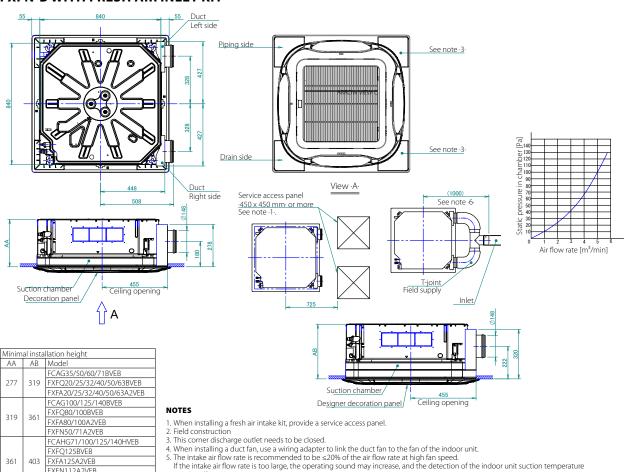
Cassette height

361

FXFN112A2VEB

FXFN80B2VEB

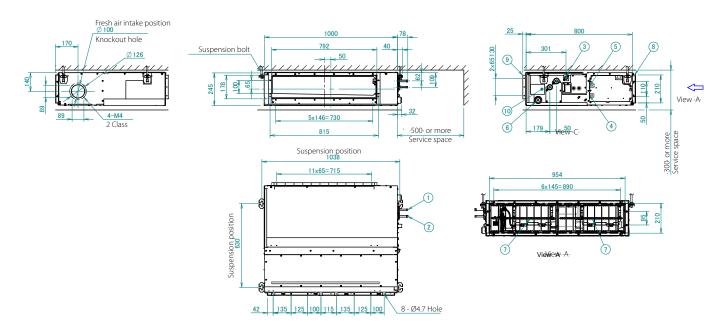
may be affected.



6. This indicates the distance between the T-joint inlet and the indoor unit inlet when the T-tube is connected.



FXSN40-50B



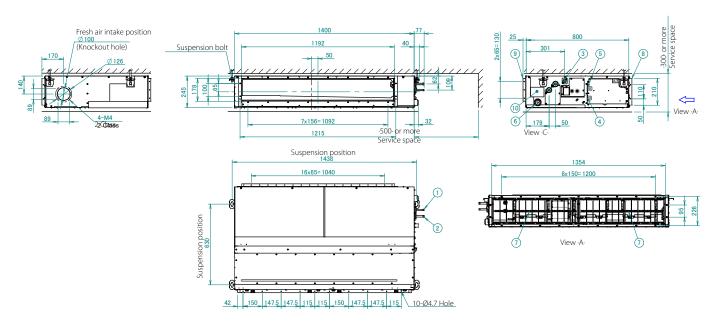
Item	Name	Description
1	Liquid pipe connection port	·Ø9.52· flared connection
2	Gas pipe connection port	-Ø12.70- flared connection
3	Drain pipe connection	VP20 (ID 20 x OD 26)
4	Wiring connection	/
5	Power supply connection	/
6	Drain outlet	VP20 (ID 20 x OD 26)
7	Air filter	/
8	Air suction side	/
9	Air discharge side	/
10	Namenlate	/

NOTES

- 1. When installing optional accessories, refer to their respective documentation. 2. The ceiling depth varies according to the documentation of the specific system.

3D156333

FXSN630-80B



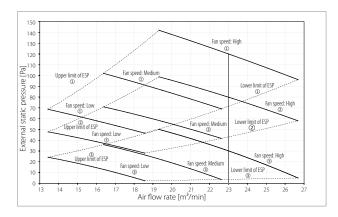
Item	Name	Description
1	Liquid pipe connection port	·Ø9.52· flared connection
2	Gas pipe connection port	·Ø12.70· flared connection
3	Drain pipe connection	VP20 (ID 20 x OD 26)
4	Wiring connection	/
5	Power supply connection	/
6	Drain outlet	VP20 (ID 20 x OD 26)
7	Air filter	/
8	Air suction side	/
9	Air discharge side	/
10	Nameplate	/

- 1. When installing optional accessories, refer to their respective documentation. 2. The ceiling depth varies according to the documentation of the specific system.

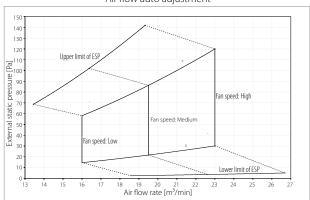


FXSN40B

(1) Fan characteristics

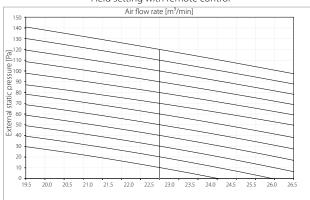


(2) Fan characteristics Air flow auto adjustment



- 1. Upper limit of ESP by air flow auto adjustment 2. Lower limit of ESP by air flow auto adjustment

(3) Fan characteristics Field setting with remote control



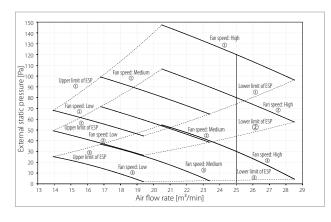
Mark		ESP [Pa]
1	Maximum	120
2	=	80
3	Standard	30

- The fan characteristics shown are in "fan only" mode.
 ESP: External static pressure

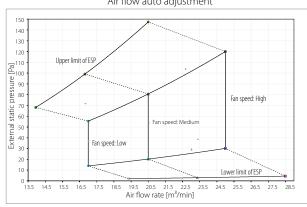
4D156628

FXSN50B

(1) Fan characteristics

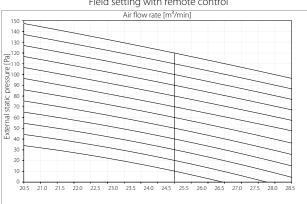


(2) Fan characteristics Air flow auto adjustment



- 1. Upper limit of ESP by air flow auto adjustment 2. Lower limit of ESP by air flow auto adjustment

(3) Fan characteristics Field setting with remote control



Mark		ESP [Pa]
1	Maximum	120
2	=	80
3	Standard	30

NOTES

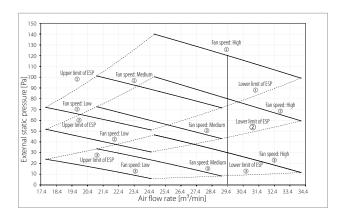
- The fan characteristics shown are in "fan only" mode. ESP: External static pressure

223

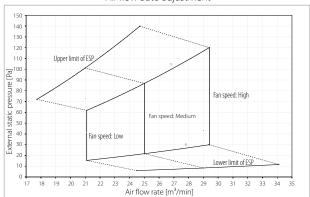
Click here to view all FXFN-B technical drawings on my.daikin.eu

FXSN63B

(1) Fan characteristics



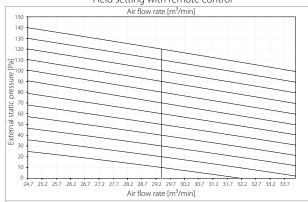
(2) Fan characteristics Air flow auto adjustment



- 1. Upper limit of ESP by air flow auto adjustment 2. Lower limit of ESP by air flow auto adjustment

Field setting with remote control Air flow rate [m³/min]

(3) Fan characteristics



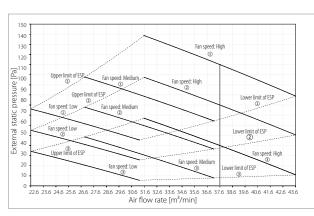
Mark		ESP [Pa]
1	Maximum	120
2	=	80
3	Standard	30

- The fan characteristics shown are in "fan only" mode.
- ESP: External static pressure

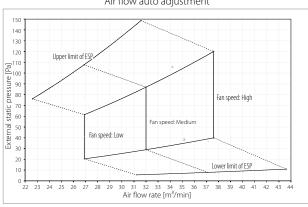
4D156630

FXSN80B

(1) Fan characteristics

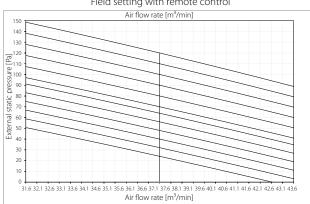


(2) Fan characteristics Air flow auto adjustment



- 1. Upper limit of ESP by air flow auto adjustment 2. Lower limit of ESP by air flow auto adjustment

(3) Fan characteristics Field setting with remote control

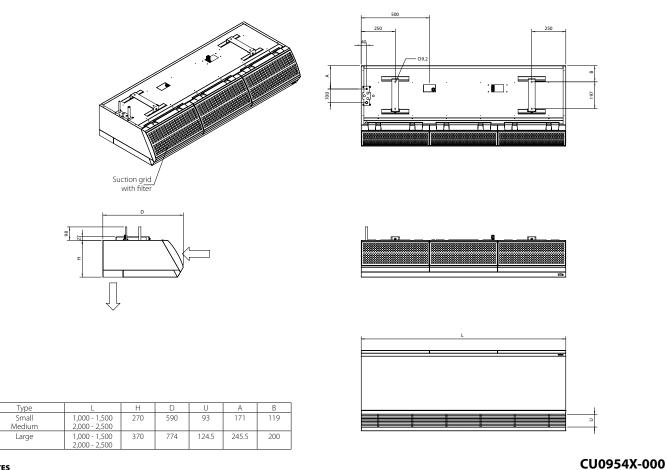


Mark		ESP [Pa]
1	Maximum	120
2	=	80
3	Standard	30

- The fan characteristics shown are in "fan only" mode. ESP: External static pressure



CYA-DK-F



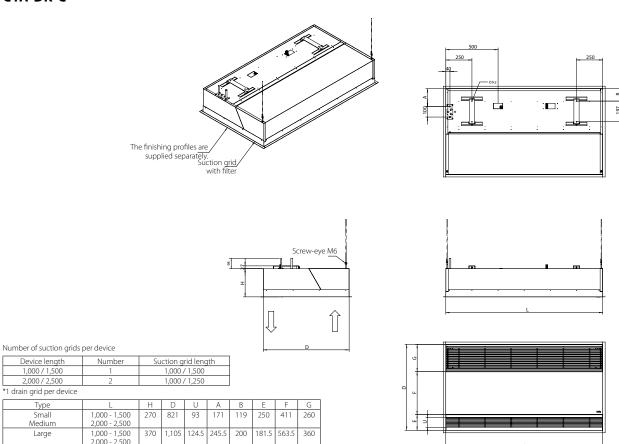
<u>Click here</u> to view all CYA-DK-F technical drawings

on my.daikin.eu

NOTES

1. The 2,500mm large devices have 3 suspension brackets, where the third bracket is mounted at half the length of the device.

