Product catalogue 2025 for professionals



VRV 5 S-series

VRV 5 Heat Recovery

VRV 5 Heat Pump

VRV, Purpose-built to support the decarbonisation of commercial buildings

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

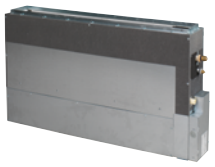
New VRV 5 heat recovery – REYA-A9/REMA-A9 – p. 36
- Compatible to IEC60335-2-40 Ed.7, allowing even more flexible system design

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



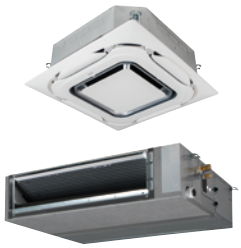




CO_2 VRV, the low GWP solution

RXYN-B

p. 111
- Enabling you to tackle projects requesting natural refrigerants
- Using the natural refrigerant CO_2 (R-744)
- With a low GWP of 1, CO_2 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

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EXAMPLE

Remain at the forefront with Daikin VRV

Offering flexible, easy to install heat pumps, supporting decarbonisation

R-744

Our long-term strategic vision for the VRF market

CO_2 VRV

GWP	Type
1	A1

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

R-32

Future-proofing today's installations

VRV 5 LOOP BY DAIKIN

GWP	Type
675	A2L

- Unparallelled solution to easily decarbonise buildings now
- Top sustainability over the entire lifecycle

R-410A

Transition away

VRV IV+

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 CO_2 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.



AI 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



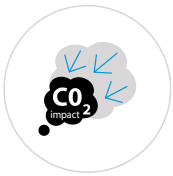
Our solutions are in line with or ahead of legislation, proving you complete peace of mind



Benefits of R-32

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

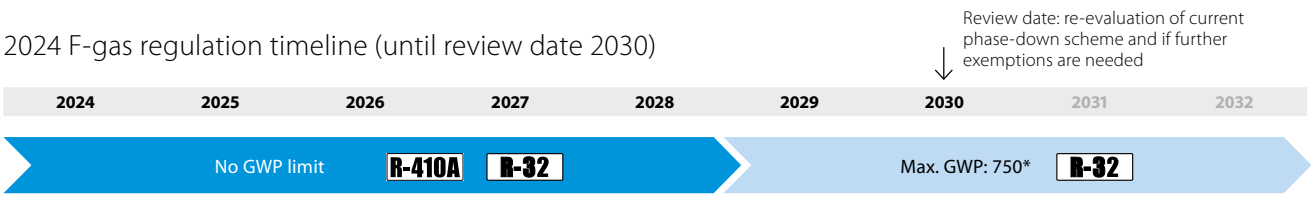
- **Lower Global Warming Potential (GWP)**: only 1/3rd of R-410A
- **Lower refrigerant charge**: up to 15% less compared to R-410A
- **Higher energy efficiency**, greatly reducing the indirect CO_2 eq. impact
- **Single component refrigerant**, easy to handle and recycle.



Ahead of the new F-gas regulation

- All VRV 5 investments made are **fully future-proof** and the best answer to decarbonize buildings today!

2024 F-gas regulation timeline (until review date 2030)



* With safety exemptions
Confirmed timings considering available quota



Servicing of existing equipment remains possible for the entire lifetime of the products



Benefits of VRV systems

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

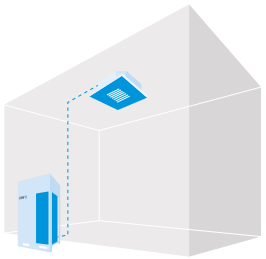
More responsive

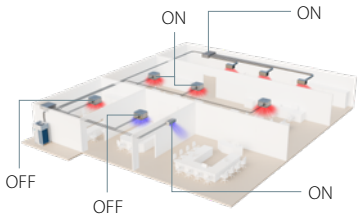
- **Immediate reaction** to changing conditions helps avoid overheating
- **Highly efficient**: Only 2 energy transfer steps are needed (from air to refrigerant, and from refrigerant to air)[1]



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?

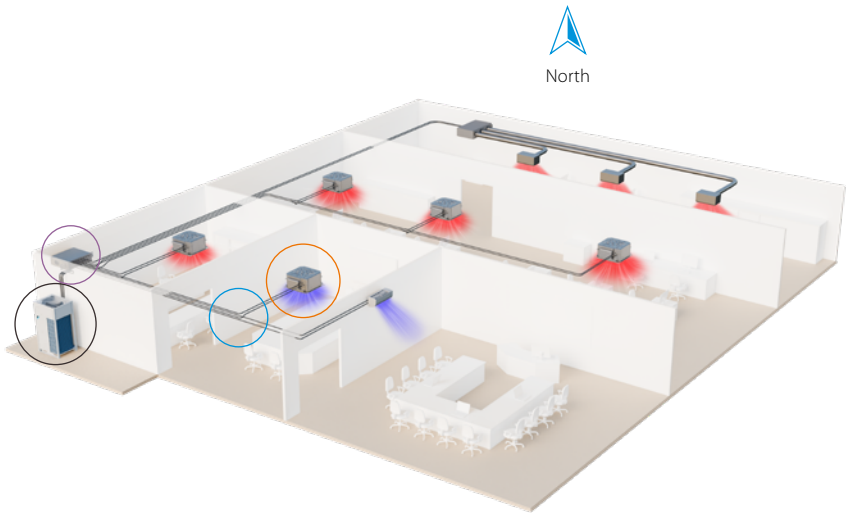
VRV Heat recovery

- 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

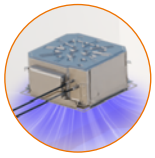
- Maximum individual comfort in all areas
- Technical cooling down to -20°C
- Running costs of VRV heat recovery system can be 30 to 40% lower compared to water fan coil system (2)



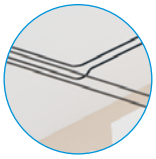
Components:



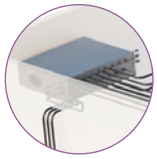
Outdoor unit



Indoor unit



3-pipe refrigerant piping

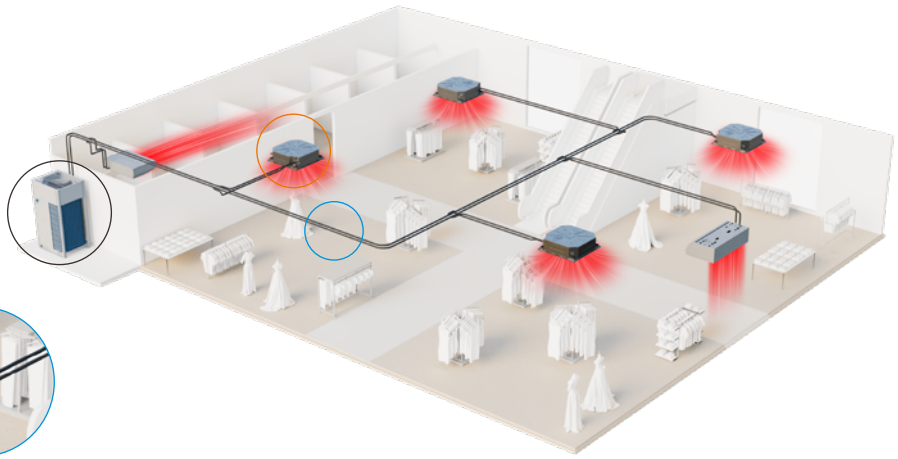


BS boxes: allows the individual switching of indoor units between heating and cooling

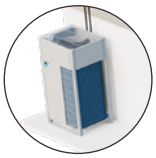
(1) Hot water hydrobox connection only in combination with VRV IV+ heat recovery
(2) According to the Franklin + Andrews construction economics

VRV Heat pump

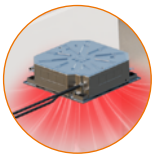
- For either heating **OR** cooling from one system
- The solution for comfort & low energy consumption
- Daikin's mainstream heat pump to tackle most applications



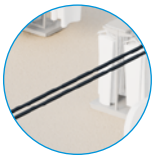
Components:



Outdoor unit



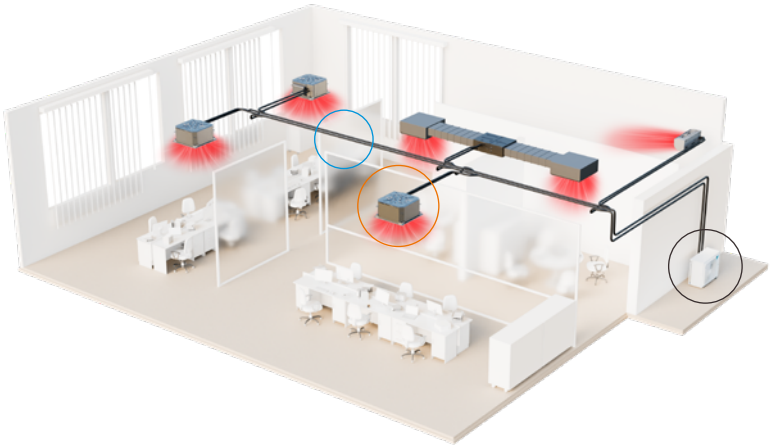
Indoor unit



2-pipe refrigerant piping

Mini VRV S-series

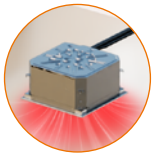
- For either heating **OR** cooling from one system
- The most compact VRV
- Daikin's solution for applications with limited space



Components:



Outdoor unit



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

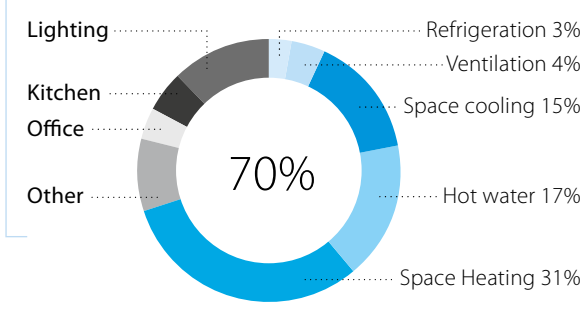
Efficient production of hot water

Underfloor heating/ cooling for efficient space heating/cooling

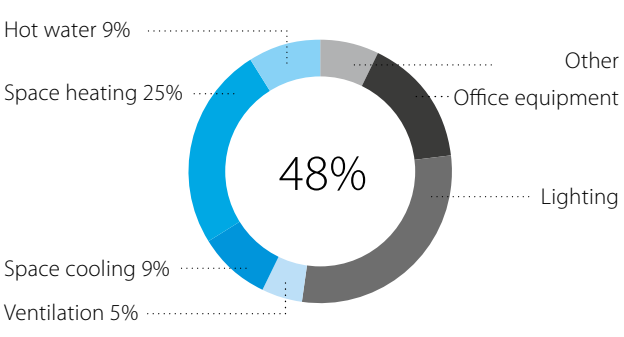
Cooling for server rooms, telecom shelters

Integrate third party equipment

Average hotel energy consumption



Average office energy consumption



Integrate third party equipment

Offices

Efficiency in the workplace

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

Architect



Hotel

Hospitality with economy

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

Owner of a 5-star hotel



Shops

Reducing retail costs

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

Retail shop representative



Residential

There is no place like home

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





VRV benefits & technologies

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

VRV benefits & technologies

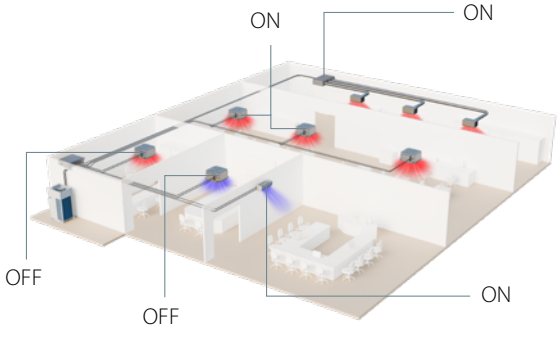
Drastically reducing your running costs 14
Top reliability 18
Comfort guaranteed at all times 20
Great design flexibility 22
Fast installation and commissioning, easy servicing 24

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)

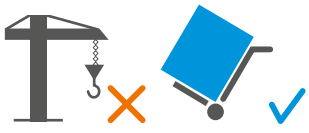


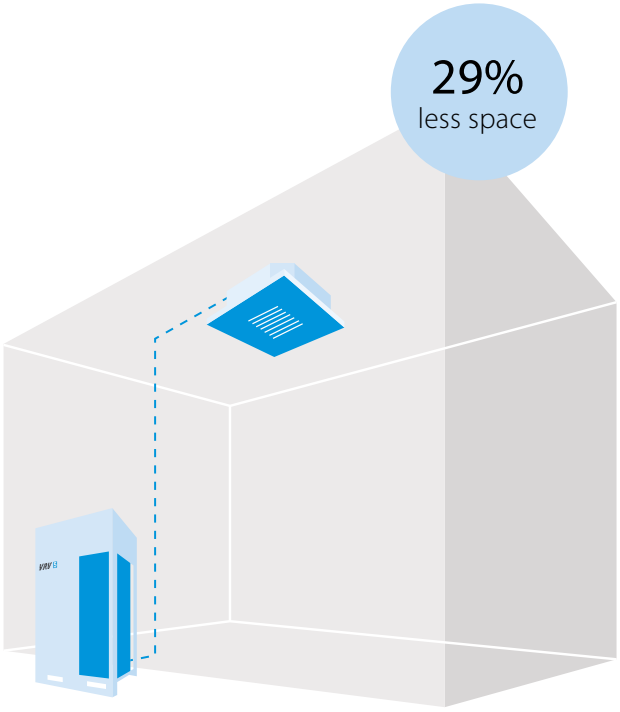
Precise zone control
- Only condition areas in need for cooling or heating
- Immediate reaction to changing conditions and precise control to 0.5°C



ALL INVERTER

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

(1) According to the Franklin + Andrews construction economics

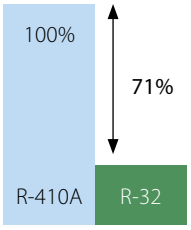
Drastically reducing running costs

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

BLUEVOLUTION R-32

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



-71%
potential global warming impact

Only 2 energy transfer steps

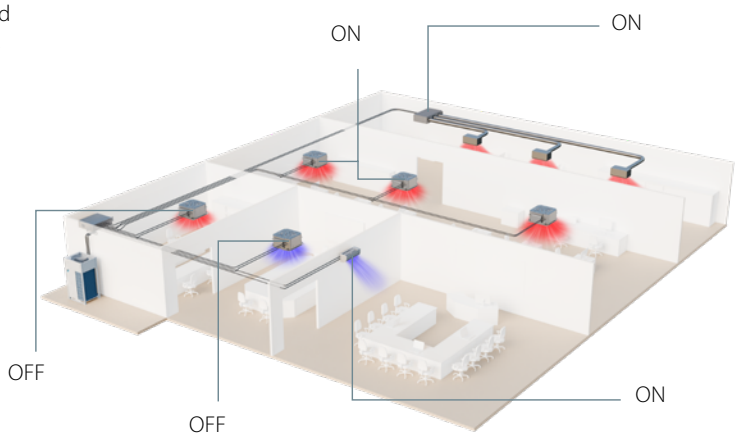
- Maximised efficiency thanks to direct expansion (DX) technology
- Running costs of a water-based fan coil unit can be 40 to 70% higher compared to a VRV heat recovery system (1)

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.



(1) According to the Franklin + Andrews construction economics

ALL INVERTER

Variable Refrigerant Temperature

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)

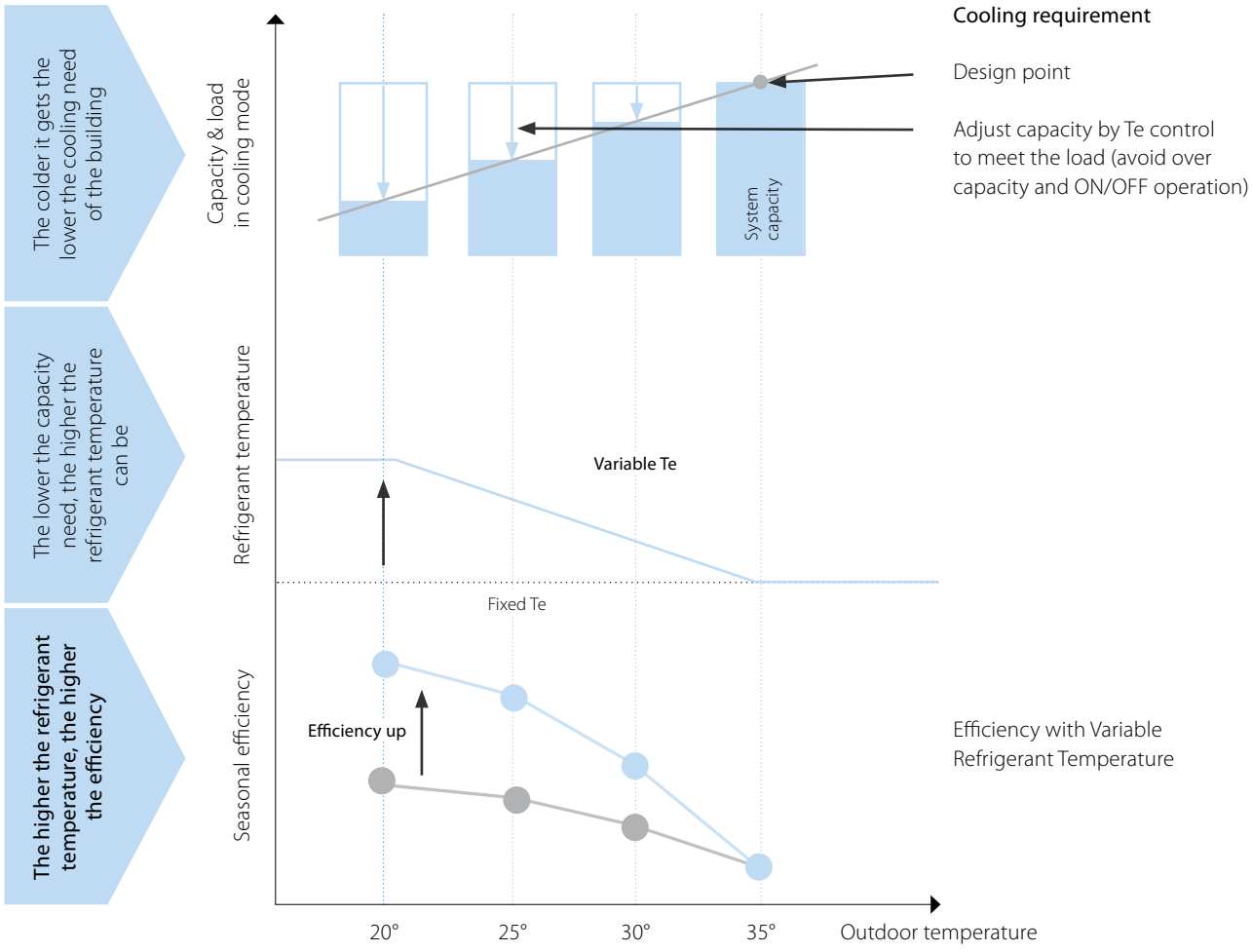
How does it work?

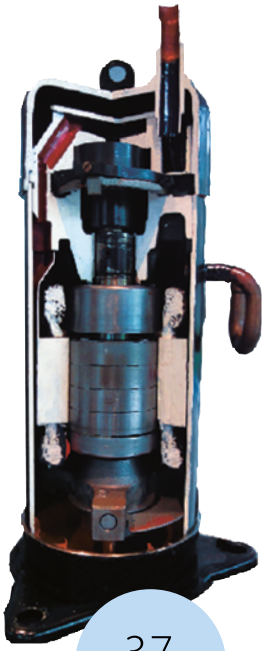
VRF standard
Capacity is controlled only with the variation of the inverter compressor.

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.

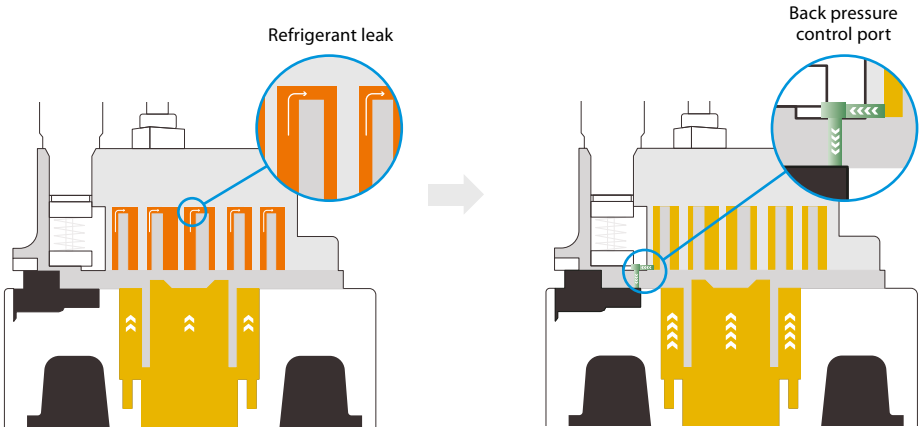




37
patents

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



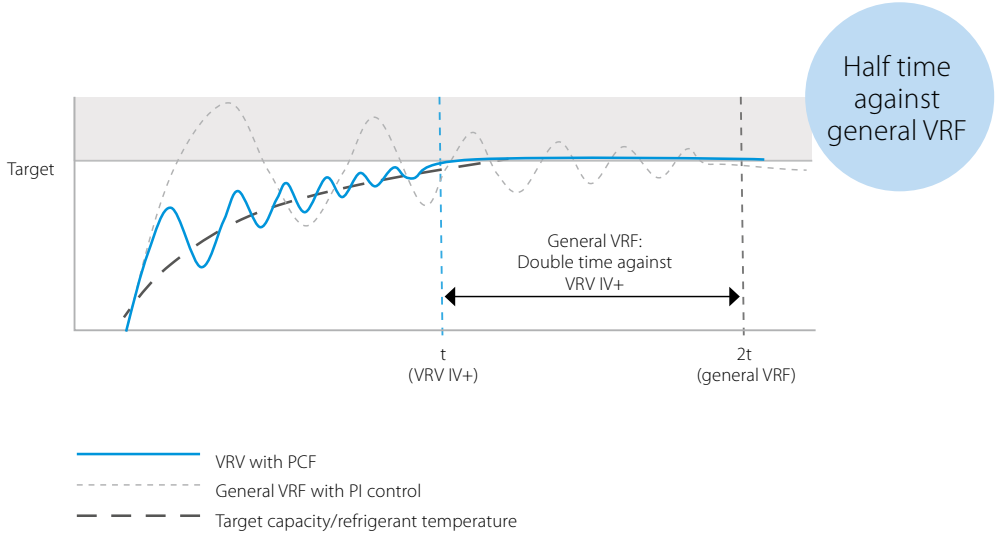
During low load, weak pressure is applied resulting in refrigerant leakage.

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

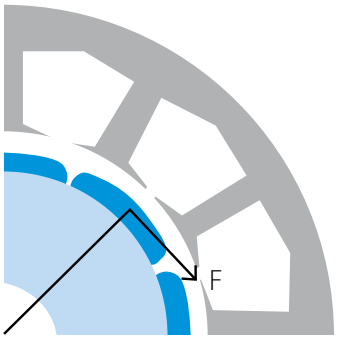
Outer rotor DC motor for higher efficiency

- 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

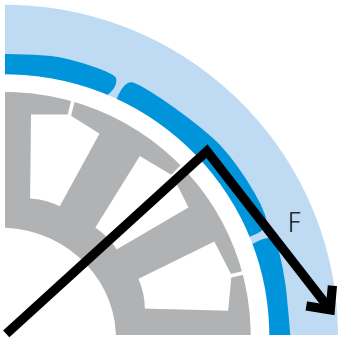
Sine wave DC inverter

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

Conventional motor with inner rotor



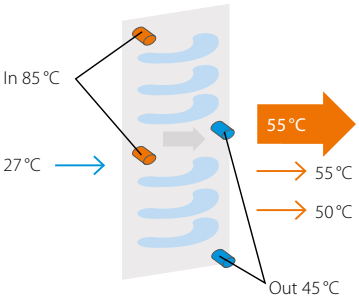
Daikin outer rotor



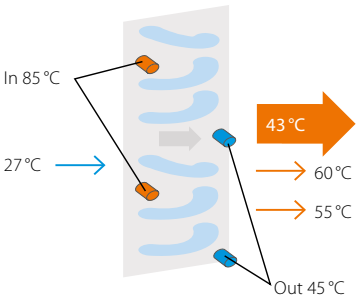
E-Pass heat exchanger

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.

Standard heat exchanger

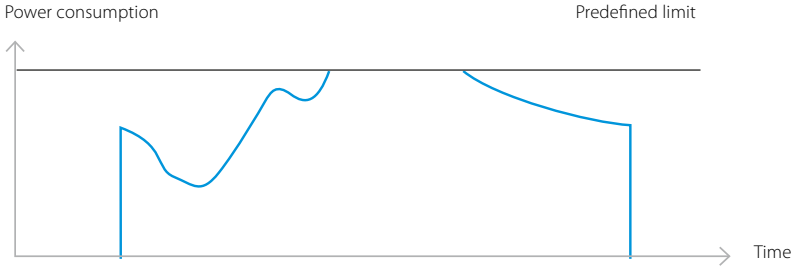


e-Pass heat exchanger



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 guaranteed.



Multi outdoor unit system

Auto-cleaning filters

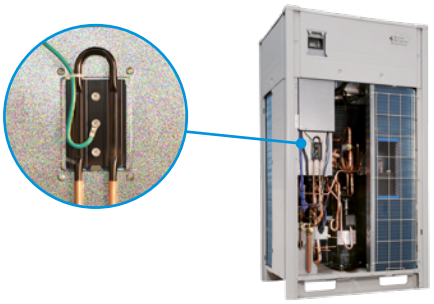
Auto cleaning filters enhance reliability thanks to clean air filters all the time.

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%



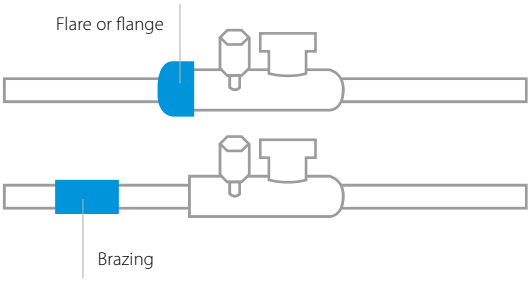
Sequential Start

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).



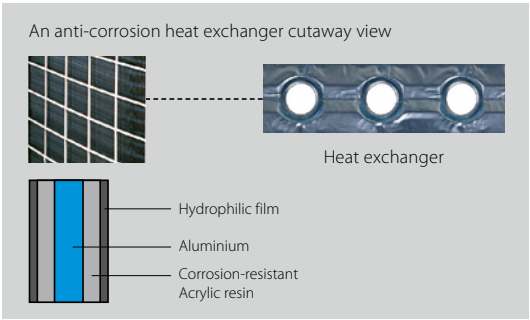
Only brazed connections

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.



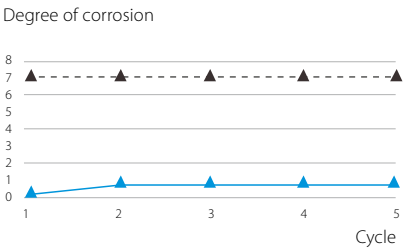
Anti Corrosion Treatment

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.



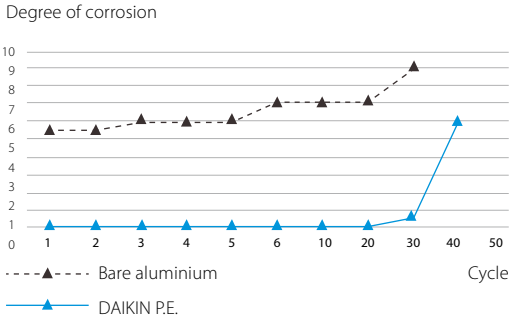
Performed tests:

- **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



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.

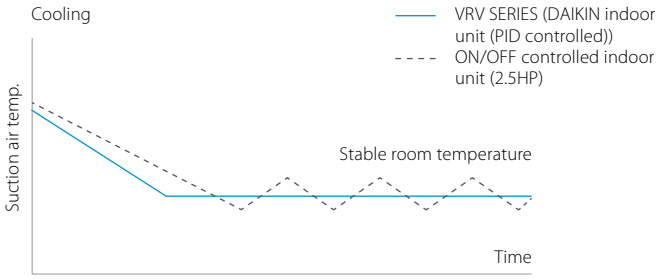
Available on: REYA10-28A, RXYA10-20A, REYQ10-54U, RYYQ16-54U, RXYQQ16-42U and RQCEQ280-848P3



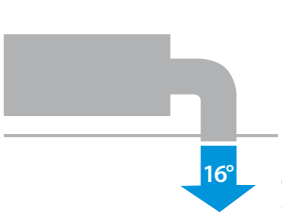
the outdoor unit coil is defrosted …
… one at the time …
… so a comfortable temperature is maintained indoors

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 ± 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.



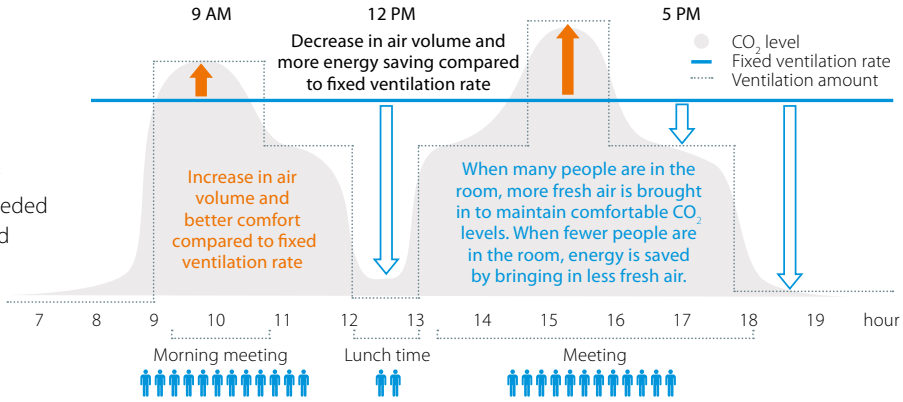
Variable Refrigerant Temperature

Constant and high air discharge temperature

Ensure optimal IAQ using CO_2 sensors

Enough fresh air is needed to create an enjoyable environment, but ventilating constantly is leading to energy waste. Therefore an optional CO_2 sensor regulates the ventilation system to provide the needed fresh air to the room, avoiding over-ventilation and saving energy.