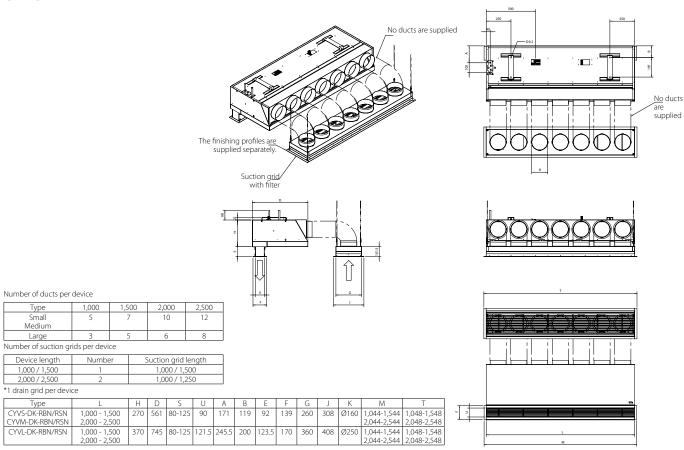
CYA-DK-C



- 1. The 2,500mm large devices have 3 suspension brackets, where the third bracket is mounted at half the length of the device.

 2. The mounting holes for finishing profiles in a lowered ceiling (L+8) x (D+8) mm

CYA-DK-R



NOTES

- 1. The 2,500mm large devices have 3 suspension brackets, where the third bracket is mounted at half the length of the device. 2. Holes (for finishing profiles) drain (L+8) \times (E+8) mm suction (L+8) \times (G+8) mm.

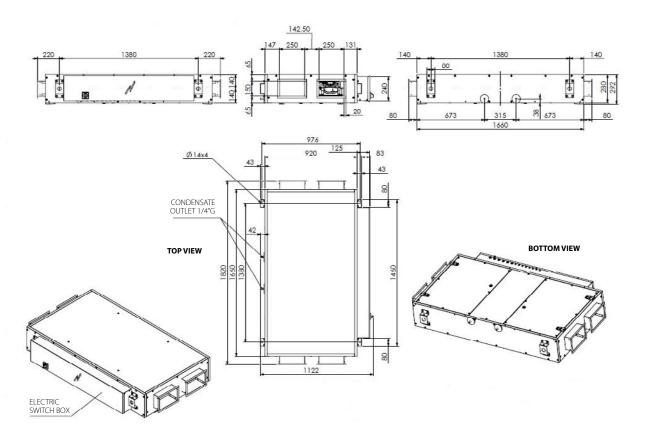
CU0956X-000



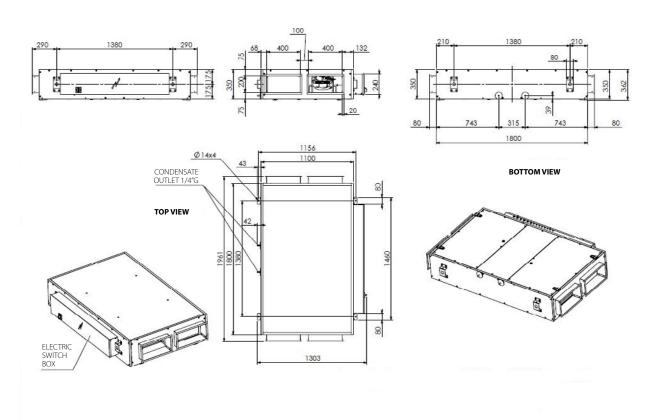
Ventilation

ALB-LBS/RBS	229
VAM-FC / VAM-J	235
EKVDX-A	243
VKM-GBM	248

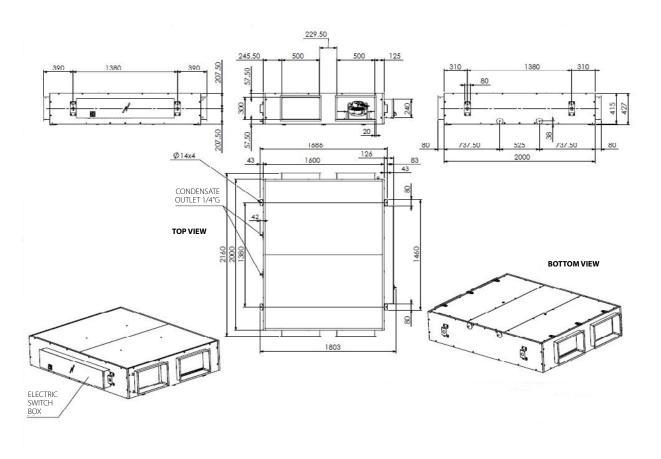
ALB02RBS/LBS



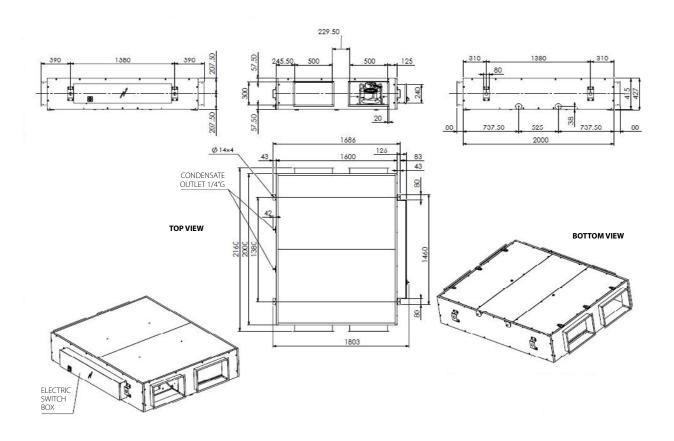
ALB03RBS/LBS



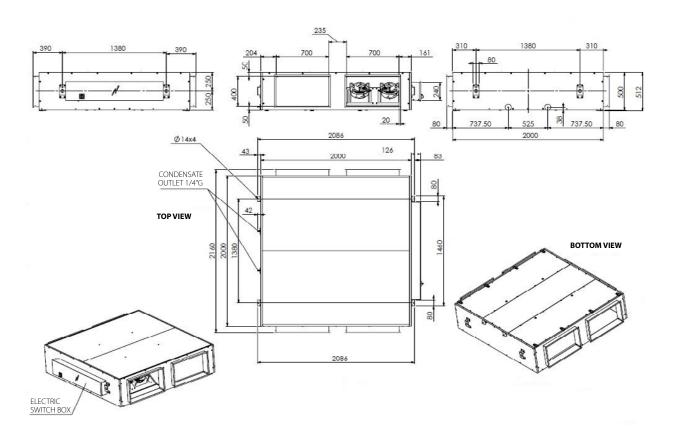
ALB04RBS/LBS



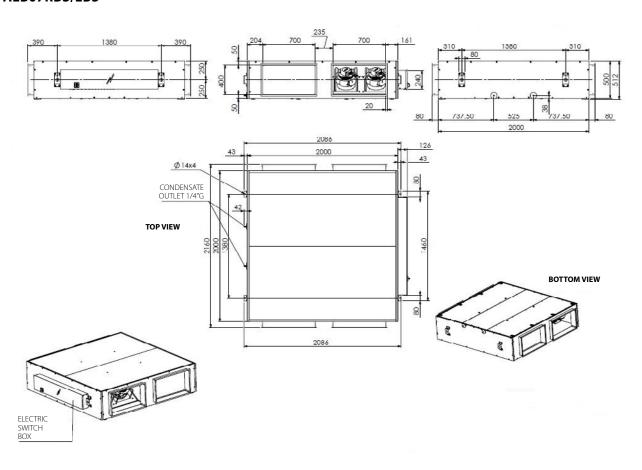
ALB05RBS/LBS



ALB06RBS/LBS

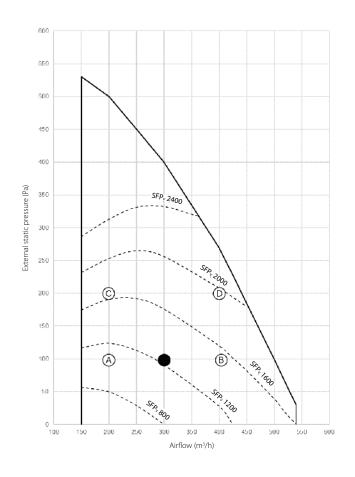


ALB07RBS/LBS



231

ALB02RBS/LBS



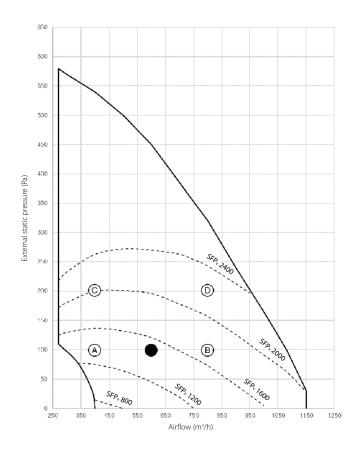
The diagram shows the available external pressure for the duct system given an airflow.