Example of CO_2 sensor operation in a meeting room:



Low operation sound level

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

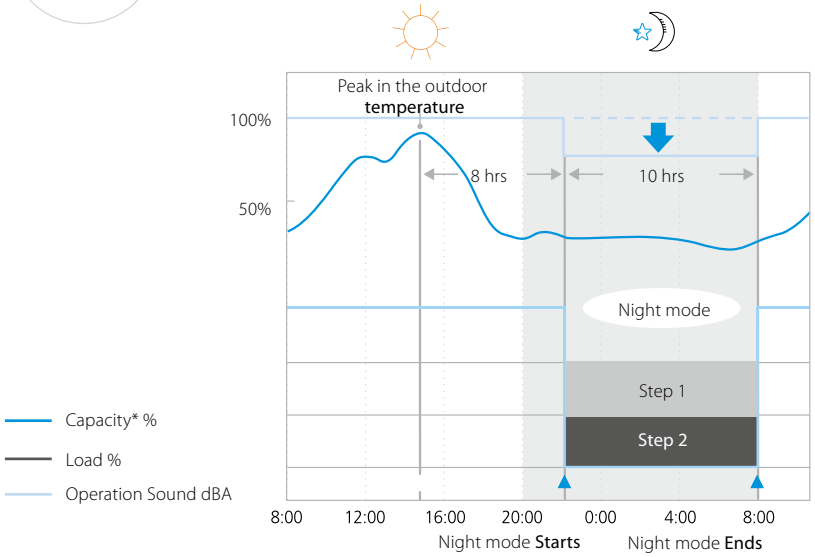
Standard 5 low sound steps

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

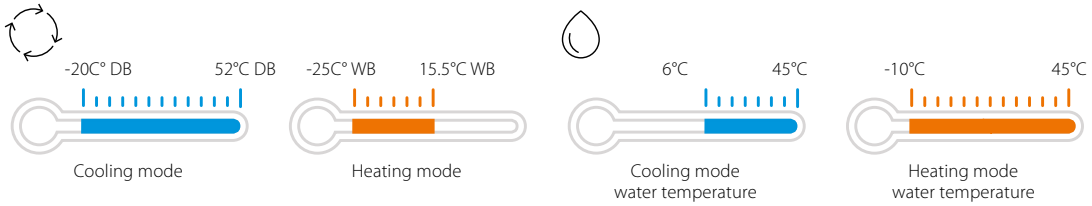


Great design flexibility

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.

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.

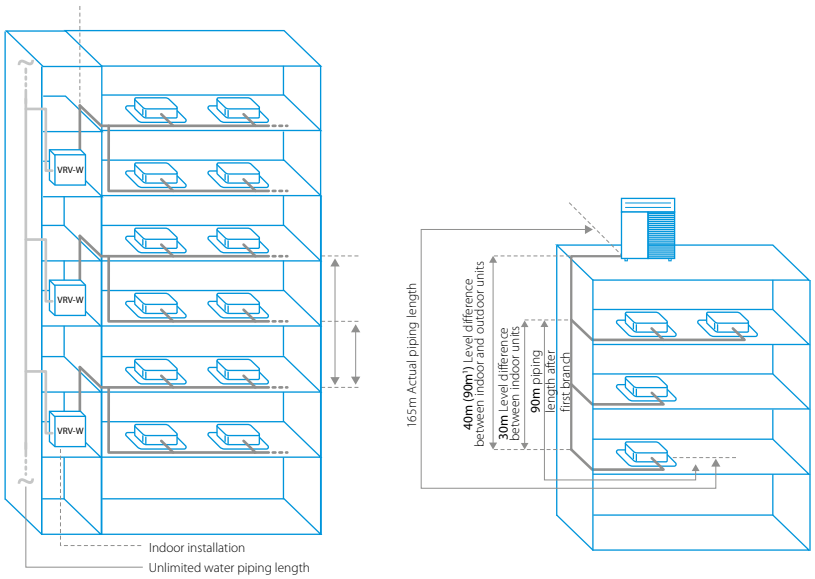


Consult the technical specifications for the specific operation range per outdoor series.

*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.



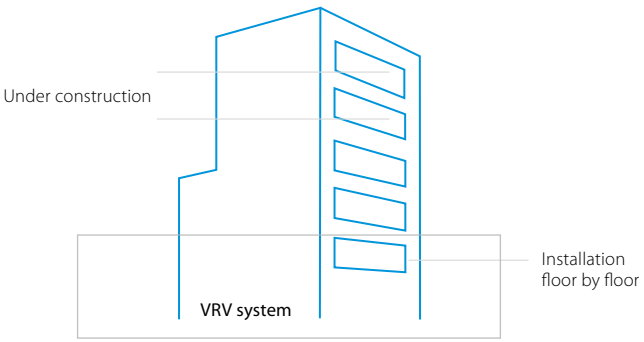
Example

	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
(2) In case outdoor unit is located below indoor units

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

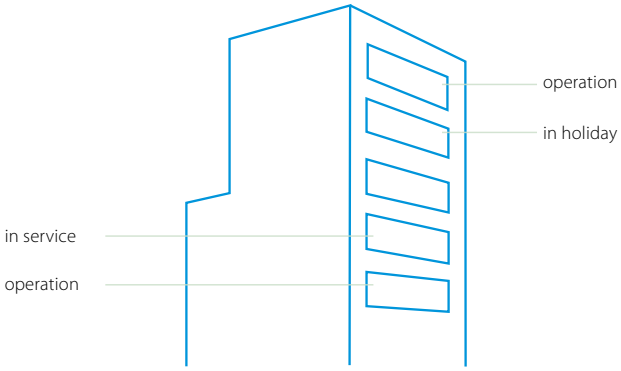
- Seamless integration in the surrounding architecture as you cannot see the unit
- Highly suited for sound sensitive areas as there is no external operation sound
- Superior efficiency, even in the most extreme outside conditions, especially in geothermal operation

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

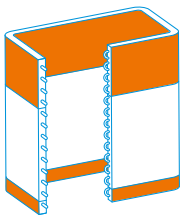
No structural reinforcement necessary
Thanks to the vibration-free and sufficient light construction of the outdoor units, floors do not need to be reinforced, reducing the overall cost of the building.

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



maximum
320 kg
for a VRV 5
20HP unit

4-sided, 3-row heat exchanger
Thanks to the large surface of the heat exchanger (up to 235 m^2) VRV units are compact, light and highly efficient.



surface up to
235 m^2

Fast installation and commissioning

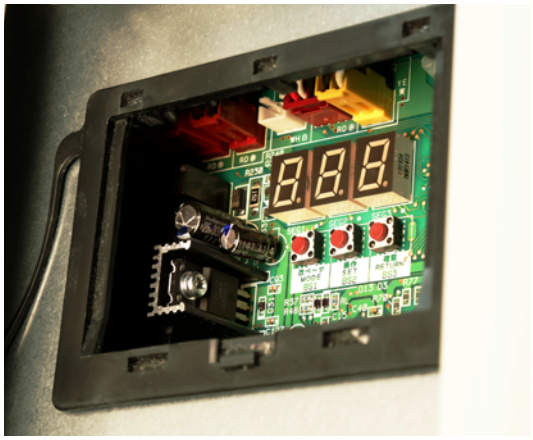
Easy servicing

7-segment display

for quick and accurate error diagnosis

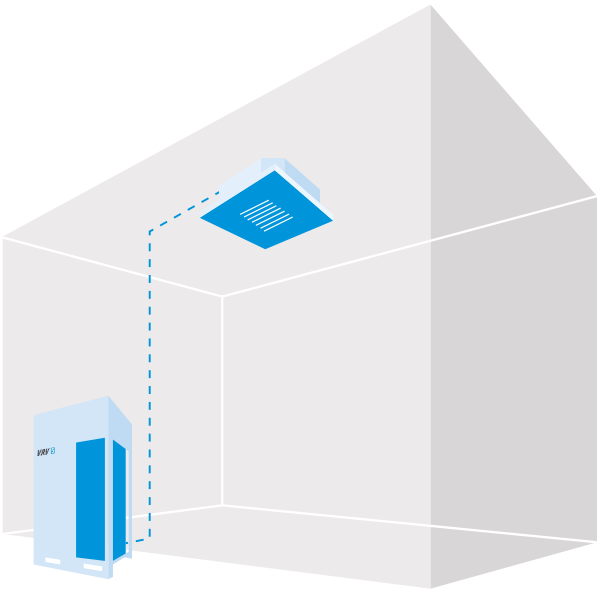
Outdoor unit display for quick on-site settings and easy read out of errors together with the indication of service parameters for checking basic functions.

7 segment display and configurator available on: REYA-A, RXYA-A, REYQ-U, RYYQ-U, RXYQ-U, RXYQQ-U.
Only configurator available on: RXYSA-AV1/AY1, RXYSCQ-TV1, RXYSQ-TV9/TY9/TY1, SB.RKXYQ-T(8).



Quick and easy to install

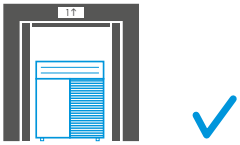
- All-in-one box solution without any requirement for field supplied equipment (e.g. gauges, pumps and valves)



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.

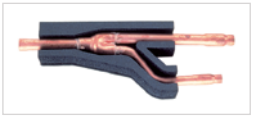




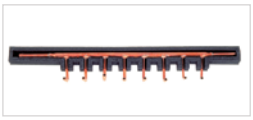
Easy and trouble-free installation of the piping network

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

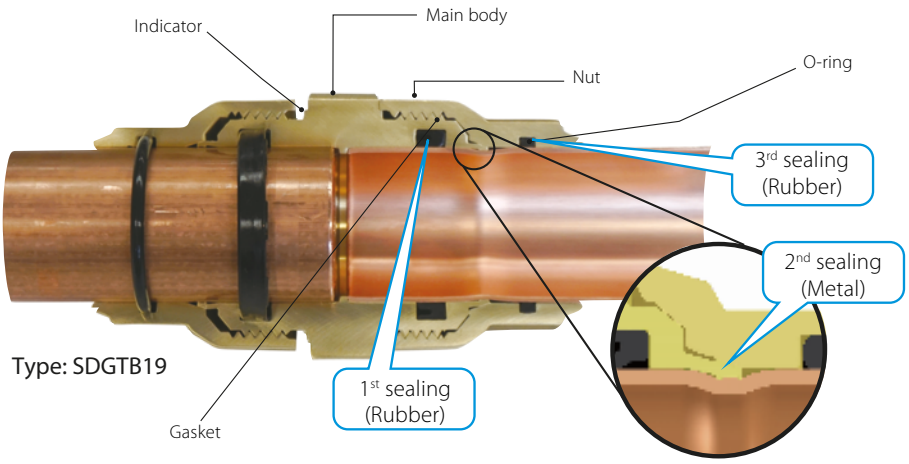


REFNET joint



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 5

Daikin's future-proof commercial
heat pump to decarbonize buildings.

VRV 5
Daikin's future-proof solution

VRV 5, our leading portfolio to decarbonise buildings now — R-32 — 26

Outdoor units — 32

- Heat recovery — 36
  - REYA-A9 — NEW — 36
  - BS-A14AV1B9 — NEW — 38
- Heat pump — 40
  - RXYA-A — NEW — 40
  - RXYSA-AV1/AY1/A — NEW — 42
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Indoor units — 46

- Ceiling mounted cassette units — 51
  - FXFA-A — 51
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- Concealed ceiling units — 54
  - Auto cleaning filter — 54
  - FXDA-A — 55
  - FXSA-A — 56
  - FXMA-A — 57
- Wall mounted — 58
  - FXAA-A — 58
- Ceiling suspended units — 59
  - FXHA-A — 59
  - FXUA-A — UNIQUE — 60
- Floor standing units — 61
  - FXNA-A — NEW — 61
- Biddle air curtains — 62
  - CYA — NEW — 63

Decarbonisation made easy



Top sustainability

Market-leading seasonal efficiency

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

Full transparency of total life cycle impact

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

Reduced direct CO_2 impact by 71% compared to R-410A systems

- 68% lower Global Warming Potential
- 15% less refrigerant charge
- Single component refrigerant
- Reduced frequency of F-gas tightness inspections

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

A VRV 5 system for every VRV application

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

12.1kW ⟷ 78.5kW

14.2kW ⟷ 87.5kW



VRV 5 S-series | VRV 5 Heat Recovery | VRV 5 Heat Pump

Versatile

Wide operation range

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

Wide piping flexibility to tackle any VRV application

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

5 low sound steps

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

Continuous heating during defrost

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



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

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

Check out the 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 NEW

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 m^3/h
- For indoor (in-ceiling or floor) and outdoor installation
- Wide choice of filtration options to optimise IAQ
- Offers different energy recovery, air purification, humidification and air discharge temperature control options



Connectable to all Daikin smart controls

Daikin Cloud Plus

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

Onecta app

- Intuitive control, no matter where you are



Excellent support

Wide network of experts with specialised advice

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



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



Outdoor units

- Cases 34
- REYA-A9 | VRV 5 Heat Recovery NEW 36
- BS-A14AV1B9 | Multi branch selector for VRV 5 Heat Recovery NEW 38
- RXYA-A | VRV 5 Heat Pump NEW 40
- RXYSA-AV1/AY1/A | VRV 5 S-series NEW 42
- SV-A | Optional Shut off valve box for VRV 5 Heat Pump 43
- Technical benefits 44

VRV 5 R-32 BLUEVOLUTION

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	**NEW VRV 5 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 Shîrudo Technology ▪ The perfect personal comfort thanks to simultaneous cooling and heating	REYA-A9					●	● ○	●		●	● ○	● ○	● ○	○	○	○	○	○	○	○	NEW ○	NEW ○	
Air-cooled heat pump	**NEW VRV 5 heat pump**	▪ Reduced CO_2 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					●	●	● ○		●	● ○	● ○	● ○						○	○	○	NEW ○	NEW ○	
	VRV 5 S-series	▪ Reduced CO_2 equivalent thanks to the use of lower GWP refrigerant R-32 ▪ Top sustainability over the entire lifecycle ▪ Unique low -height single fan range ▪ Tackle small room applications thanks to Shîrudo technology	RXYSA-AV1/AY1/A	1~	●	●	●													○	○	○	NEW ○	NEW ○	▪ Standard total system connection ratio limit: 50 ~ 130%
				3~	●	●	●	NEW ●	NEW ●	NEW ●															

● 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: 25,000m^2
Total outdoor units: 115

Challenges:

- Achieve HQE BBC (Low Carbon Building) certification label
- Provide an HVAC system to offset the increased CO_2 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 CO_2, 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



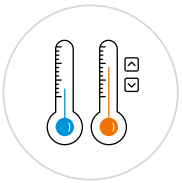
VRV 5 Heat Recovery

Top efficiency and comfort solution

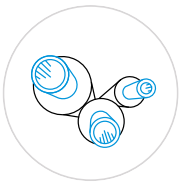
- Reduced CO_2 equivalent thanks to the use of lower GWP R-32 refrigerant and lower refrigerant charge
- Single component refrigerant, easy to re-use and recycle
- Greatest sustainability over the entire lifecycle, thanks to market leading real-life seasonal efficiency
- "Free" heat through efficient 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

REYA-A9

Single Unit systems				REYA	8A9	10A9	12A9	14A9	16A9	18A9	20A9
Capacity range				HP	8	10	12	14	16	18	20
Cooling capacity	Prated,c			kW	22.4	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 connectable indoor units					64						
Indoor index connection	Min.				100	125	150	175	200	225	250
	Max.				260	325	390	455	520	585	650
Dimensions	Unit	HeightxWidthxDepth		mm	1,685x930x765			1,685x1,240x765			
Weight	Unit			kg	213			296		319	
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	-5~46						
	Heating	Min.~Max.		°CWB	-20~16						
Refrigerant	Type/GWP				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	19.1		22.2				28.6
	HP/LP gas	OD		mm	15.9		19.1				22.2
	Total piping length	System	Actual	m	1,000						
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)			A	20	25	32		40		50