SFPv = Specific Fan Power (W/m³/s)

The SFPv curves are referring to the complete unit. Moreover, it includes power to both supply and extract fan divided by either the supply or extract volume whichever is the greater.

Nominal working point

ALB03RBS/LBS



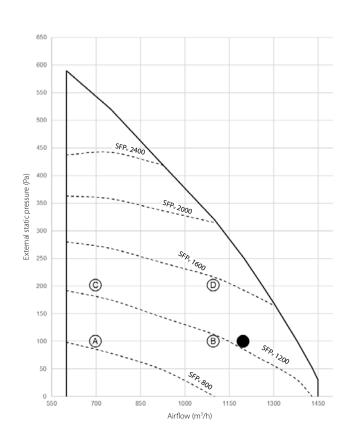
The diagram shows the available external pressure for the duct system given an airflow.

SFPv = Specific Fan Power (W/m³/s)

The SFPv curves are referring to the complete unit. Moreover, it includes power to both supply and extract fan divided by either the supply or extract volume whichever is the greater.

Nominal working point

ALB04RBS/LBS



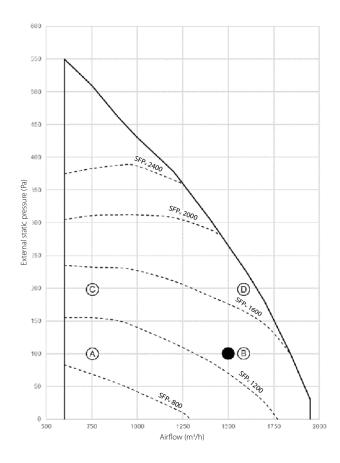
The diagram shows the available external pressure for the duct system given an airflow.

SFPv = Specific Fan Power (W/m³/s)

The SFPv curves are referring to the complete unit. Moreover, it includes power to both supply and extract fan divided by either the supply or extract volume whichever is the greater.

Nominal working point

ALB05RBS/LBS



The diagram shows the available external pressure for the duct system given an airflow.

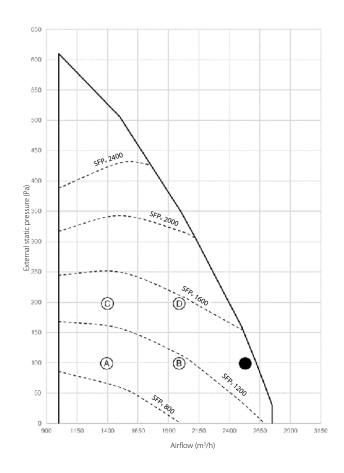
SFPv = Specific Fan Power (W/m³/s)

The SFPv curves are referring to the complete unit. Moreover, it includes power to both supply and extract fan divided by either the supply or extract volume whichever is the greater.

Nominal working point

233

ALB06RBS/LBS



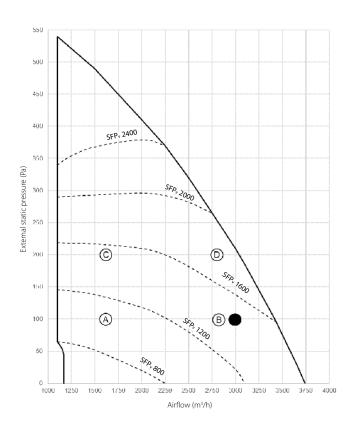
The diagram shows the available external pressure for the duct system given an airflow.

SFPv = Specific Fan Power (W/m³/s)

The SFPv curves are referring to the complete unit. Moreover, it includes power to both supply and extract fan divided by either the supply or extract volume whichever is the greater.

Nominal working point

ALB07RBS/LBS

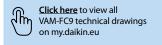


The diagram shows the available external pressure for the duct system given an airflow.

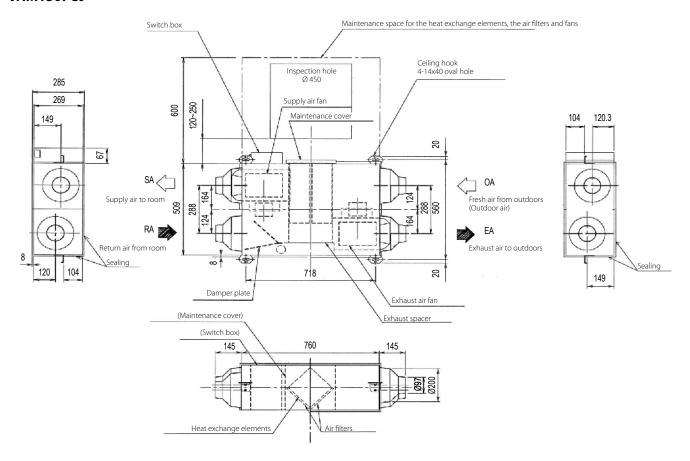
SFPv = Specific Fan Power (W/m³/s)

The SFPv curves are referring to the complete unit. Moreover, it includes power to both supply and extract fan divided by either the supply or extract volume whichever is the greater.

Nominal working point



VAM150FC9

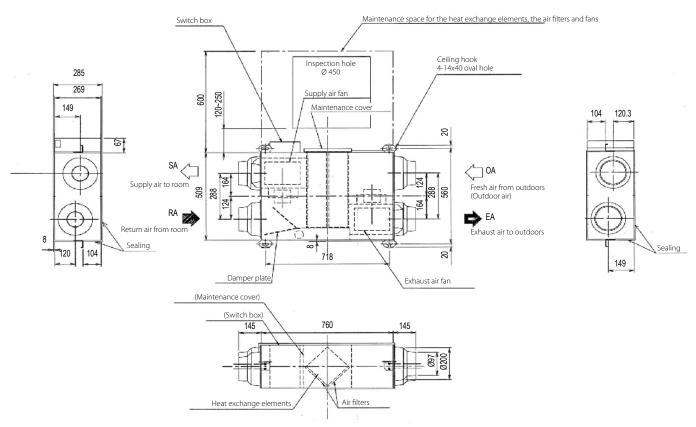


NOTES

1. Be sure to provide the inspection hole (450x450 mm) to inspect the air filters, the exchange elements and fans.

3TW27874-1

VAM250FC9

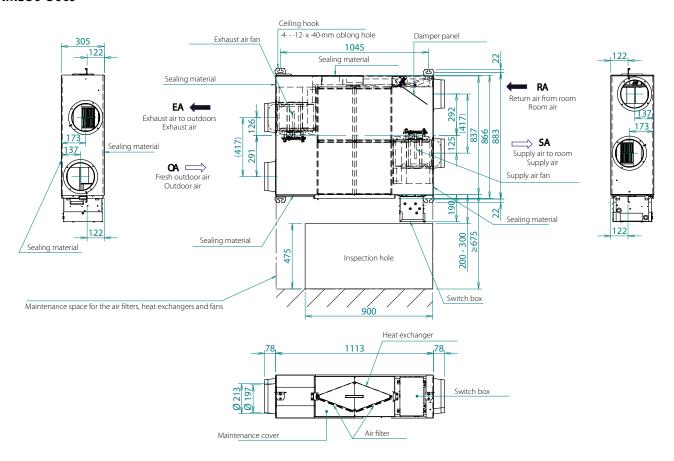


NOTES

1. Be sure to provide the inspection hole (450x450 mm) to inspect the air filters, the exchange elements and fans.



VAM350-500J

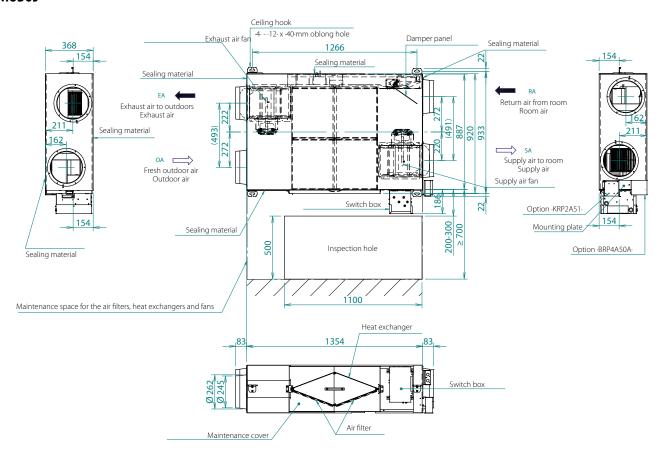


NOTES

1. To allow for the inspection of the air filters, heat exchangers, and fans, be sure to provide the inspection hole.

3D112815C

VAM650J

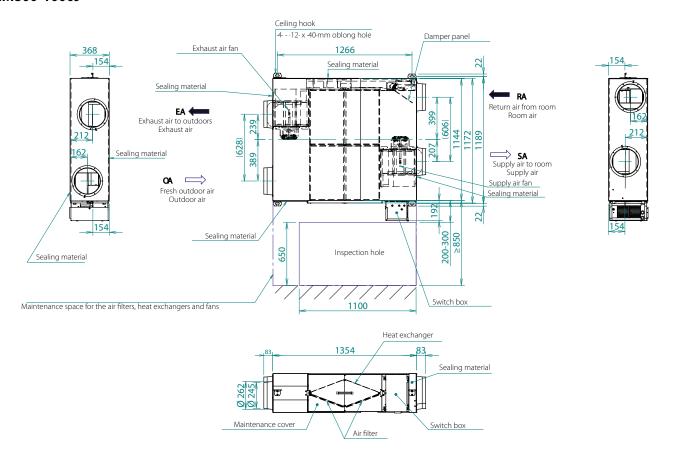


NOTES

1. To allow for the inspection of the air filters, heat exchangers, and fans, be sure to provide the inspection hole.



VAM800-1000J

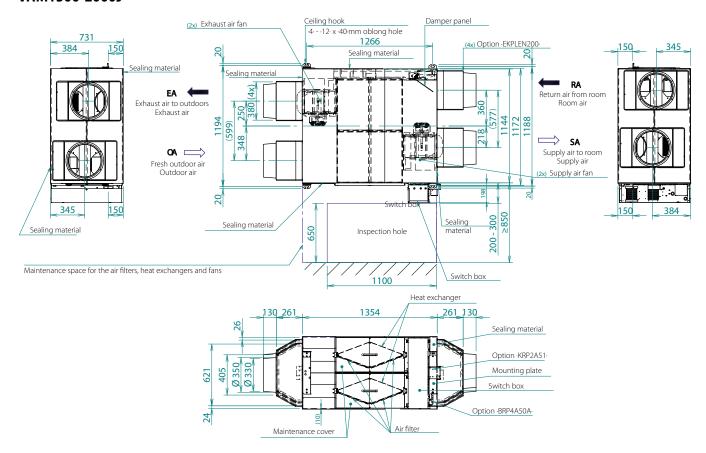


NOTES

1. To perform maintenance on the air filter, it is required to provide a service access panel.

3D112817D

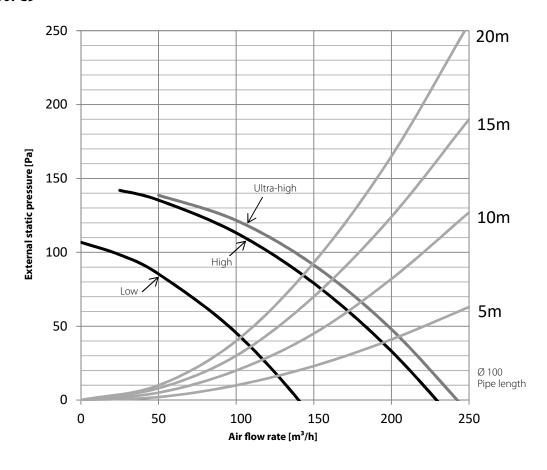
VAM1500-2000J



NOTES

1. To allow for the inspection of the air filters, heat exchangers, and fans, be sure to provide the inspection hole.

VAM150FC9

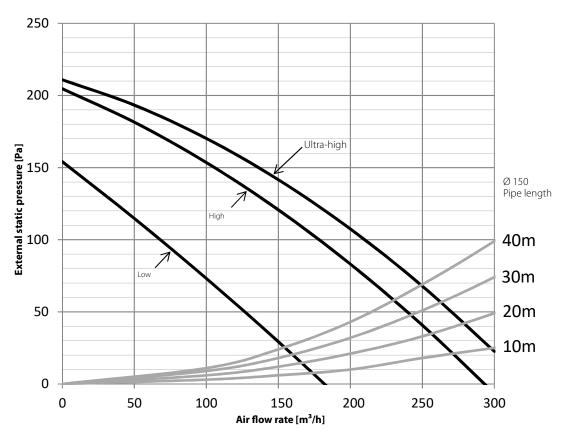


NOTES

1. The fan speeds are valid for ·230·V, ·50·Hz power supply.

4D100379A

VAM250FC

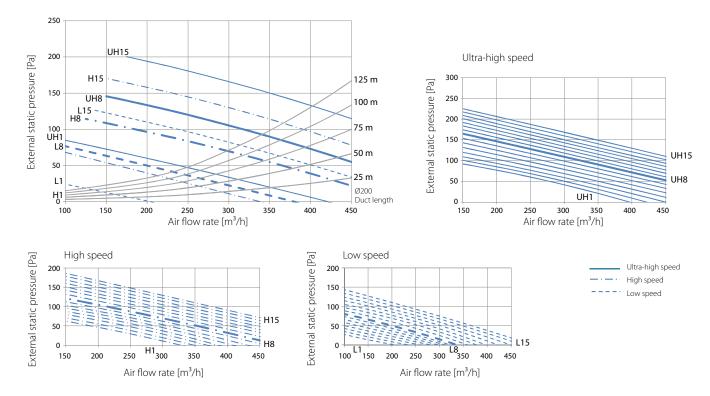


NOTES

1. The fan speeds are valid for $\cdot 230 \cdot V$, $\cdot 50 \cdot Hz$ power supply.



VAM350J



NOTES

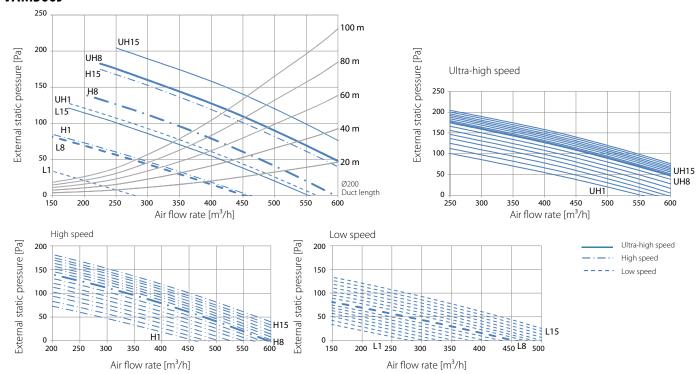
- 1. The fan curves are determined with ·1/3· of the ESP on the outdoor side (EA & OA·), and ·2/3· of the ESP on the indoor side (RA & SA·). EA = Exhaust air OA = Outdoor air
- A = Room air
 SA = Supply air
 2. Measured according to JIS B 8628 2003-

LEGEND

L1 = Low speed lower limitL8 = Low speed factory setting L15 = Low speed upper limit H1 = High speed lower limit H8 = High speed factory setting H15 = High speed upper limit UH1 = Ultra-high speed lower limit UH8 = Ultra-high speed factory setting UH15 = Ultra-high speed upper limit

3D113493B

VAM500J



NOTES

- 1. The fan curves are determined with ·1/3· of the ESP on the outdoor side (EA & OA), and ·2/3· of the ESP on the indoor side (-RA & SA-).
 - EA = Exhaust air
 - OA = Outdoor air
 - RA = Room air
- SA = Supply air
 2. Measured according to JIS B 8628 2003

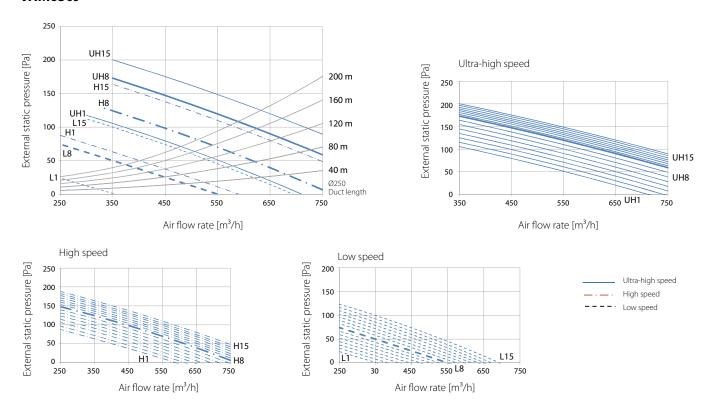
LEGEND

L1 = Low speed lower limit L8 = Low speed factory setting L15 = Low speed upper limit H1 = High speed lower limit H8 = High speed factory setting

H15 = High speed upper limit UH1 = Ultra-high speed lower limit UH8 = Ultra-high speed factory setting UH15 = Ultra-high speed upper limit

239

VAM650J



NOTES

- 1. The fan curves are determined with 1/3 of the ESP on the outdoor side (EA & OA), and 2/3 of the ESP on the indoor side (RA & SA).
 - EA = Exhaust air OA = Outdoor air
- A = Outdoor air

 RA = Room air

 SA = Supply air

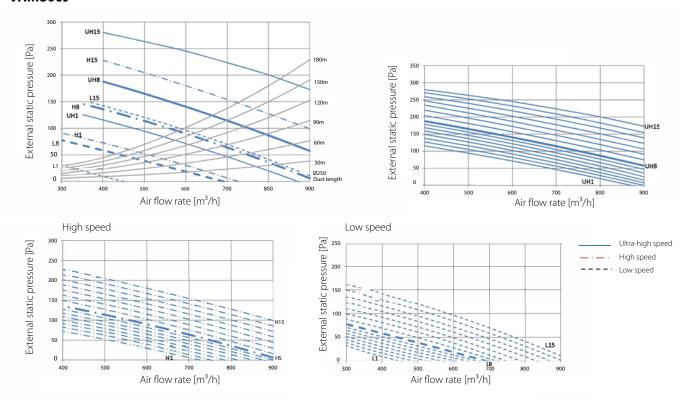
 2. Measured according to -JIS B 8628 2003-

LEGEND

L1 = Low speed lower limit L8 = Low speed factory setting L15 = Low speed upper limit H1 = High speed lower limit H8 = High speed factory setting H15 = High speed upper limit UH1 = Ultra-high speed lower limit UH8 = Ultra-high speed factory setting UH15 = Ultra-high speed upper limit

3D113495B

VAM800J



- 1. The fan curves are determined with 1/3 of the ESP on the outdoor side (EA & OA), and 2/3 of the ESP on the indoor side (RA & SA). EA = Exhaust air OA = Outdoor air RA = Room air