Completely redesigned BSSV boxes for faster installation and easier servicing





REYA8-12A9

Multi Unit systems				REYA	10A9	13A9	16A9	18A9	20A9	22A9	24A9	26A9	28A9
System	Outdoor unit module 1				REMA5A9			REYA8A9		REYA10A9	REYA8A9	REYA12A9	
	Outdoor unit module 2				REMA5A9	REYA8A9		REYA10A9	REYA12A9		REYA16A9	REYA14A9	REYA16A9
Capacity range				HP	10	13	16	18	20	22	24	26	28
Cooling capacity	Prated,c			kW	28.0	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 combination					4 x FXFA63A2VEB	3 x FXFA50A2VEB + 3 x FXFA63A2VEB	4 x FXFA63A2VEB + 2 x FXFA80A2VEB	4 x FXFA50A2VEB + 4 x FXFA63A2VEB	10 x FXFA50A2VEB	6 x FXFA50A2VEB + 4 x FXFA63A2VEB	4 x FXFA50A2VEB + 4 x FXFA63A2VEB + 2 x FXFA80A2VEB	7 x FXFA50A2VEB + 5 x FXFA63A2VEB	6 x FXFA50A2VEB + 4 x FXFA63A2VEB + 2 x FXFA80A2VEB
ηs,c				%	301.9	296.5	293.0	287.5	287.6	283.6	283.4	296.2	282.8
ηs,h				%	160.6	161.5	170.9	170.5	172.2	173.3	165.2	172.0	171.5
SEER					7.62	7.49	7.40	7.26	7.27	7.17	7.16	7.48	7.15
SCOP					4.09	4.11	4.35	4.34	4.38	4.41	4.20	4.38	4.36
Maximum number of connectable indoor units					64								
Indoor index connection	Min.				125	163	200	225	250	275	300	325	350
	Max.				325	423	520	585	650	715	780	845	910
Piping connections	Liquid	OD		mm	9.52	12.7						15.9	
	Gas	OD		mm	19.1	22.2			28.6				
	HP/LP gas	OD		mm	15.90	19.10			22.20				
	Total piping length	System	Actual	m	500					1,000			
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415								
Current - 50Hz	Maximum fuse amps (MFA)			A	40			50		63			

Outdoor unit module				REMA	5A9
Dimensions	Unit	HeightxWidthxDepth		mm	1,685x930x765
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/GWP				R-32/675.0
	Charge			kg	9.00/6.08
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415
Current - 50Hz	Maximum fuse amps (MFA)			A	20

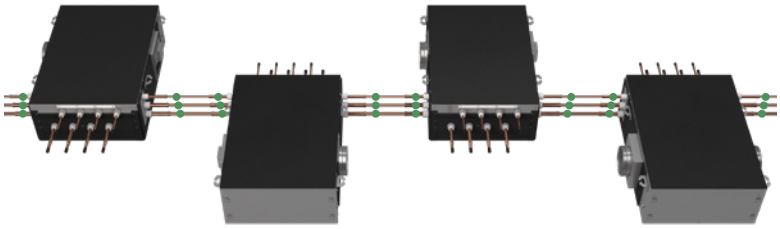
Cooling capacity: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m | Heating capacity: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m | Actual number of connectable indoor units depends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

NEW BS-A14AV1B9

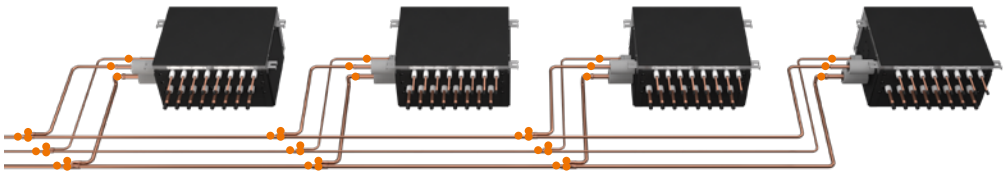
Multi branch selector (BSSV) - for VRV 5 Heat Recovery

Completely redesigned for faster installation and easier servicing

Easy installation thanks to fewer brazing points

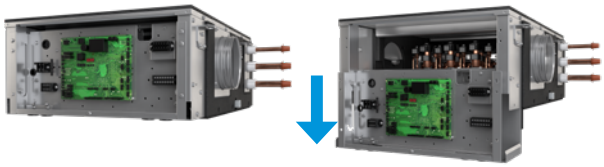


VRV 5: only 24 brazings point and no joint kits



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
- NEW Faster installation thanks to Refrigerant Flow Through reducing the number of brazing points and joint kits
- NEW Easy servicing in false ceilings thanks to sliding down PCB
- NEW Limited ceiling void required
- NEW Quick on-site settings, indication of service parameters and easy read out of errors thanks to 7 segment display
- Up to 16kW capacity available per port
- Connect up to 250 class unit (28kW) by combining 2 ports
- No limit on unused ports allowing phased installation
- Faster installation thanks to open port connection
- Allows multi tenant applications



BS6A14AV1B9

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

BS-A14AV1B9

Branch selector				BS	4A14AV1B9	6A14AV1B9	8A14AV1B9	10A14AV1B9	12A14AV1B9
Maximum number of connectable indoor units					20	30	40	50	60
Maximum number of connectable indoor units per branch					5				
Number of branches					4	6	8	10	12
Maximum capacity index of connectable indoor units					400	600	750		
Maximum capacity index of connectable indoor units per branch					140 (250 if 2 ports are combined)				
Dimensions	Unit	HeightxWidthxDepth		mm	291x600x845	291x1,000x845		291x1,400x845	
Weight	Unit			kg	39	55	64	81	87
Casing	Material				Galvanised steel plate				
Piping connections	Outdoor unit or Refrigerant Flow Through	Liquid	Type		Brazing connection				
			OD	mm	9.52/12.7/15.9				
		Gas	Type		Brazing connection				
			OD	mm	15.9/19.1/22.2/28.6				
		Discharge gas	Type		Brazing connection				
			OD	mm	12.7/15.9/19.1/22.2				
	Indoor unit	Liquid	Type		Brazing connection				
			OD	mm	6.35/9.52				
		Gas	Type		Brazing connection				
			OD	mm	9.52/12.7/15.9				
	Drain				VP20 (I.D. 20/O.D. 26)				
Units connected in Refrigerant Flow Through	Maximum allowed amount of BS units				4				
	Maximum total number of ports of BS units				16				
	Maximum total capacity index of indoor unit				750				
Sound absorbing thermal insulation					Urethane foam, polyethylene foam				
System safety requirements	Duct connection diameter on unit			mm	160.0				
	Duct connection positions				Left/Right				
Power supply	Phase				1~				
	Frequency			Hz	50				
	Voltage			V	220-440				
	Maximum fuse amps (MFA)			A	15				

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

VRV 5 Heat Pump

Daikin's solution for comfort & low energy consumption

- Reduced CO_2 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 systems			RXYA	8A	10A	12A	14A	16A	18A	20A
Capacity range			HP	8	10	12	14	16	18	20
Cooling capacity	Prated,c		kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0
Heating capacity	Prated,h		kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0
	Max.	6°CWB	kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0
Recommended combination				4 x FXFA50A2VEB	4 x FXFA63A2VEB	6 x FXFA50A2VEB	1 x FXFA50A2VEB + 5 x FXFA63A2VEB	4 x FXFA63A2VEB + 2 x FXFA80A2VEB	3 x FXFA50A2VEB + 5 x FXFA63A2VEB	8 x FXFA63A2VEB
ηs,c			%	287.3	279.3	278.7	302.2	276.6	271.6	257.6
ηs,h			%	161.5	170.2	176.4	168.3	167.5	172.5	162.7
SEER				7.26	7.06	7.04	7.63	6.99	6.87	6.52
SCOP				4.11	4.33	4.49	4.28	4.26	4.39	4.14
Maximum number of connectable indoor units				64 (1)						
Indoor index connection	Min.			100	125	150	175	200	225	250
	Nom.			-						
	Max.			260	325	390	455	520	585	650
Dimensions	Unit	HeightxWidthxDepth	mm	1,685 x930 x765			1,685 x1,240 x765			
Weight	Unit		kg	214			297		320	
Sound power level	Cooling	Nom.	dBA	78.3	78.8	82.5	79.5	83.7	83.4	87.9
Sound pressure level	Cooling	Nom.	dBA	56.3	58.0	60.8	59.0	61.6	63.0	67.0
Operation range	Cooling	Min.~Max.	°CDB	-5 ~46						
	Heating	Min.~Max.	°CWB	-20 ~16						
Refrigerant	Type/GWP			R-32/675.0						
	Charge		kg/tCO2Eq	9.00/6.08			10.6/7.16			
Piping connections	Liquid	OD	mm	9.52		12.70				
	Gas	OD	mm	19.1		22.2		28.6		
	Total piping length	System Actual	m	1,000 (6)						
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)		A	20	25	32		40		50



RXYA8-12A

Multi Unit systems				RXYA	10A	13A	16A	18A	20A
System	Outdoor unit module 1				RYMA5A			RXYA8A	
	Outdoor unit module 2				RYMA5A	RXYA8A		RXYA10A	RXYA12A
Capacity range				HP	10	13	16	18	20
Cooling capacity	Prated,c			kW	28.0	36.4	44.8	50.4	55.9
Heating capacity	Prated,h			kW	28.0	36.4	44.8	50.4	55.9
	Max.	6°CWB		kW	32.0	41.0	50.0	56.5	62.5
Recommended combination					4 x FXFA63A2VEB	3 x FXFA50A2VEB + 3 x FXFA63A2VEB	4 x FXFA63A2VEB + 2 x FXFA80A2VEB	4 x FXFA50A2VEB + 4 x FXFA63A2VEB	10 x FXFA50A2VEB
ηs,c				%	299.1	293.8	281.9	284.1	283.2
ηs,h				%	160.6	161.5	170.9	170.5	172.2
SEER					7.55	7.42	7.12	7.18	7.16
SCOP					4.09	4.11	4.35	4.34	4.38
Maximum number of connectable indoor units					64 (1)				
Indoor index connection	Min.				125	163	200	225	250
	Nom.				-				
	Max.				325	423	520	585	650
Sound power level	Cooling	Nom.		dBA	81.3			81.6	83.9
	Heating	Nom.		dBA	82.4			83.1	84.8
Sound pressure level	Cooling	Nom.		dBA	59.3			60.2	62.1
Piping connections	Liquid	OD		mm	9.50	12.70			
	Gas	OD		mm	19.1	22.2	28.6		
	Equalizing	OD		mm	19.1				
	Total piping length	System	Actual	m	500				
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415				
Current - 50Hz	Maximum fuse amps (MFA)			A	40			50	

Outdoor unit module				RYMA	5A
Dimensions	Unit	HeightxWidthxDepth		mm	1,685 x930 x765
Weight	Unit			kg	214
Fan	External static pressure	Max.		Pa	78
Sound power level	Cooling	Nom.		dBA	78.3
Sound pressure level	Cooling	Nom.		dBA	56.3
Operation range	Cooling	Min.~Max.		°CDB	-5 ~46
	Heating	Min.~Max.		°CWB	-20 ~16
Refrigerant	Type/GWP				R-32/675.0
	Charge			kg/tCO2Eq	9.00/6.08
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415
Current - 50Hz	Maximum fuse amps (MFA)			A	20

(1)The actual number of units depends on the connection ratio (CR) and the restrictions for the system. | Cooling capacity: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m | Heating capacity: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m | Contains fluorinated greenhouse gases'.

VRV 5 S-series

Lower CO_2 equivalent and market-leading flexibility

- Reduced CO_2 equivalent thanks to the use of lower GWP R-32 refrigerant and lower refrigerant charge
- Top sustainability over the entire lifecycle, thanks to market leading real-life seasonal efficiency
- Low-height single fan range
- Easy to transport thanks to lightweight and compact design
- Wide access area to easily reach all key components
- 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-AV1

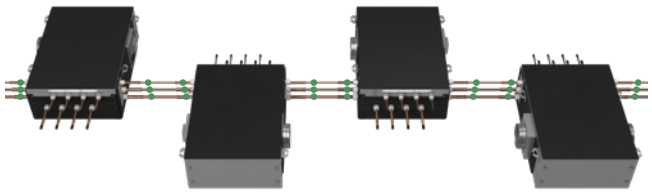
Outdoor unit			RXYSA	4AV1	5AV1	6AV1	4AY1	5AY1	6AY1	NEW 8A	NEW 10A	NEW 12A
Capacity range			HP	4	5	6	4	5	6	8	10	12
Cooling capacity	Prated,c		kW	12.1	14.0	15.5	12.1	14.0	15.5	22.4	28.0	33.5
Heating capacity	Prated, h		kW	12.1	14.0	15.5	12.1	14.0	15.5	22.4	28.0	33.5
	Max.		kW	14.2	16.0	18.0	14.2	16.0	18.0	25.0	31.5	37.5
Recommended combination				3x FXSA25A2VEB + 1x FXSA32A2VEB	4x FXSA32A2VEB	2x FXSA32A2VEB + 2x FXSA40A2VEB	3x FXSA25A2VEB + 1x FXSA32A2VEB	4x FXSA32A2VEB	2x FXSA32A2VEB + 2x FXSA40A2VEB	4x FXSA50A2VEB	4x FXSA63A2VEB	6x FXSA50A2VEB
SEER				8.2	7.7	7.6	7.9	7.4	7.3	6.4	6.9	6.5
SCOP				5.1	4.7		4.9	4.5		4.4		4.6
ηs,c			%	324.5	306.1	301.0	312.5	294.8	289.9	251.4	274.2	255.8
ηs,h			%	200.5	185.7	183.6	193.1	178.8	176.8	173.8		182.6
Dimensions	HxWxD		mm	869x1,100x460						1,430x940x320	1,615x940x460	
Weight			kg	102						144	180	
Sound power level	Cooling		dB(A)	67.0	68.1	69.0	67.0	68.1	69.0	73.2	74.0	76.1
	Heating		dB(A)	69.0	70.0	71.0	69.0	70.0	71.0	73.5	74.0	76.0
Sound pressure level	Cooling		dB(A)	49.0	51.0		49.0	51.0		58.1	57.0	60.0
Operation range	Cooling	Min °C	°CDB	-5 ~ 46						-5 ~ 52		
	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 connections	Liquid OD		mm	9.52						9.5		12.7
	Gas OD		mm	15.9						19.1		22.2
	H/P/LP gas OD		mm									
	Tot. pip. length	Sys. actual	m	300						300		
Power supply	Phase/Freq./ Voltage		Hz/V	1~/50/220-240			3N~/50/380-415			3N~/50/380-415		
Current - 50Hz	Max. fuse amps (MFA)		A	32			16			25		32

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

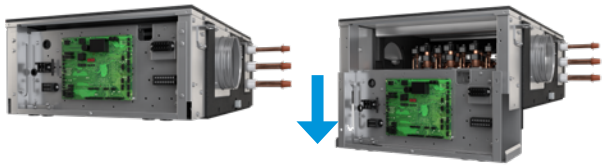
Optional Shut off valve box (SV)

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

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



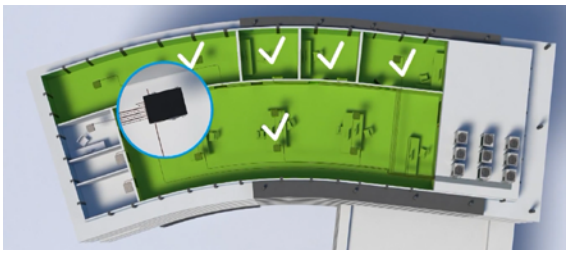
- Easy servicing in false ceilings thanks to sliding down PCB



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



SV4A14A



SV-A

Combination table

	RXYSA8-10-12A	RXYA-A
SV1A25A	•	•
SV4A14A	•	•
SV6A14A	•	•
SV8A14A	•	•

Shut off valve box					SV1A25A	SV*A14A		
Maximum number of connectable indoor units					5	20	30	40
Maximum number of connectable indoor units per branch					5			
Number of branches					1	4	6	8
Maximum capacity index of connectable indoor units					250	400	600	650
Maximum capacity index of connectable indoor units per branch					250	140		
Dimensions	Unit	HeightxWidthxDepth		mm	291x600x845		291x1,000x845	
Piping connections	Outdoor unit or Refrigerant Flow Through	Liquid	Type		Brazing connection			
			OD	mm	9.52, 12.7, 15.9			
		Gas	Type		Brazing connection			
			OD	mm	15.9, 19.1, 22.2, 28.6			
	Indoor unit	Liquid	Type		Brazing connection			
			OD	mm	6.35, 9.52			
		Gas	Type		Brazing connection			
			OD	mm	9.52, 12.7, 15.9			
	Drain				VP20 (I.D. 20/O.D. 26)			
Units connected in Refrigerant Flow Through	Maximum allowed amount of BS/SV units				4			
	Maximum total number of ports of BS/SV units				16			
	Maximum total capacity index of indoor unit				650			
Sound absorbing thermal insulation					Polyethylene foam			
System safety requirements	Duct connection diameter on unit			mm	160.0			
	Duct connection positions				Left/Right			
Power supply	Phase				1~			
	Frequency			Hz	50			
	Voltage			V	220-440			
	Maximum fuse amps (MFA)			A	6			

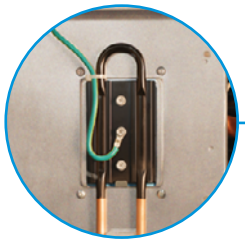
Contains fluorinated greenhouse gases

VRV 5 - Technical benefits



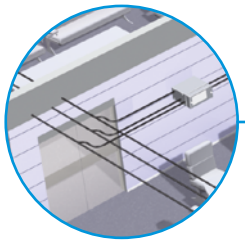
7-segment display for quick and accurate error diagnostics

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



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 by 5%



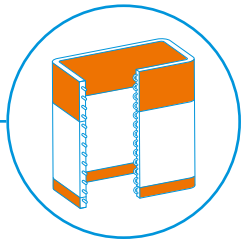
Unmatched piping flexibility

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



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

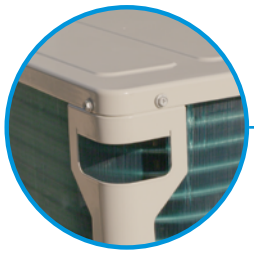
- Thanks to the large surface of the heat exchanger (up to 235m^2) VRV units are compact, light and highly efficient



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



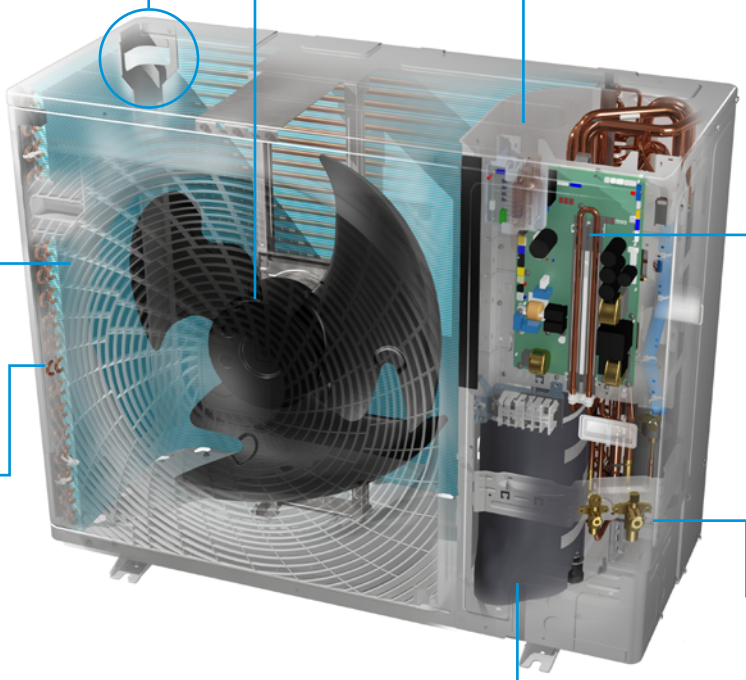
New asymmetric fan design

- Two high ESP settings
- Low sound levels



Compact dimensions

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



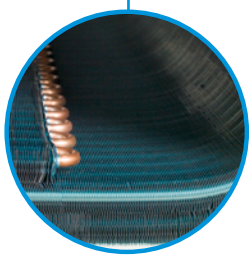
Specially designed grille

- Low pressure drop
- No risk for accidental reach of the fan

Refrigerant cooled PCB

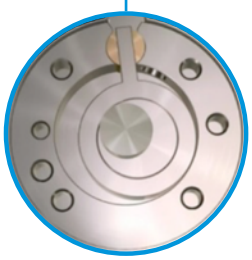
- With integrated:
- cool/heat selector input
- 7-segment display for quicker and more precise error and setting reading





Unique 3-row heat exchanger

- Contributes to top seasonal efficiency



New stop valves

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

Unique Daikin swing compressor

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





Indoor units

- VRV 5 indoor unit benefit overview 49
- FXFA-A | Round flow cassette 51
- FXZA-A | Fully flat cassette 51
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- BAE20A | Auto cleaning filter for concealed ceiling units 54
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- 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

VRV 5 indoor unit overview

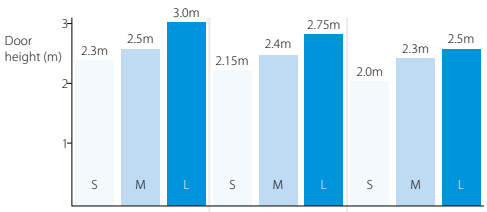
Capacity class (kW)

Type	Model		Product name	10	15	20	25	32	40	50	63	71	80	100	125	140	200	250
Ceiling mounted cassette	UNIQUE Round flow cassette	**360° air discharge for optimum efficiency and comfort** ▪ Auto cleaning function ensures high efficiency ▪ Intelligent sensors save energy and maximise comfort ▪ Flexibility to suit every room layout ▪ Lowest installation height in the market! ▪ Widest choice ever in decoration panel designs and colors	FXFA-A			•	•	•	•	•	•		•	•	•		UV Streamer kit	
	UNIQUE Fully flat cassette	**Unique design that integrates fully flat into the ceiling** ▪ Perfect integration in standard architectural ceiling tiles ▪ Blend of iconic design and engineering excellence ▪ Intelligent sensors save energy and maximise comfort ▪ Small capacity unit developed for small or well-insulated rooms ▪ Flexibility to suit every room layout	FXZA-A		•	•	•	•	•	•									
	NEW 1-way blow cassette	**1-way blow unit for corner installation** ▪ Compact dimensions enable installation in narrow ceiling voids ▪ Flexible installation thanks to different air discharge options ▪ New modern decoration panel	FXKA-A			•	•	•	•	•	•								
Concealed ceiling	Slim concealed ceiling unit	**Slim design for flexible installation** ▪ Compact dimensions enable installation in narrow ceiling voids ▪ Medium external static pressure up to 44Pa ▪ Only grilles are visible ▪ Small capacity unit developed for small of well-insulated rooms ▪ Reduced energy consumption thanks to DC fan motor	FXDA-A	•	•	•	•	•	•	•	•						Auto cleaning filter option	
	Concealed ceiling unit with medium ESP	**Slimmest yet most powerfull medium static pressure unit on the market!** ▪ Slimmest unit in class, only 245mm ▪ Low operating sound level ▪ Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths ▪ Automatic air flow adjustment function measures the air volume and static pressure and adjusts it towards the nominal air flow, guaranteeing comfort	FXSA-A (Unique for R-32)		•	•	•	•	•	•	•		•	•	•	•		
	Concealed ceiling unit with high ESP	**ESP up to 250 Pa, ideal for extra large sized spaces** ▪ Optimum comfort guaranteed no matter the length of ductwork or type of grilles, thanks to automatic air flow adjustment ▪ Large capacity unit: up to 31.5 kW heating capacity	FXMA-A							•	•		•	•	•		•	•
Wall mounted	Wall mounted unit	**For rooms with no false ceilings nor free floor space** ▪ Flat, stylish front panel is more easy to clean ▪ Small capacity unit developed for small 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		•	•	•	•	•	•	•							
Ceiling suspended	Ceiling suspended unit	**For wide rooms with no false ceilings nor free floor space** ▪ Ideal for comfortable air flow in wide rooms thanks to Coanda effect ▪ Rooms with ceilings up to 3.8m can be heated or cooled very easily! ▪ Can easily be installed in both new and refurbishment projects ▪ Can even be mounted in corners or narrow spaces without any problem	FXHA-A					•		•	•			•				
	UNIQUE 4-way blow ceiling suspended unit	**Unique Daikin unit for high rooms with no false ceilings nor free floor space** ▪ Rooms with ceilings up to 3.5m can be heated up or cooled down very easily! ▪ Can easily be installed in both new and refurbishment projects ▪ Intelligent sensors save energy and maximise comfort ▪ Flexibility to suit every room layout	FXUA-A							•		•		•				
Floor standing	NEW 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	•	•	•	•	•	•									
Cooling capacity (kW)[1]				1.1	1.7	2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0	11.2	14.0	16.0	22.4	28.0
Heating capacity (kW)[2]				1.3	1.9	2.5	3.2	4.0	5.0	6.3	8.0	9.0	10.0	12.5	16.0	18.0	25.0	31.5

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

Biddle air curtains NEW

Type	Product name		Model
Free-hanging	CYA-S/M/L-DK-F		**Easy wall mounted installation** ▪ Connectable to ERQ and VRV units ▪ Unified range for R-32 and R-410A refrigerant ▪ Payback period of less then 1.5 years compared to installing an electric air curtain
Cassette	CYA-S/M/L-DK-C		**Mounted into a false ceiling leaving only the decoration panel visible** ▪ Connectable to ERQ and VRV units ▪ Unified range for R-32 and R-410A refrigerant ▪ Payback period of less then 1.5 years compared to installing an electic air curtain
Recessed	CYA-S/M/L-DK-R		**Neatly concealed in the ceiling** ▪ Connectable to ERQ and VRV units ▪ Unified range for R-32 and R-410A refrigerant ▪ Payback period of less then 1.5 years compared to installing an electric air curtain





Round flow cassette



4-way blow ceiling suspended unit



Slim concealed ceiling unit

VRV 5 indoor unit benefit overview

			Ceiling mounted cassette units			Concealed ceiling units			Wall mounted unit	Ceiling suspended units		Floor standing units
			FXFA-A	FXZA-A	NEW FXKA-A	FXDA-A	FXSA-A	FXMA-A	FXAA-A	FXHA-A	FXUA-A	NEW FXNA-A
												
We care	Home leave operation	Maintains the indoor temperature at your specified comfort level during absence, thus saving energy.	●	●	●	●	●	●	●	●	●	●
	Fan only	The unit can be used as fan, blowing air without heating or cooling.	●	●	●	●	●	●	●	●	●	●
	Auto cleaning filter	The filter automatically cleans itself. Simplicity of upkeep means optimum energy efficiency and maximum comfort without the need for expensive or time-consuming maintenance.	○			○						
	Floor and presence sensor	The presence sensor directs the air away from any person detected in the room, when the air flow control is on. The floor sensor detects the average floor temperature and ensures an even temperature distribution between ceiling and floor.	◦	◦							NEW ○	
Comfort	Draught prevention	When starting to warm up or when the thermostat is off, the air discharge direction is set horizontally and the fan to low speed, to prevent draught. After warming up, air discharge and fan speed are set as desired.	●	●	●						●	
	Whisper quiet	Daikin indoor units are whisper quiet. Also the outdoor units are guaranteed not to disturb the quiet of the neighbourhood.	●	●		●	●		●			
	Auto cooling-heating changeover	Automatically selects cooling or heating mode to achieve the set temperature.	●	●	●	●	●	●	●	●	●	●
Air treatment	UV Streamer kit	Purifies the air of pollutants such as viruses, bacteria, fine dust (PM1.0), odours, allergens, etc ensuring a healthy and hygienic indoor environment	●									
	Air filter	Removes airborne dust particles to ensure a steady supply of clean air.	○ (2) (Optional high efficiency filter ePM10 60%)	● (2)	● (2)	● (2)	● (2)	○ (2) Optional pre filter and high efficiency filter available (200-250)	● (2)	● (2)	● (2)	● (1)
Humidity control	Dry programme	Allows humidity levels to be reduced without variations in room temperature.	●	●	●	●	●	●	●	●	●	●
Air flow	Ceiling soiling prevention	Prevents air from blowing out too long in horizontal position, to prevent ceiling stains.	●	●	●							
	Vertical auto swing	Possibility to select automatic vertical moving of the air discharge flaps for efficient air and temperature distribution throughout the room.	●	●	●				●	●	●	
	Fan speed steps	Allows to select up to the given number of fan speed.	5 + auto	3 + auto	3 + auto	3	3 + auto	3 (50-125) 3 + auto (200-250)	3 + auto	3	3 + auto	3 + auto
	Individual flap control	Individual flap control via the wired remote controller enables you to easily fix the position of each flap individually, to suit any new room configuration. Optional closure kits are available as well.	●	●							●	
Remote control & timer	Onecta controller (BRP069C51)	Control your indoor climate from any location via smartphone or tablet.	○	○	○	○	○	○	○	○	○	○
	Weekly timer	Can be set to start heating or cooling anytime on a daily or weekly basis.	○	○	○	○	○	○	○	○	○	○
	Infrared remote control	Starts, stops and regulates the air conditioner from a distance.	○ (1)	○ (1)		○ (1)	○ (1)	○ (1)	○ (1)	○ (1)	○ (1)	○
	Wired remote control	Starts, stops and regulates the air conditioner.	● (3)	● (3)	● (3)	● (3)	● (3)	● (3)	● (3)	● (3)	● (3)	● (3)
	Centralised control	Starts, stops and regulates several air conditioners from one central point.	○	○	○	○	○	○	○	○	○	○
Other functions	Auto-restart	The unit restarts automatically at the original settings after power failure.	●	●	●	●	●	●	●	●	●	●
	Self-diagnosis	Simplifies maintenance by indicating system faults or operating anomalies.	●	●	●	●	●	●	●	●	●	●
	Drain pump kit	Facilitates condensation draining from the indoor unit.	●	●	●	●	●	●	○	○	●	
	Multi tenant	The indoor unit's main power supply can be turned off when leaving the hotel or office building.	○ (4)	○ (4)	○ (4)	○ (4)	○ (4)	○ (4)	○ (4)	○ (4)	○ (4)	

● standard ○ 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).