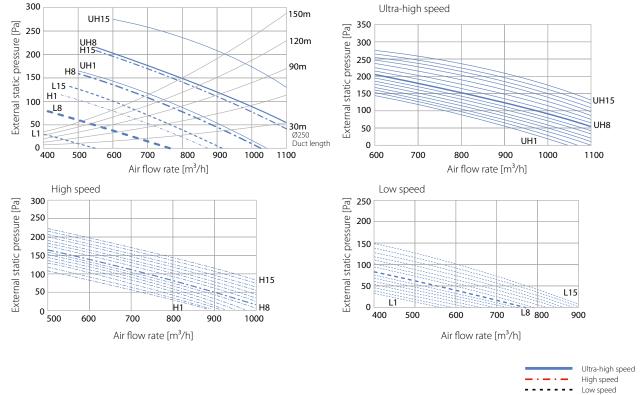
- SA = Supply air
 2. Measured according to JIS B 8628 2003-

LEGEND

- L1 = Low speed lower limit L8 = Low speed factory setting L15 = Low speed upper limit H1 = High speed lower limit H8 = High speed factory setting
- H15 = High speed upper limit UH1 = Ultra-high speed lower limit UH8 = Ultra-high speed factory setting UH15 = Ultra-high speed upper limit



VAM1000J



NOTES

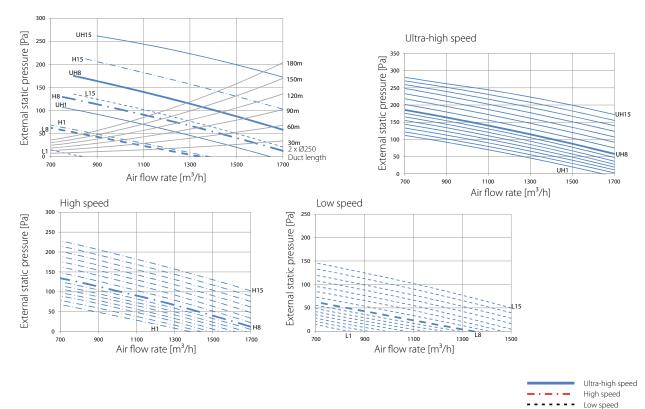
- 1. The fan curves are determined with 1/3 of the ESP on the outdoor side (EA & OA), and 2/3 of the ESP on the indoor side (RA & SA). EA = Exhaust air
 - OA = Outdoor air
- RA = Room air SA = Supply air
- 2. Measured according to JIS B 8628 2003

LEGEND

L1 = Low speed lower limitL8 = Low speed factory setting L15 = Low speed upper limit H1 = High speed lower limit H8 = High speed factory setting H15 = High speed upper limit UH1 = Ultra-high speed lower limit UH8 = Ultra-high speed factory setting UH15 = Ultra-high speed upper limit

3D112832A

VAM1500J



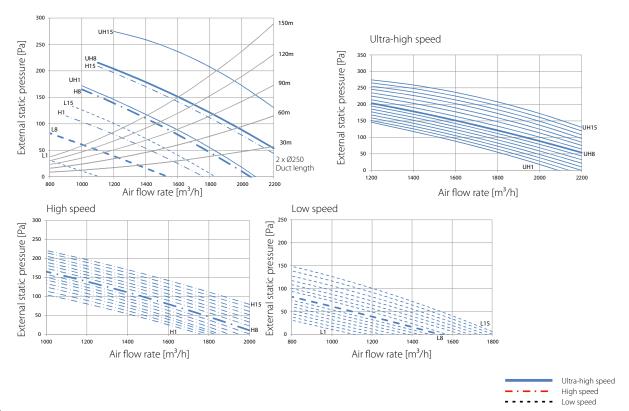
- I. The fan curves are determined with 1/3 of the ESP on the outdoor side (EA & OA), and 2/3 of the ESP on the indoor side (RA & SA).

 EA = Exhaust air
 OA = Outdoor air
 BA = Peopolis
- RA = Room air
- SA = Supply air
 2. Measured according to JIS B 8628 2003-

LEGEND

L1 = Low speed lower limit L8 = Low speed factory setting L15 = Low speed upper limit H1 = High speed lower limit H8 = High speed factory setting H15 = High speed upper limit UH1 = Ultra-high speed lower limit UH8 = Ultra-high speed factory setting UH15 = Ultra-high speed upper limit

VAM2000J



NOTES

I. The fan curves are determined with 1/3 of the ESP on the outdoor side (EA & OA), and 2/3 of the ESP on the indoor side (RA & SA).

EA = Exhaust air
OA = Outdoor air
RA = Room air
SA = Supply air
2. Measured according to JIS B 8628 - 2003-

LEGEND

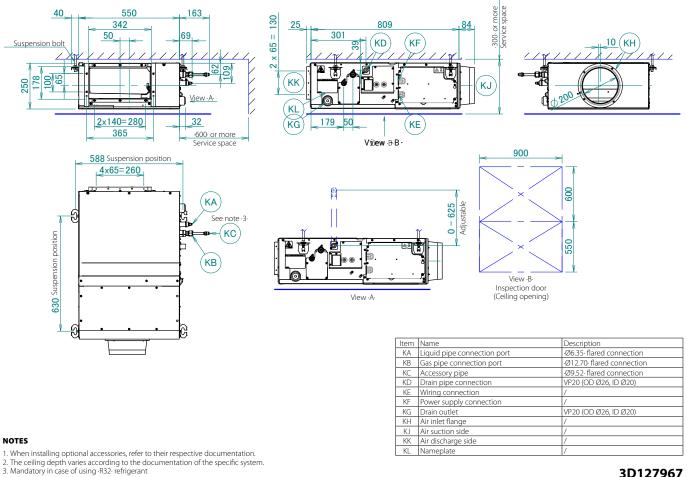
L1 = Low speed lower limit L8 = Low speed factory setting L15 = Low speed upper limit H1 = High speed lower limit H8 = High speed factory setting

H15 = High speed upper limit UH1 = Ultra-high speed lower limit UH8 = Ultra-high speed factory setting UH15 = Ultra-high speed upper limit

3D112839A

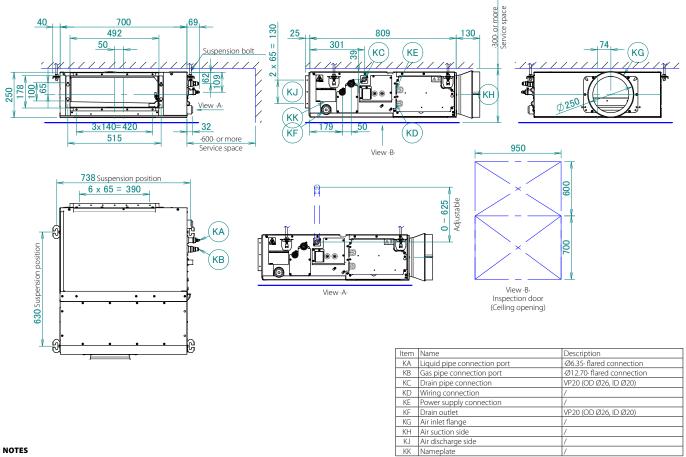


EKVDX32A



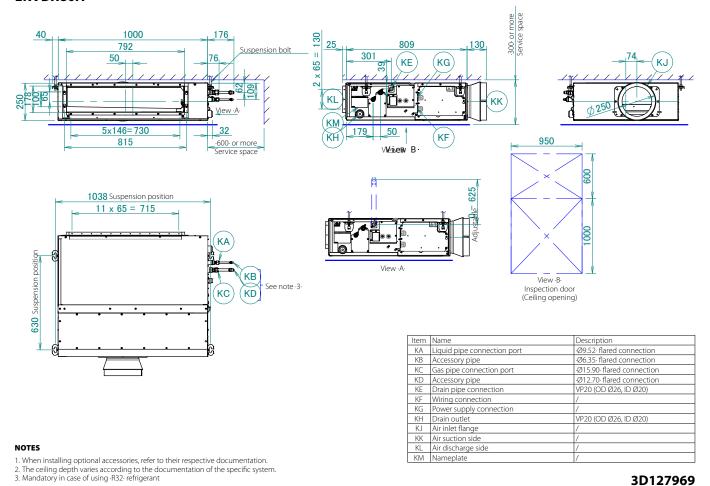
3D127967



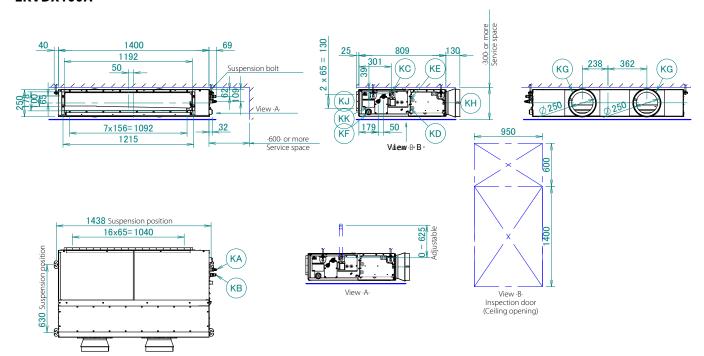


- 1. When installing optional accessories, refer to their respective documentation.
 2. The ceiling depth varies according to the documentation of the specific system.