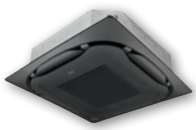


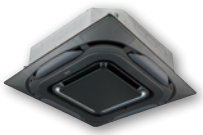
Complete indoor comfort, including pure air

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

UV STREAMER

99.9%

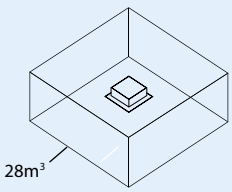
of viruses removed in 30 minutes, thanks to Daikin's unique

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



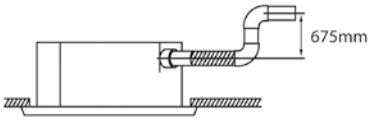

intertek
DAIKIN INDUSTRIES CZECH REPUBLIC s.r.o.
EFFICACY TEST REPORT

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






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

FXFA-A

Indoor Unit				FXFA	20A	25A	32A	40A	50A	63A	80A	100A	125A
Cooling capacity	Total capacity	At high fan speed		kW	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00
Heating capacity	Total capacity	At high fan speed		kW	2.50	3.20	4.00	5.00	6.30	8.00	10.00	12.50	16.00
Power input - 50Hz	Cooling	At high fan speed		kW	0.017			0.018	0.023	0.028	0.045	0.078	0.103
	Heating	At high fan speed		kW	0.017			0.018	0.023	0.028	0.045	0.078	0.103
Dimensions	Unit	HeightxWidthxDepth		mm	204x840x840						246x840x840		288x840x840
Weight	Unit			kg	18			19	21		24		26
Casing	Material				Galvanised steel plate								
Decoration panel	Model				Standard panels: BYCQ140E2W1 - white with grey louvers / BYCQ140E2W1W - full white / BYCQ140E2W1B - black Auto cleaning panels: BYCQ140E2GFW1 - white / BYCQ140E2GFW1B - black Designer panels: BYCQ140E2P - white / BYCQ140E2PB - black								
	Dimensions	HeightxWidthxDepth		mm	Standard panels: 65x950x950 / Auto cleaning panels: 148x950x950 / Designer panels: 106x950x950								
	Weight			kg	Standard panels: 5.5 / Auto cleaning panels: 10.3 / Designer panels: 6.5								
Fan	Air flow rate - 50Hz	Cooling	At high / medium high / medium / medium low / low fan speed	m^3/min	12.8/11.8/10.7/9.8/8.9			14.8/13.7/12.6/11.5/10.4	15.1/14.0/12.8/11.8/10.7	16.6/15.0/13.3/12.0/10.7	23.3/21.7/19.3/16.5/13.8	28.8/25.1/21.2/17.5/13.8	33.0/30.2/27.4/24.0/20.6
		Heating	At high / medium high / medium / medium low / low fan speed	m^3/min	12.8/11.8/10.7/9.8/8.9			14.8/13.7/12.6/11.5/10.4	15.1/14.0/12.8/11.8/10.7	16.6/15.0/13.3/12.0/10.7	23.3/21.7/19.3/16.5/13.8	29.0/25.1/21.2/17.5/13.8	33.0/30.2/27.4/24.0/20.6
Air filter	Type				Resinnet								
Sound power level	Cooling	At high fan speed		dBA	49.0			51.0		53.0	55.0	60.0	61.0
Sound pressure level	Cooling	At high / medium high / medium / medium low / low fan speed		dBA	31.0/30.0/29.0/29.5/28.0			33.0/32.0/31.0/30.0/29.0		35.0/34.0/33.0/32.0/30.0	38.0/36.0/34.0/32.0/30.0	43.0/41.0/37.0/34.0/30.0	45.0/43.0/41.0/39.0/36.0
	Heating	At high / medium high / medium / medium low / low fan speed		dBA	31.0/30.0/29.0/29.5/28.0			33.0/32.0/31.0/30.0/29.0		35.0/34.0/33.0/32.0/30.0	38.0/36.0/34.0/32.0/30.0	43.0/41.0/37.0/34.0/30.0	45.0/43.0/41.0/39.0/36.0
Refrigerant	Type/GWP				R-32/675.0								
Piping connections	Liquid	OD		mm	6.35								9.52
	Gas	OD		mm	9.52			12.70					15.90
	Drain				VP25 (O.D. 32 / I.D. 25)								
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220								
Current - 50Hz	Maximum fuse amps (MFA)			A	6								
Control systems	Infrared remote control				BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB								
	Wired remote control				BRC1H52W7/S7/K7								

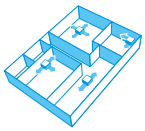
Contains fluorinated greenhouse gases

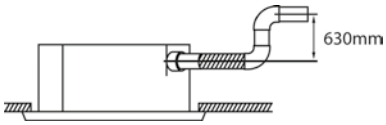
BLUEVOLUTION

Fully flat cassette

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

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







FXZA-A

Floor and presence sensor

Whisper quiet

Individual flap control

Multi tenant



BRC1H52W7, BRP069C51

FXZA-A

Indoor Unit				FXZA	15A	20A	25A	32A	40A	50A
Cooling capacity	Total capacity	At high fan speed		kW	1.70	2.20	2.80	3.60	4.50	5.60
Heating capacity	Total capacity	At high fan speed		kW	1.90	2.50	3.20	4.00	5.00	6.30
Power input - 50Hz	Cooling	At high fan speed		kW	0.018		0.020	0.019	0.029	0.048
	Heating	At high fan speed		kW	0.018		0.020	0.019	0.029	0.048
Dimensions	Unit	HeightxWidthxDepth		mm	260x575x575					
Weight	Unit			kg	15.5			16.5		18.5
Casing	Material				Galvanised steel plate					
Decoration panel	Model				BYFQ60C4W1W					
	Colour				White (N9.5)					
	Dimensions	HeightxWidthxDepth		mm	46x620x620					
	Weight			kg	2.8					
Decoration panel 2	Model				BYFQ60C4W1S					
	Colour				SILVER					
	Dimensions	HeightxWidthxDepth		mm	46x620x620					
	Weight			kg	2.8					
Decoration panel 3	Model				BYFQ60B3W1 + wire harness EKRS23					
	Colour				WHITE (RAL9010)					
	Dimensions	HeightxWidthxDepth		mm	55x700x700					
	Weight			kg	2.7					
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m^3/min	8.5/7.0/6.5	8.7/7.5/6.5	9.0/8.0/6.5	10.0/8.5/7.0	11.5/9.5/8.0	14.0/12.5/10.0
		Heating	At high / medium / low fan speed	m^3/min	8.5/7.0/6.5	8.7/7.5/6.5	9.0/8.0/6.5	10.0/8.5/7.0	11.5/9.5/8.0	14.0/12.5/10.0
Air filter	Type				Resin net					
Sound power level	Cooling	At high fan speed		dBA	49		50	51	54	60
Sound pressure level	Cooling	At high / medium / low fan speed		dBA	31.5/28.0/25.5	32.0/29.5/25.5	33.0/30.0/25.5	33.5/30.0/26.0	37.0/32.0/28.0	43.0/40.0/33.0
	Heating	At high / medium / low fan speed		dBA	31.5/28.0/25.5	32.0/29.5/25.5	33.0/30.0/25.5	33.5/30.0/26.0	37.0/32.0/28.0	43.0/40.0/33.0
Refrigerant	Type/GWP				R-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/Frequency/Voltage			Hz/V	1~/50/60/220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)			A	6					
Control systems	Infrared remote control				BRC7F530W (white panel) / BRC7F530S (grey panel) / BRC7EB530W (standard panel) (1)					
Control systems	Wired remote control				BRC1H52W7/S7/K7					

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

NEW FXKA-A

BLUEVOLUTION

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

New design!



Vertical auto swing

Multi tenant

FXKA-A



BRC1H52W7, BRP069C51

FXKA-A

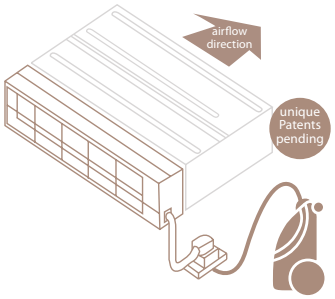
Indoor Unit				FXKA	20	25	32	40	50	63
Cooling capacity	Total capacity	At high fan speed		kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Total capacity	At high fan speed		kW	2.5	3.2	4	5	6.3	8
Power input - 50Hz	Cooling	At high fan speed		kW	0.024	0.024	0.033	0.038	0.055	0.118
	Heating	At high fan speed		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	m^3/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				Resin net					
Sound power level	Cooling	At high / medium / low fan speed		dBA	46.0/43.5/41.0		50.5/48.5/46.5	52.5/50.0/48.0	57.0/52.5/50.0	61.5/57.0/52.5
	Heating	At high / medium / low fan speed			50.0/46.0/41.5		52.5/49.5/47.0	53.0/50.5/48.0	58.0/53.0/50.5	63.5/58.0/53.0
Sound pressure level	Cooling	At high / medium / low fan speed		dBA	32.0/27.5/22.5		37.0/34.0/31.5	38.5/34.5/31.5	42.0/38.0/34.5	48.5/43.5/38.5
	Heating	At high / medium / low fan speed		dBA	36.0/31.0/25.5		39.0/35.5/32.5	39.5/36.0/32.5	44.0/39.5/36.0	49.0/44.0/39.5
Refrigerant	Type/GWP				R-32/675					
Piping connections	Liquid	OD		mm	6.35					
	Gas	OD		mm	9.52				12.7	
	Drain				VP25 (O.D. 32/I.D. 25)					
Power supply				Hz/V	1~/50/60/220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)			A	6					

Contains fluorinated greenhouse gases



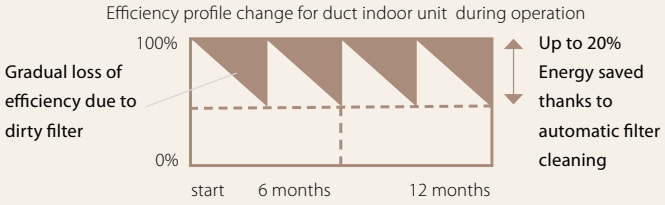
Auto cleaning filter for concealed ceiling units

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



Minimal time required for filter cleaning

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

Improved indoor air quality

- Optimum airflow eliminates draft and insulates sound

Superb reliability

- Prevents clogged filters for seamless operation

Unique technology

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



How does it work?

1 Scheduled automatic filter cleaning

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

3 The dust can easily be removed with a vacuum cleaner

Combination table

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

Specifications

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

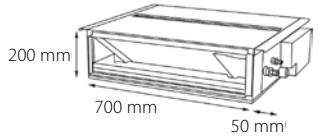
BLUEVOLUTION

Slim concealed ceiling unit

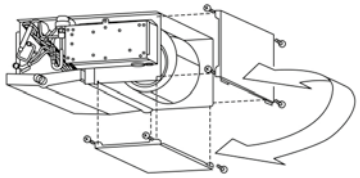
Slim design for flexible installation

- 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

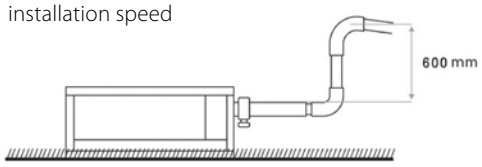
Serie A (15, 20, 25, 32)

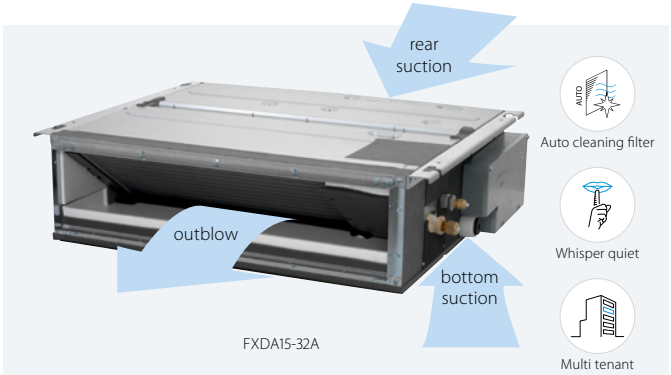


- Medium external static pressure up to 44Pa facilitates unit use with flexible ducts of varying lengths
- Discretely concealed in the wall: only the suction and discharge grilles are visible
- Optional auto cleaning filter option ensures maximum efficiency, comfort and reliability by regular filter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

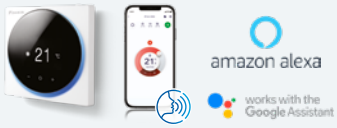


- Standard drain pump with 600mm lift increases flexibility and installation speed

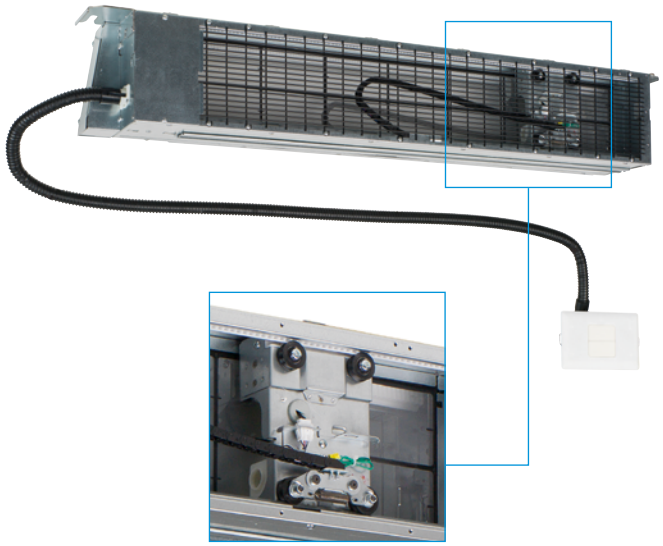




FXDA15-32A



BRC1H52W7, BRP069C51



Auto cleaning filter option

FXDA-A

Indoor Unit				FXDA	10A	15A	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	At high fan speed		kW	1.10	1.70	2.20	2.80	3.60	4.50	5.60	7.10
Heating capacity	Total capacity	At high fan speed		kW	1.30	1.90	2.50	3.20	4.00	5.00	6.30	8.00
Power input - 50Hz	Cooling	At high fan speed		kW	0.026	0.035	0.030		0.035	0.038	0.049	0.058
	Heating	At high fan speed		kW	0.026	0.035	0.030		0.035	0.038	0.049	0.058
Required ceiling void >				mm	240							
Dimensions	Unit	HeightxWidthxDepth		mm	200x750x620					200x950x620		200x1,150x620
Weight	Unit			kg	22.0		23.0			26.5		30.5
Casing	Material				Galvanised steel							
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m^3/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	m^3/min	5.2/4.9/4.7	6.5/6.2/5.8	8.0/7.2/6.4			10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0
	External static pressure - 50Hz	Factory set / High		Pa	10/30					15/44		
Air filter	Type				Removable / washable							
Sound power level	Cooling	At high fan speed		dBA	48	50	51			52	53	54
Sound pressure level	Cooling	At high / medium / low fan speed		dBA	29.0/28.0/26.0	32.0/31.0/27.0	33.0/31.0/27.0			34.0/32.0/28.0	35.0/33.0/29.0	36.0/34.0/30.0
	Heating	At high / medium / low fan speed		dBA	29.0/28.0/26.0	32.0/31.0/27.0	33.0/31.0/27.0			34.0/32.0/28.0	35.0/33.0/29.0	36.0/34.0/30.0
Refrigerant	Type/GWP				R-32/675.0							
Piping connections	Liquid	OD		mm	6							
	Gas	OD		mm	9.52					12.70		
	Drain				VP20 (I.D. 20/O.D. 26)							
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220							
Current - 50Hz	Maximum fuse amps (MFA)			A	6							
Control systems	Infrared remote control				BRC4C65 (1)							
	Wired remote control				BRC1H52W7/S7/K7							

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

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

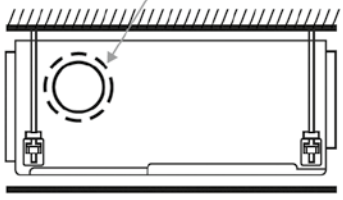
- Optimised design for R-32 refrigerant
- Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge

245 mm 

- 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

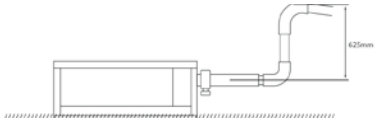
Fresh air intake opening in casing

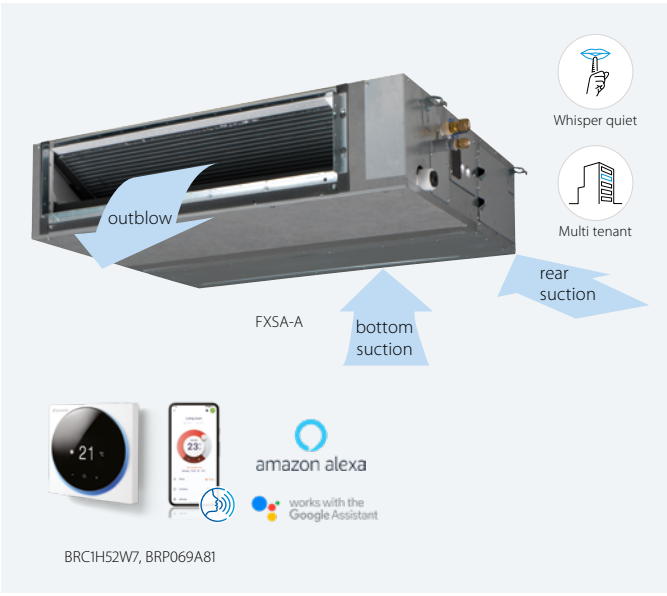
Fresh air intake position



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

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





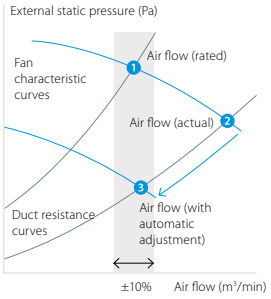
BRC1H52W7, BRP069A81

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



FXSA-A

Indoor Unit				FXSA	15A	20A	25A	32A	40A	50A	63A	80A	100A	125A	140A
Cooling capacity	Total capacity	At high fan speed		kW	1.70	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	16.00
Heating capacity	Total capacity	At high fan speed		kW	1.90	2.50	3.20	4.00	5.00	6.30	8.00	10.00	12.50	16.00	18.00
Power input - 50Hz	Cooling	At high fan speed		kW	0.046			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	245x550x800				245x700x800		245x1,000x800		245x1,400x800		245x1,550x800
Weight	Unit			kg	23.5			24.0	28.5	29.0	35.5	36.5	46.0	47.0	51.0
Casing	Material				Galvanised steel plate										
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m^3/min	8.7/7.5/6.5	9.0/7.5/6.5		9.5/8.0/7.0	15.0/12.5/11.0	15.2/12.5/11.0	21.0/18.0/15.0	23.0/19.5/16.0	32.0/27.0/23.0	36.0/31.5/26.0	39.0/34.0/28.0
		Heating	At high / medium / low fan speed	m^3/min	8.7/7.5/6.5	9.0/7.5/6.5		9.5/8.0/7.0	15.0/12.5/11.0	15.2/12.5/11.0	21.0/18.0/15.0	23.0/19.5/16.0	32.0/27.0/23.0	36.0/31.5/26.0	42.5/34.0/28.0
	External static pressure - 50Hz	Factory set / High		Pa	30/150							40/150		50/150	
Air filter	Type				Resin net										
Sound power level	Cooling	At high fan speed		dBA	54			55	60		59	61		64	
Sound pressure level	Cooling	At high / medium / low fan speed		dBA	29.5/28.0/25.0	30.0/28.0/25.0		31.0/29.0/26.0	35.0/32.0/29.0		33.0/30.0/27.0	35.0/32.0/29.0	36.0/34.0/31.0	39.0/36.0/33.0	41.5/38.0/34.0
	Heating	At high / medium / low fan speed		dBA	31.5/29.0/26.0	32.0/29.0/26.0		33.0/30.0/27.0	37.0/34.0/29.0		35.0/32.0/28.0	37.0/34.0/30.0	37.0/34.0/31.0	40.0/37.0/33.0	42.0/38.5/34.0
Refrigerant	Type/GWP				R-32/675.0										
Piping connections	Liquid	OD		mm	6.35								9.52		
	Gas	OD		mm	9.52				12.70				15.90		
	Drain				VP20 (I.D. 20/O.D. 26), drain height 625 mm										
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220										
Current - 50Hz	Maximum fuse amps (MFA)			A	6										
Control systems	Infrared remote control				BRC4C65 / BRC4C66 (1)										
	Wired remote control				BRC1H52W7/S7/K7										

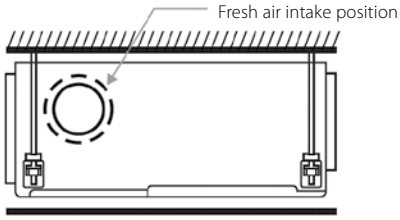
(1) Must be combined with Madoka wired remote controller | Contains fluorinated greenhouse gases

Concealed ceiling unit with high ESP

Ideal for large sized spaces ESP up to 250 Pa

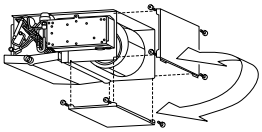
- Optimised design for R-32 refrigerant
- High external static pressure up to 250Pa facilitates extensive duct and grille network
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Discretely concealed in the wall: only the suction and discharge grilles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

Fresh air intake opening in casing

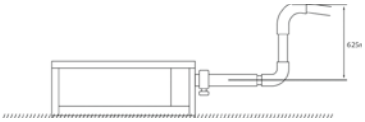


* Brings in up to 10% of fresh air into the room

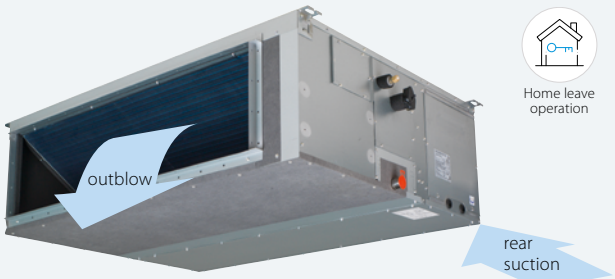
- Flexible installation, as the air suction direction can be altered from rear to bottom suction (50-125 class)



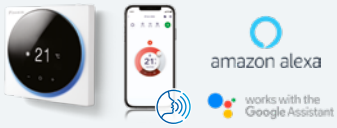
- Standard built-in drain pump with 625mm lift increases flexibility and installation speed (optional for 200-250)



- Large capacity unit: up to 31.5 kW heating capacity



FXMA200-250A



BRC1H52W7, BRP069C51

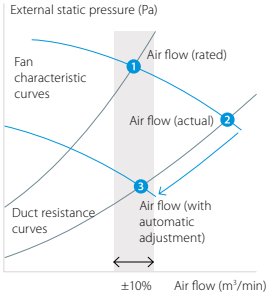
Automatic Airflow Adjustment function

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



FXMA-A

Indoor Unit				FXMA	50A	63A	80A	100A	125A	200A	250A
Cooling capacity	Total capacity	At high fan speed		kW	5.6	7.1	9.0	11.2	14.0	22.4	28.0
	Nom.			kW			-			22.4	28.0
Heating capacity	Total capacity	At high fan speed		kW	6.3	8.0	10.0	12.5	16.0	25.0	31.5
	Nom.			kW			-			25.0	31.5
Power input - 50Hz	Cooling	At high fan speed		kW	0.125	0.140	0.198	0.191	0.254	0.54	0.65
	Heating	At high fan speed		kW	0.125	0.140	0.198	0.191	0.254	0.54	0.65
Required ceiling void >				mm			350			-	
Dimensions	Unit	HeightxWidthxDepth		mm		300x1,000x700		300x1,400x700		470x1,490x1,100	
Weight	Unit			kg		35		46		105	115
Casing	Material						Galvanised steel plate				
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m^3/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	m^3/min	18.0/16.5/15.0	19.5/17.5/16.0	25.0/22.5/20.0	32.0/27.0/23.0	36.0/30.0/26.0	62/48/41	74/64/52
	External static pressure - 50Hz	Factory set / High / Low		Pa			100/200/-			150/250/50	
Air filter	Type						Resin net			-	
Sound power level	Cooling	At high / medium / low fan speed		dBA	61.0/60.0/58.0	64.0/61.0/59.0	67.0/64.0/62.0	65.0/61.0/56.0	70.0/66.0/62.0	75/74/72	76/75/73
Sound pressure level	Cooling	At high / medium / low fan speed		dBA	41.0/39.0/37.0	42.0/40.0/38.0	43.0/41.0/39.0		44.0/42.0/40.0	48/46.5/45	
	Heating	At high / medium / low fan speed		dBA	41.0/39.0/37.0	42.0/40.0/38.0	43.0/41.0/39.0		44.0/42.0/40.0	48/46.5/45	
Refrigerant	Type/GWP						R-32/675				
Piping connections	Liquid	OD		mm		6.35		9.52			
	Gas	OD		mm		12.70		15.90		19.1	
	Drain						VP25 (I.D. 25/O.D. 32)			BSP1	
Power supply	Phase/Frequency/Voltage			Hz/V			1~/50/60/220-240/220			1~/50/60/220-240/220-230	
Current - 50Hz	Maximum fuse amps (MFA)			A			6				
Control systems	Infrared remote control						BRC4C65 / BRC4C66			BRC4C65	
	Wired remote control						BRC1H52W7/S7/K7				

Contains fluorinated greenhouse gases

BLUEVOLUTION

Wall mounted unit

For rooms with no false ceilings nor free floor space

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



FXAA-A

Indoor Unit				FXAA	15A	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	At high fan speed		kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Total capacity	At high fan speed		kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Power input – 50Hz	Cooling	At high fan speed		kW	0.017	0.019	0.028	0.030	0.025	0.033	0.050
	Heating	At high fan speed		kW	0.025	0.029	0.034	0.035	0.030	0.039	0.060
Dimensions	Unit	HeightxWidthxDepth		mm	290x795x266				290x1,050x269		
Weight	Unit			kg	12				15		
Fan	Air flow rate – 50Hz	Cooling	At high/medium/ low fan speed	m^3/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	m^3/min	7.8/7.1/6.5	8.6/7.5/6.5	9.0/7.7/6.5	9.9/8.2/6.5	12.2/11.0/9.8	15.2/13.7/12.1	18.7/16.4/14.1
Air filter	Type				Removable / washable						
Sound power level	Cooling	At high fan speed		dBA	51.0	52.0	53.0	55.0		58.0	63.0
Sound pressure level	Cooling	At high/medium/low fan speed		dBA	32.0/30.5/28.5	33.0/31.0/28.5	35.0/32.0/28.5	37.5/33.0/28.5	37.0/35.5/33.5	41.0/38.5/35.5	46.5/42.5/38.5
	Heating	At high/medium/low fan speed		dBA	33.0/31.0/28.5	34.0/31.5/28.5	36.0/32.5/28.5	38.5/33.5/28.5	38.0/36.0/33.5	42.0/39.0/35.5	47.0/43.0/38.5
Refrigerant	Type/GWP				R-32/675.0						
Piping connections	Liquid	OD		mm	6.35						
	Gas	OD		mm	9.52				12.70		
	Drain				VP13 (I.D. 15/O.D. 18)						
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240						
Current – 50Hz	Maximum fuse amps (MFA)			A	6						
Control systems	Infrared remote control				BRC7EA630 (1)						
	Wired remote control				BRC1H52W7/S7/K7						

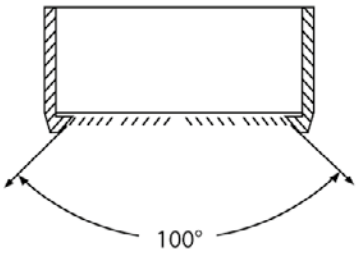
(1) Must be combined with Madoka wired remote controller | Contains fluorinated greenhouse gases

BLUEVOLUTION

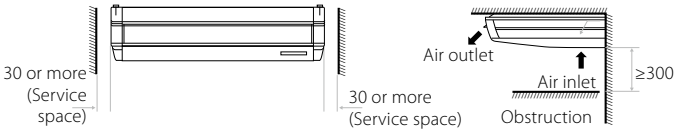
Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

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

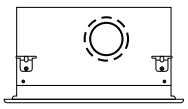


- Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- Can easily be installed in both new and refurbishment projects
- Can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space



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

Fresh air intake opening in casing



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

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



FXHA-A

Indoor Unit				FXHA	32A	50A	63A	100A
Cooling capacity	Total capacity	At high fan speed		kW	3.6	5.6	7.1	11.2
	Nom.			kW	3.6	5.6	7.1	11.2
Heating capacity	Total capacity	At high fan speed		kW	4.0	6.3	8.0	12.5
	Nom.			kW	4.0	6.3	8.0	12.5
Power input - 50Hz	Cooling	At high fan speed		kW	0.033	0.037	0.051	0.086
	Heating	At high fan speed		kW	0.033	0.037	0.051	0.086
Dimensions	Unit	HeightxWidthxDepth		mm	235x960x690	235x1,270x690		235x1,590x690
Weight	Unit			kg	28	36		43
Casing	Material				Resin, sheet metal			
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m^3/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	m^3/min	12.5/11.0/10.0	16.0/14.0/12.5	17.5/15.0/13.0	27.0/22.0/19.0
Air filter	Type				Resinnet			
Sound power level	Cooling	At high / medium / low fan speed		dBA	54.0/52.0/49.0	54.0/52.0/50.0	55.0/53.0/52.0	62.0/55.0/52.0
Sound pressure level	Cooling	At high / medium / low fan speed		dBA	36.0/34.0/31.0	36.5/34.5/33.0	37.0/35.0/34.0	44.0/37.0/34.0
	Heating	At high / medium / low fan speed		dBA	36.0/34.0/31.0	36.5/34.5/33.0	37.0/35.0/34.0	44.0/37.0/34.0
Refrigerant	Type/GWP				R-32/675			
Piping connections	Liquid	OD		mm	6.35			9.52
	Gas	OD		mm	9.52	12.7		15.9
	Drain				VP20			
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220			
Current - 50Hz	Maximum fuse amps (MFA)			A	6			
Control systems	Infrared remote control				BRC7GA56 / BRC7GA53-9			
	Wired remote control				BRC1H52W7/S7/K7			

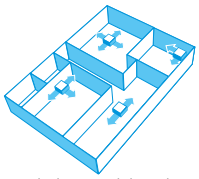
Contains fluorinated greenhouse gases

BLUEVOLUTION

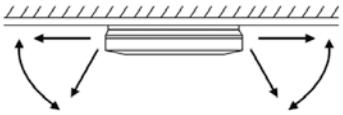
4-way blow ceiling suspended unit

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

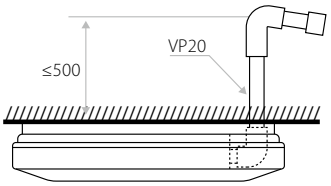
- Optimised design for R-32 refrigerant
- Even rooms with ceilings up to 3.5m can be heated up or cooled down very easily without capacity loss
- Can easily be installed in both new and refurbishment projects
- Two optional intelligent sensors improve energy efficiency and comfort
- Individual flap control: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



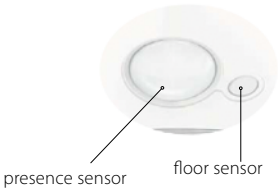
- Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating.
- Optimum comfort guaranteed with automatic air flow adjustment to the required load
- 5 different discharge angles between 0 and 60° can be programmed via the remote control