EKVDX80A



EKVDX100A



Item Name

KB

KD KE

KA Liquid pipe connection port

Wiring connection Power supply connection Drain outlet KG Air inlet flange KH Air suction side KJ Air discharge side KK Nameplate

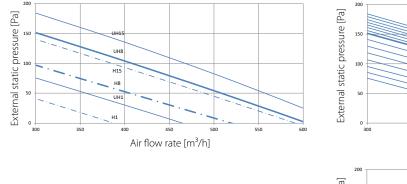
Gas pipe connection port Drain pipe connection

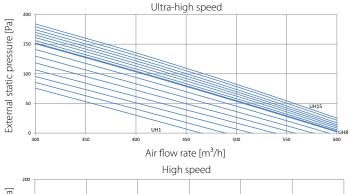
- 1. When installing optional accessories, refer to their respective documentation.
 2. The ceiling depth varies according to the documentation of the specific system.

Description ·Ø9.52· flared connection ·Ø15.90· flared connection



EKVDX32A

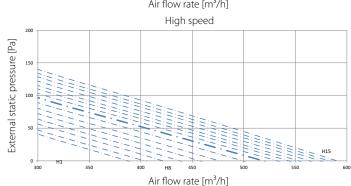




LEGEND

High speed lower limitHigh speed factory setting Н1 = High speed upper limit H15 Ultra-high speed lower limit
 Ultra-high speed factory setting UH1 UH15 = Ultra-high speed upper limit

Ultra-high speed High speed



NOTES

1. The fan curves are determined with ·1/3· of the ESP on the outdoor side (·EA & OA·), and ·2/3· of the ESP on the indoor side (·RA & SA·). EA = Exhaust air

OA = Outdoor air

RA = Room air SA = Supply air

2. The designed airflow of the system at H and UH tap should be kept as shown in the graphs. If the VAM airflow is out of this range, the compressor of the outdoor unit

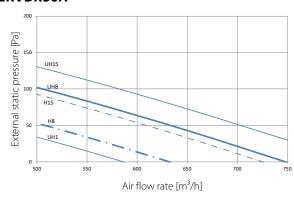
and the designed allowed it the system at raid of riap should be kept as shown in the graphs, in the whole allowed its starting, the compressor of the outdoor of may stop for selfprotection purposes.

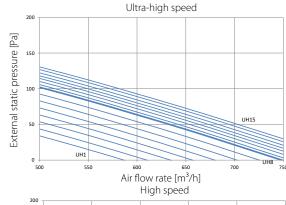
3. Unit operation with R32 refrigerant is possible in the shaded area of the graphs, but the R32 safety alarm will be triggered if the system airflow drops within this area during operation. No selection in this area is allowed.

4. Measured according to JIS B 8628 - 2003.

3D138264

EKVDX50A

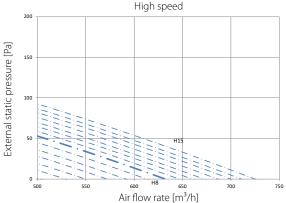




LEGEND

H1 = High speed lower limit
H8 = High speed factory setting
H15 = High speed upper limit
H16 = Ultra-high speed lower limit
H17 = Ultra-high speed factory setting
H18 = Ultra-high speed upper limit

Ultra-high speed High speed



NOTES

1. The fan curves are determined with ·1/3· of the ESP on the outdoor side (EA & OA), and ·2/3· of the ESP on the indoor side (RA & SA).

EA = Exhaust air

OA = Outdoor air

A = Cottoo air

RA = Room air

SA = Supply air

2. The designed airflow of the system at H and UH tap should be kept as shown in the graphs. If the -VAM- airflow is out of this range, the compressor of the outdoor unit

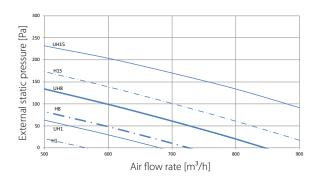
may stop for selfprotection purposes.

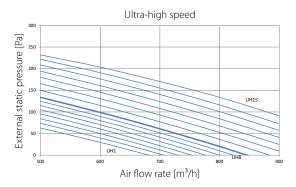
3. Measured according to JIS B 8628 - 2003-

3D138265

Click here to view all EKVDX-A technical drawings on my.daikin.eu

EKVDX50A

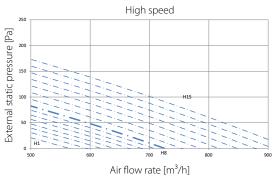




LEGEND

High speed lower limit
High speed factory setting
High speed upper limit
Ultra-high speed lower limit
Ultra-high speed factory setting H15 UH1 UH8 UH15 = Ultra-high speed upper limit

Ultra-high speed High speed



1. The fan curves are determined with $\cdot 1/3 \cdot$ of the ESP on the outdoor side (EA & OA·), and $\cdot 2/3 \cdot$ of the ESP on the indoor side (RA & SA).

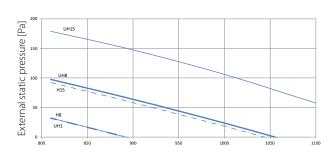
EA = Exhaust air OA = Outdoor air RA = Room air SA = Supply air

2. The designed airflow of the system at H and UH tap should be kept as shown in the graphs. If the -VAM- airflow is out of this range, the compressor of the outdoor unit may stop for self-protection purposes.

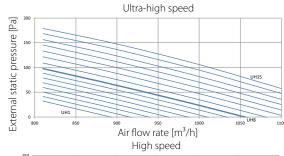
3. Measured according to -JIS B 8628 - 2003-

3D138266

EKVDX80A



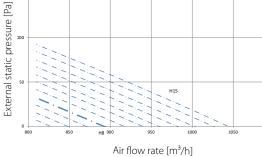
Air flow rate [m³/h]



LEGEND

H1 = High speed lower limit
H8 = High speed factory setting
H15 = High speed upper limit
H16 = Ultra-high speed lower limit
H17 = Ultra-high speed factory setting
H18 = Ultra-high speed upper limit

Ultra-high speed High speed



NOTES

1. The fan curves are determined with ·1/3· of the ESP on the outdoor side (EA & OA), and ·2/3· of the ESP on the indoor side (RA & SA).

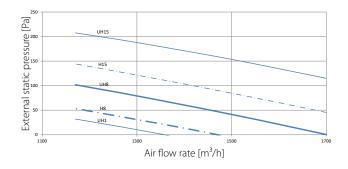
EA = Exhaust air
OA = Outdoor air
RA = Room air
SA = Supply air
2. The designed airflow of the system at H and UH tap should be kept as shown in the graphs. If the ·VAM· airflow is out of this range, the compressor of the outdoor unit

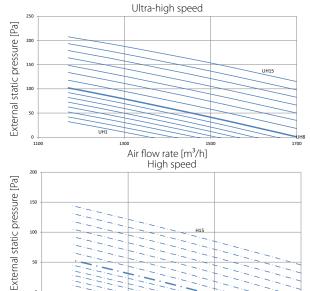
may stop for selfprotection purposes.

3. Measured according to JIS B 8628 - 2003-



EKVDX100A





Air flow rate [m³/h]

LEGEND

High speed lower limitHigh speed factory setting H15 = High speed upper limit Ultra-high speed lower limit
 Ultra-high speed factory setting UH1

UH15 = Ultra-high speed upper limit

Ultra-high speed High speed

1. The fan curves are determined with $\cdot 1/3 \cdot$ of the ESP on the outdoor side (EA & OA·), and $\cdot 2/3 \cdot$ of the ESP on the indoor side (RA & SA).

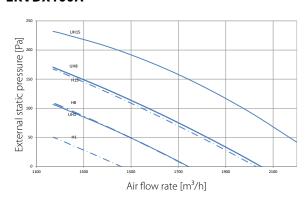
EA = Exhaust air OA = Outdoor air RA = Room air SA = Supply air

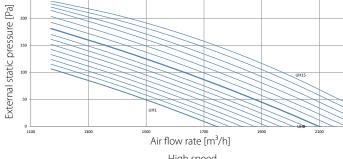
2. The designed airflow of the system at H and UH tap should be kept as shown in the graphs. If the -VAM- airflow is out of this range, the compressor of the outdoor unit may stop for selfprotection purposes.

3. Measured according to -JIS B 8628 - 2003-

3D138268

EKVDX100A



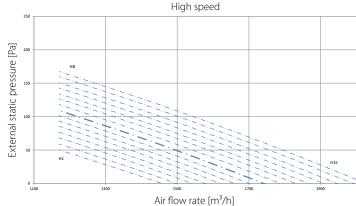


Ultra-high speed

LEGEND

H1 = High speed lower limit
H8 = High speed factory setting
H15 = High speed upper limit
H16 = Ultra-high speed lower limit
H17 = Ultra-high speed factory setting
H18 = Ultra-high speed upper limit

Ultra-high speed High speed



NOTES

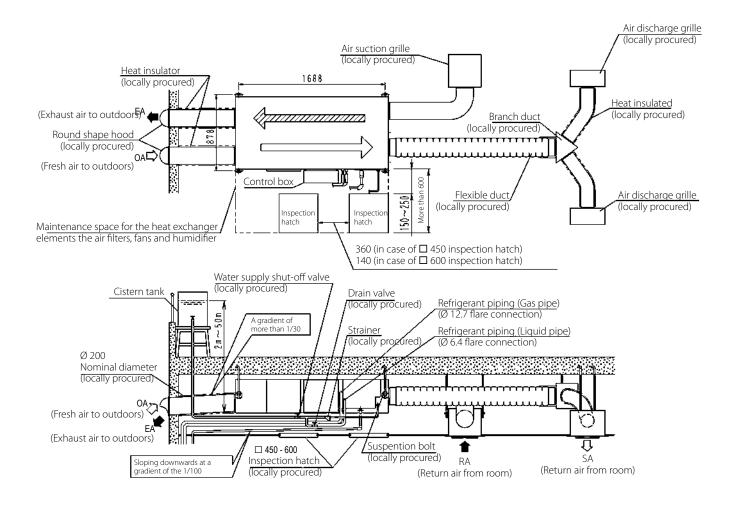
1. The fan curves are determined with ·1/3· of the ESP on the outdoor side (EA & OA), and ·2/3· of the ESP on the indoor side (RA & SA).

EA = Exhaust air
OA = Outdoor air
RA = Room air
SA = Supply air
2. The designed airflow of the system at H and UH tap should be kept as shown in the graphs. If the ·VAM· airflow is out of this range, the compressor of the outdoor unit

may stop for selfprotection purposes.

3. Measured according to JIS B 8628 - 2003-

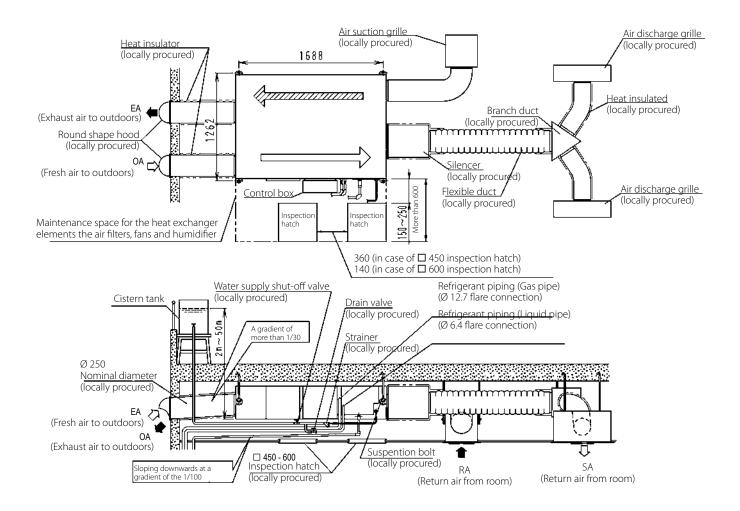
VKM50GBM



- 1. Leave space for servicing the unit and include inspection hatch. (Always open a hole on the side of the control box so that the air filters heat exchange elements, and fans can easily be inspected and serviced.)
- 2. Install the two outdoor ducts with down slope (slope of 1/30 or more) to prevent entry of rain water, also, provide insulation for three ducts (outdoor ducts and indoor supply air duct) to prevent dew condensation. (Material: glass wool of 25mm thick)
- 3. Do not turn the unit upside down.
- 4. Use city water or clean water.
 - Include water supply piping with strainer, a water supply shut-off valve, and a drain valve (both locally procured) somewhere along the water supply piping that can be reached from the inspection.
- 5. It is impossible to connect the water supply piping directly to public piping. Use a cistern tank (of the approved type), if you need to get your water supply from public piping.
- 6. Make sure the supply water 0.02MPa to 0.49MPa (0.2 kg/cm² to 5 kg/cm²)
- 7. Make sure the supply water is between 5°C and 40°C in temperature.
- 8. Insulate the water supply piping to prevent condensation from forming.
- 9. Make sure to install drain piping, and insulate drain piping to prevent dew condensation.
- 10. Keep the drain pipe short and sloping downwards at a gradient of at least 1/100 to prevent air from forming.
- 11. Install in a location where the air around the unit or taken into the umidifier will not drop below 0°C.
- 12. Do not use a bent cap or a round hood as the outdoor hood if they might get rained on directly (we recommend using a deep hood) (optional accessory).
- 13. In areas where freezing may occur, always take steps to prevent the pipes from freezing.
- 14. Do not place something which shouldn't get wet at the below of this unit. The dew would fall at following case, where humidity is 80% more, or the exit of drain socket is choked up, or the air filter is very dirty.
- 15. Feed clean water. If the supply water is hard water, use a water softener because of short life.

 Life of humidifying element is about 3 years (4,000 hours), under the supply water conditions of hardness: 150 mg/L. (Life of humidifying element is about 1 years (1,500 hours), under the supply water conditions of hardness: 400 mg/L.)

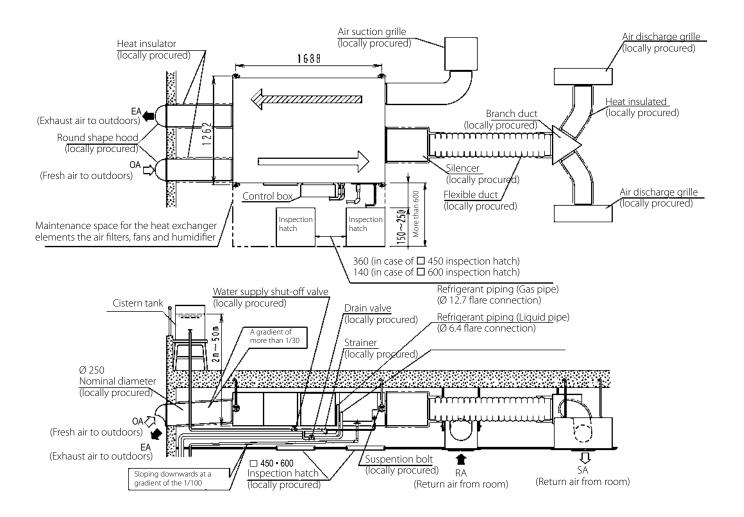
VKM80GBM



- 1. Leave space for servicing the unit and include inspection hatch. (Always open a hole on the side of the control box so that the air filters heat exchange elements, and fans can easily be inspected and serviced.)
- 2. Install the two outdoor ducts with down slope (slope of 1/30 or more) to prevent entry of rain water, also, provide insulation for three ducts (outdoor ducts and indoor supply air duct) to prevent dew condensation. (Material: glass wool of 25mm thick)
- 3. Do not turn the unit upside down.
- 4. Use city water or clean water.
 - Include water supply piping with strainer, a water supply shut-off valve, and a drain valve (both locally procured) somewhere along the water supply piping that can be reached from the inspection.
- 5. It is impossible to connect the water supply piping directly to public piping. Use a cistern tank (of the approved type), if you need to get your water supply from public piping.
- 6. Make sure the supply water 0.02MPa to 0.49MPa (0.2 kg/cm² to 5 kg/cm²)
- 7. Make sure the supply water is between 5°C and 40°C in temperature.
- 8. Insulate the water supply piping to prevent condensation from forming.
- 9. Make sure to install drain piping, and insulate drain piping to prevent dew condensation.
- 10. Keep the drain pipe short and sloping downwards at a gradient of at least 1/100 to prevent air from forming.
- 11. Install in a location where the air around the unit or taken into the umidifier will not drop below 0°C.
- 12. Do not use a bent cap or a round hood as the outdoor hood if they might get rained on directly (we recommend using a deep hood) (optional accessory).
- 13. In areas where freezing may occur, always take steps to prevent the pipes from freezing.
- 14. Do not place something which shouldn't get wet at the below of this unit. The dew would fall at following case, where humidity is 80% more, or the exit of drain socket is choked up, or the air filter is very dirty.
- 15. Feed clean water. If the supply water is hard water, use a water softener because of short life.

 Life of humidifying element is about 3 years (4,000 hours), under the supply water conditions of hardness: 150 mg/L. (Life of humidifying element is about 1 years (1,500 hours), under the supply water conditions of hardness: 400 mg/L.)

VKM100GBM

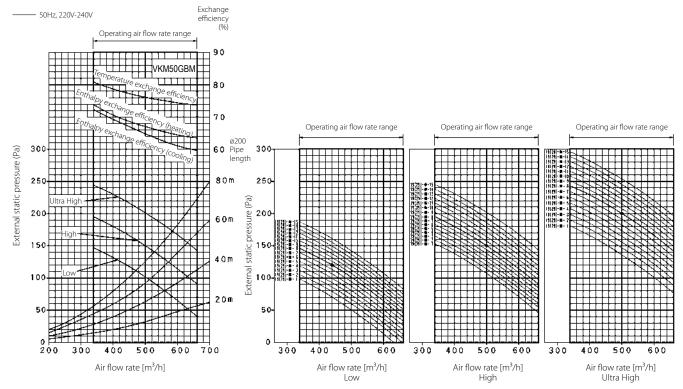


- 1. Leave space for servicing the unit and include inspection hatch. (Always open a hole on the side of the control box so that the air filters, heat exchange elements, fans and humidifier elements can easily be inspected and serviced.)
- 2. Install the two outdoor ducts with down slope (slope of 1/30 or more) to prevent entry of rain water. Also, provide insulation for three ducts (outdoor ducts and indoor supply air duct) to prevent dew condensation. (Material: glass wool of 25mm thick)
- 3. Do not turn the unit upside down.
- 4. Use city water or clean water.
 - Include water supply piping with strainer, a water supply shut-off valve, and a drain valve (both locally procured) somewhere along the water supply piping that can be reached from the inspection.
- 5. It is impossible to connect the water supply piping directly to public piping. Use a cistern tank (of the approved type), if you need to get your water supply from public piping.
- 6. Make sure the supply water 0.02MPa to 0.49MPa (0.2 kg/cm² to 5 kg/cm²)
- 7. Make sure the supply water is between 5°C and 40°C in temperature.
- 8. Insulate the water supply piping to prevent condensation from forming.
- 9. Make sure to install drain piping, and insulate drain piping to prevent dew condensation.
- 10. Keep the drain pipe short and sloping downwards at a gradient of at least 1/100 to prevent air from forming.
- 11. Install in a location where the air around the unit or taken into the umidifier will not drop below 0°C
- 12. Do not use a bent cap or a round hood as the outdoor hood if they might get rained on directly (we recommend using a deep hood) (optional accessory).
- 13. In areas where freezing may occur, always take steps to prevent the pipes from freezing.
- 14. Do not place something which shouldn't get wet at the below of this unit. The dew would fall at following case, where humidity is 80% more, or the exit of drain socket is choked up, or the air filter is very dirty.
- 15. Feed clean water. If the supply water is hard water, use a water softener because of short life.

 Life of humidifying element is about 3 years (4,000 hours), under the supply water conditions of hardness: 150 mg/L. (Life of humidifying element is about 1 years (1,500 hours), under the supply water conditions of hardness: 400 mg/L.)



VKM50GBM



[READING OF PERFORMANCE CHARACTERISTICS]

1. For example: 19(29)-*****-07

Mode no.: 19(29)

First code: * (Supply [2] Exhaust [3])

Second code no.: 07

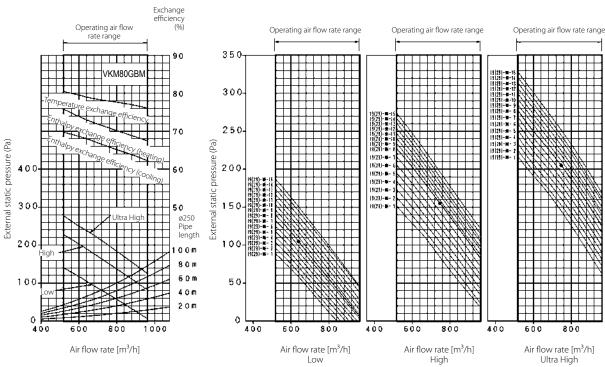
2. Rated point: •

3. The characteristic of each tap becomes a setup of the characteristic of the same code number.

3D082901

VKM80GBM





[READING OF PERFORMANCE CHARACTERISTICS]

1. For example: 19(29)-**X**-07

Mode no.: 19(29)

First code: ***** (Supply **[**2**]** Exhaust **[**3**]**) Second code no.: 07

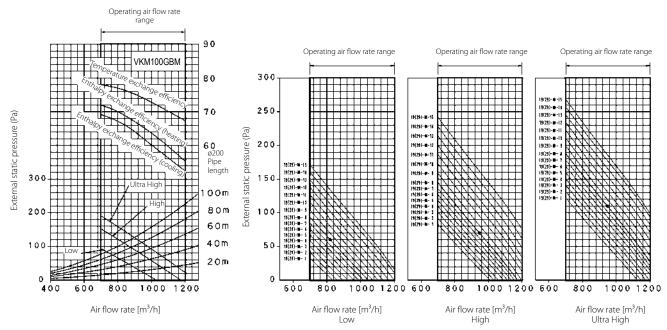
2. Rated point: ●

3. The characteristic of each tap becomes a setup of the characteristic of the same code number.

3D082902

VKM100GBM





[READING OF PERFORMANCE CHARACTERISTICS]

For example: 19(29)-X-07
 Mode no.: 19(29)
 First code: X (Supply [2] Exhaust [3])
 Second code no.: 07

2. Rated point: •

3. The characteristic of each tap becomes a setup of the characteristic of the same code number.

3D082903

Power supply

T1 = 3~, 220V, 50Hz V1 = 1~, 220-240V, 50Hz

VE = 1~, 220-240V/220V, 50Hz/60Hz*

 $V3 = 1\sim$, 230V, 50Hz

VM = 1~, 220~240V/220~230V, 50Hz/60Hz

 $W1 = 3N\sim, 400V, 50Hz$ $Y1 = 3\sim, 400V, 50Hz$

Conversion table refrigerant piping

inch	mm
1/4″	6.4 mm
3/8″	9.5 mm
1/2″	12.7 mm
5/8″	15.9 mm
3/4″	19.1 mm
⁷ /8″	22.2 mm
1 ¹/8″	28.5 mm
1³/8″	34.9 mm
1 ⁵ /8″	41.3 mm
13/4"	44.5 mm
2″	50.8 mm
2 1/8"	54 mm

F-gas regulation

Any refrigeration system that contains fluorinated greenhouse gases is in scope of the F-gas regulations. For fully/partially pre-charged equipment: contains fluorinated greenhouse gases. Actual refrigerant charge depends on the final unit construction, details can be found on the unit labels and in the notes underneath the specification tables in this catalogue. For non pre-charged equipment (including, but not limited to racks): its functioning relies on fluorinated greenhouse gases. The F-gas regulations do not apply to systems that contain only natural refrigerants such as propane or carbon dioxide.

Measuring conditions

Air conditioning

1) Nominal cooling capacities are based on:	
Indoor temperature	27°CDB/19°CWB
Outdoor temperature	35°CDB
Refrigerant piping length	7.5m - 8/5m VRV
Level difference	0m
2) Nominal heating capacities are based on:	
Indoor temperature	20°CDB
Outdoor temperature	7°CDB/6°CWB
Refrigerant piping length	7.5m - 8/5m VRV
Level difference	0m

Refrigeration

ZEAS	Chilling		Evaporating temp10°C; outdoor temp. 32°C; Suction SH10°C
	Freezing		Evaporating temp35°C; outdoor temp. 32°C; Suction SH10°C
Conveni-Pack	Mix Air conditioning and refrigeration operating mode		Indoor temp. 27°CDB/19°CWB; outdoor temp. 32°CDB; piping length:7.5m; level difference: 0m; refrigeration side: Evaporating temp10°C; outdoor temp. 32°CDB; Suction SH: 10°C
	Mix heating and refrigeration operating mode (Heating recovery 100% mode)		Indoor temp. 20°C; outdoor temp. 7°CDB,6°CWB; advertised refrigerant load (Evaporating temp -10°C; Suction SH: 10°C); piping length:7.5m; level difference: 0m
Booster unit			Evaporating temp35°C; outdoor temp. 32°C; suction SH 10K; saturated temp. to discharge pressure of booster unit -10°C
CCU/SCU	Medium temperature application		Medium temperature application: Outside ambient temp. 32°C; Evaporating temp. = -10°C and 10K superheat;
	Low temperate	ure application	Low temperature application: Outside ambient temp. 32°C; Evaporating temp. = -35°C and 20°C suction gas temperature
Zanotti	III DI A D' DI A	High temperature	When normally running: +10°C / +30°C
	Uni-Block, Bi-Block, Wineblock	Medium temperature	When normally running: 0°C / 30°C
		Low temperature	When normally running: -20°C / +30°C
	CU (one, twin, and more	Medium temperature	Outside ambient temp. 32°C; Evaporating temp. = -10°C and 20°C suction gas temperature
	compressor(s))	Low temperature	Outside ambient temp. 32°C; Evaporating temp. = -35°C and 20°C suction gas temperature

Applied systems

Air cooled	Coolin	g only	Evaporator: 12°C/7°C	Ambient: 35°CDB
	Hank		Evaporator: 12°C/7°C	Ambient: 35°C
	пеат	pump	Condenser: 40°C/45°C	Ambient: 7°CDB/6°CWB
Water cooled	Coolin	م مماید	Evaporator: 12°C/7°C	
	Cooling only		Condenser: 30°C/35°C	
	Heating only		Evaporator: 12°C/7°C	
			Condenser: 40°C/45°C	
Condenserless chiller			Evaporator: 12°C/7°C	
			Condensing temperature: 45°C / liquid temperature: 40°C	
Fan coil units	Coo	ling	Indoor temperature 27°CDB, 19°CWB; entering water temperature 7°C, water temperature rise 5K	
	Heating	2-pipe	$Indoor\ temperature\ 20^{\circ}CDB, 15^{\circ}CWB; entering\ water\ temperature\ 45^{\circ}C, water\ temperature\ drop\ 5K$	
	rieating	4-pipe	Indoor temperature 20°CDB, 15°CWB; entering water temperature 65°C, water temperature drop 10K	
Air Handling Units			Temperature and humidity conditions: Extract air 22°C / 50%; Fresh air -10°C / 90%	

The sound pressure level is measured via a microphone at a certain distance from the unit. It is a relative value, depending on the distance and acoustic environment (for measuring conditions: please refer to the technical databooks). The sound power level is an absolute value indicating the "power" which a sound source generates. For more detailed information please consult our technical databooks.

^{*} For VE power supply only 1~, 220-240V, 50Hz data is displayed in this catalogue.





Launching VRV 5 heat pumps

Continuing our path to lower CO₂ equivalent solutions











Decarbonisation of buildings made easy:

Benefit from leading VRV 5 technology!

Adapts to any building

- Extensive piping lengths & heights
- 5 low sound steps down to 41 dB(A)

Reduces the CO₂ footprint significantly

- High, real life seasonal efficiency
- Lower GWP refrigerant R-32

Shîrudo Technology provides peace of mind

- Easy installation of R-32 VRV in any size of room
- Factory-integrated refrigerant control measures avoids time-consuming studies
- 3rd party certification according to the product standard IEC60335-2-40

Widest R-32 portfolio to match any application

- 11 indoor unit models in 96 variations
- Plug & Play ventilation solutions from 150 up to 140,000 m³/h
- Strong range of intuitive, cloud based controls

Specialised advice and support

- Maximise BREEAM, LEED, ... scores thanks to VRV 5 and our expert
- Online support software to ensure compliance with product standards

Learn more by visiting www.daikin.eu/vrv5

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ECPEN25-200



Performance programme for Fan Coil Units and Variable Refrigerant Flow systems.

Daikin Applied Europe S.p.A participates in the Eurovent Certified Performance programme for Liquid Chilling Packages Hydronic Heat Pumps and Air Handling Units.

Check ongoing validity of certificate





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