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







FXUA-A

Indoor Unit				FXUA	50A	71A	100A
Cooling capacity	Total capacity	At high fan speed		kW	5.6	8.0	11.2
	Nom.			kW	5.6	8.0	11.2
Heating capacity	Total capacity	At high fan speed		kW	6.3	9.0	12.5
	Nom.			kW	6.3	9.0	12.5
Power input - 50Hz	Cooling	At high fan speed		kW	0.029	0.055	0.117
	Heating	At high fan speed		kW	0.029	0.055	0.117
Dimensions	Unit	HeightxWidthxDepth		mm	198x950x950		
Weight	Unit			kg	27		28
Casing	Material				Resin		
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m^3/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	m^3/min	17.0/14.5/13.0	22.5/18.5/16.0	31.0/25.5/21.0
Air filter	Type				Resin net		
Sound power level	Cooling	At high / medium / low fan speed		dBA	55.0/53.0/51.0	58.0/56.0/54.0	65.0/62.0/58.0
Sound pressure level	Cooling	At high / medium / low fan speed		dBA	37.0/35.0/33.0	40.0/38.0/36.0	47.0/44.0/40.0
	Heating	At high / medium / low fan speed		dBA	37.0/35.0/33.0	40.0/38.0/36.0	47.0/44.0/40.0
Refrigerant	Type/GWP				R-32/675		
Piping connections	Liquid	OD		mm	6.35		9.52
	Gas	OD		mm	12.7		15.9
	Drain				VP20		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220		
Current - 50Hz	Maximum fuse amps (MFA)			A	6		
Control systems	Infrared remote control				BRC7CB58 / BRC7CB59		
	Wired remote control				BRC1H52W7/S7/K7		

Contains fluorinated greenhouse gases

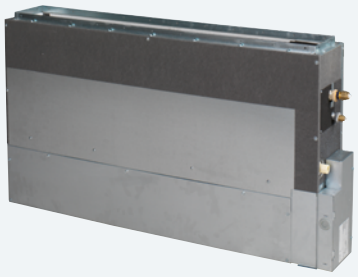
Concealed floor standing unit

Designed to be concealed in walls

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



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



FXNA-A



BRC1H52W7, BRP069C51

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				FXNA-A	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	At high fan speed		kW	2.20	2.80	3.60	4.50	5.60	7.10
Heating capacity	Total capacity	At high fan speed		kW	2.50	3.20	4.00	5.00	6.30	8.00
Power input - 50Hz	Cooling	At high fan speed		kW	0.051			0.069	0.087	0.108
	Heating	At high fan speed		kW	0.051			0.069	0.087	0.108
Dimensions	Unit	HeightxWidthxDepth		mm	620/720x790x200			620/720x990x200		620/720x1,190x200
Weight	Unit			kg	23.5			27.5		32.0
Casing	Material				Galvanised steel plate					
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m^3/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	m^3/min	7.4/6.4/5.4	8.4/7.4/6.4		10.2/9/7.9	12.9/11.5/10.6	16.4/14.4/12.9
	External static pressure - 50Hz	Factory set / High		Pa	10/41.0		10/42.0	15/52.0	15/59.0	15/55.0
Air filter	Type				Resin net					
Sound power level	Cooling	At high fan speed		dBA	49	51	52.5	51.5	55.5	54.5
Sound pressure level	Cooling	At high / medium / low fan speed		dBA	28/26.5/25	30/28.5/27	31.5/30/28.5	31/29/27	35/33/31	34.5/32.5/30.5
	Heating	At high / medium / low fan speed		dBA	29.5/28/26.5	31/29.5/28	33/31.5/30	32/30/28	36/34/32	35.5/33.5/31.5
Refrigerant	Type/GWP				R-32/675					
Piping connections	Liquid	OD		mm	6.35					9.52
	Gas	OD		mm	12.7					15.9
	Drain				VP20 (I.D. 20/O.D. 26)					
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)			A	16					
Control systems	Infrared remote control				BRC4C65					
	Wired remote control				BRC1H52W7/S7/K7					

Contains fluorinated greenhouse gases

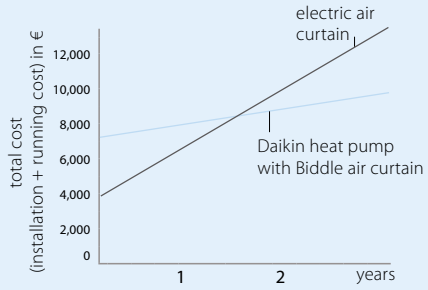


Biddle air curtains

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

Benefits of Biddle air curtains

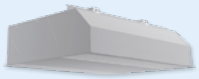
- Connectable to ERQ and VRV units
- Unified range for R-32 and R-410A refrigerant
- Payback period of less then 1.5 years compared to installing an electric air curtain



3 different models to choose from:



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

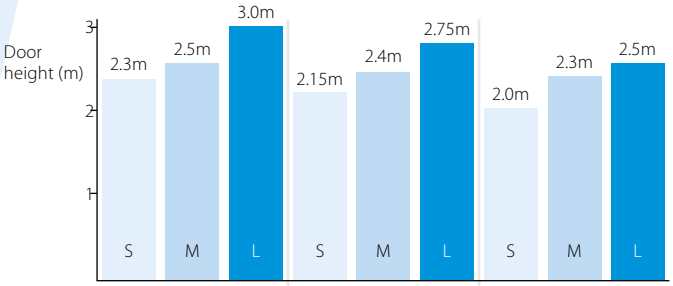


Cassette model (C):
mounted into a false ceiling leaving only the decoration panel visible



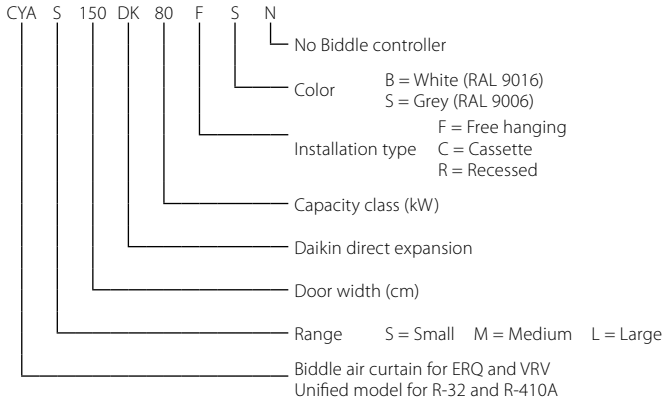
Recessed model (R):
neatly concealed in the ceiling

Select your Biddle air curtain range



Installation condition	Favourable	Normal	Unfavourable
	ex: covered shopping mall or revolving door entrance	ex: little direct wind, no opposite open doors, building with ground floor only	ex: location at a corner or square, multiple floors and / or open stairwell

Biddle air curtain nomenclature



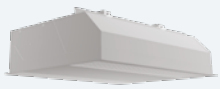
New R-32 range

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



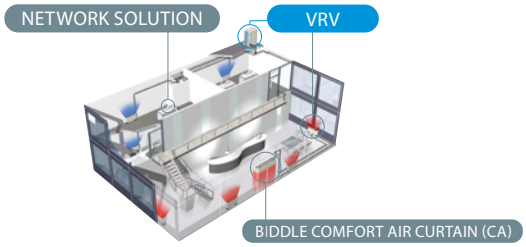
CYA150DK80FSC



CYA150DK80CSC



CYA150DK80RSC



CYA

				Small				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	270/270/270				270/270/270			
		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	590/821/561				590/821/561			
Required ceiling void >	mm		mm	420				420			
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	m^3/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				675/2,087.5			
	Type			R32/R410A				R32/R410A			
Piping connections	Liquid	OD	mm	6.35		9.52		6.35		9.52	
	Gas	OD	mm	12.7		15.9		12.7		15.9	
Air filter	Type			Vacuum cleanable filter G1							
Power supply	Frequency		Hz	50Hz				50Hz			
	Voltage		V	230V				230V			
	Maximum fuse amps (MFA)		A	16				16			

				Large			
				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 / 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	774/1,105/745			
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	m^3/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	9,522			
	Gas	OD	mm	15.9	19.1	19.1	
Air filter	Type			Vacuum cleanable filter G1			
Power supply	Frequency		Hz	50Hz			
	Voltage		V	230V			
Current	Maximum fuse amps (MFA)		A	16			



Commercial ventilation

Decentralised ventilation 66

- VAM-FC9/J | Energy recovery ventilation 66
- EKVDX | DX coil for air processing 67
- VKM-GBM | Energy recovery ventilation, humidification and air processing 68
- ALB-LBS/RBS | Modular L Smart 70
- ATB-S | Modular T Smart 71

Centralised ventilation 72

- Combining Air Handling Units with DX outdoor unit 72
- Layout possibilities 74
- Integration with 3rd party AHU's 75

Products overview

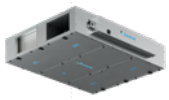
150 | 500 | 1,000 | 2,000 | 2,500 | 3,000 | 3,500 | 4,000 | 15,000 | 25,000 | 140,000 [m³/h]

Decentralised systems



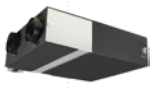
- Superior IAQ level: up to three stage filtration on supply side
- DX coil integration for a unique Daikin fresh air package
- Plug&Play control solution, for a quick and easy start-up

Compact T 200 m³/h up to 4,200 m³/h



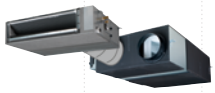
- High efficiency counterflow heat exchanger
- VDI 6022 Compliant
- Compact design for false ceiling installation

Compact L 150 m³/h up to 4,000 m³/h



- 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

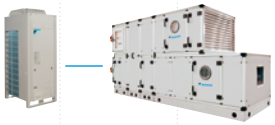
VAM + DX coil 500 m³/h up to 2,000 m³/h



- With DX coil for post-treated fresh air
- Increased comfort
- Humidifier option

VKM-GBM 500 m³/h up to 1,000 m³/h

Centralised systems



- 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



- High efficiency aluminium plate heat exchanger
- Pre-configured sizes
- Plug & Play controls
- With DX or water coil option

D-AHU Modular P 500 m³/h up to 25,000 m³/h



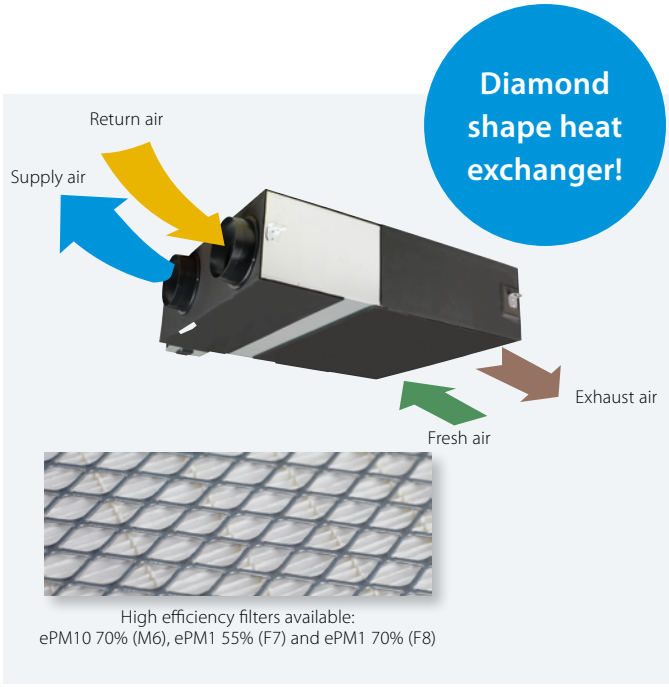
- Rotary heat exchanger (sorption and sensible technology)
- Pre-configured sizes
- Plug & Play controls
- With DX or water coil option

D-AHU Modular R 500 m³/h up to 25,000 m³/h

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 CO_2 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 m^3/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
- 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 CO_2 concentration when combining VAM-J8 with optional BRYMA CO_2 sensor and Madoka remote controller (with or without EKVDX)



High efficiency filters available:
ePM10 70% (M6), ePM1 55% (F7) and ePM1 70% (F8)

ErP COMPLIANT

VAM-FC9 VAM-J8

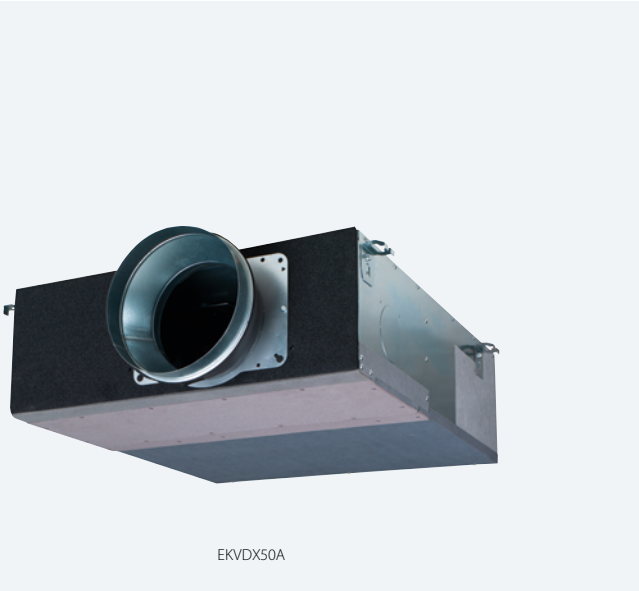
Ventilation				VAM/VAM	150FC9	250FC9	350J8	500J8	650J8	800J8	1000J8	1500J8	2000J8
Power input - 50Hz	Heat exchange mode	Nom.	Ultra high/High/Low	kW	0.132/0.111/0.058	0.161/0.079/0.064	0.097/0.070/0.039	0.164/0.113/0.054	0.247/0.173/0.081	0.303/0.212/0.103	0.416/0.307/0.137	0.548/0.384/0.191	0.833/0.614/0.273
	Bypass mode	Nom.	Ultra high/High/Low	kW	0.132/0.111/0.058	0.161/0.079/0.064	0.085/0.061/0.031	0.148/0.100/0.045	0.195/0.131/0.059	0.289/0.194/0.086	0.417/0.300/0.119	0.525/0.350/0.156	0.835/0.600/0.239
Temperature exchange efficiency - 50Hz	Ultra high/High/Low			%	77.0(1)/72.0(2)/78.3(1)/72.3(2)/82.8(1)/73.2(2)	74.9(1)/69.5(2)/76.0(1)/70.0(2)/80.1(1)/72.0(2)	85.1/86.7/90.1	80.0/82.5/87.6	84.3/86.4/90.5	82.5/84.2/87.7	79.6/81.8/86.1	83.2/84.8/88.1	79.6/81.8/86.1
Enthalpy exchange efficiency - 50Hz	Cooling	Ultra high/High/Low		%	60.3(1)/61.9(1)/67.3(1)	60.3(1)/61.2(1)/64.5(1)	65.2/67.9/74.6	59.2/61.8/69.5	59.2/63.8/73.1	67.7/70.7/76.8	62.6/66.4/74.0	68.9/71.8/77.5	62.6/66.4/74.0
	Heating	Ultra high/High/Low		%	66.6(1)/67.9(1)/72.4(1)	66.6(1)/67.4(1)/70.7(1)	75.5/77.6/82.0	69.0/72.2/78.7	73.1/76.3/82.7	72.8/75.3/80.2	68.6/71.7/77.9	73.8/76.1/80.8	68.6/71.7/77.9
Operation mode					Heat exchange mode, bypass mode, fresh-up mode								
Heat exchange system					Air to air cross flow total heat (sensible + latent heat) exchange								
Heat exchange element					Specially processed non-flammable paper								
Dimensions	Unit	HeightxWidthxDepth		mm	285x776x525		301x1,113x886		368x1,354x920	368x1,354x1,172		731x1,354x1,172	
Weight	Unit			kg	24.0		46.5		61.5	79.0		157	
Casing	Material				Galvanised steel plate								
Fan	Air flow rate - 50Hz	Heat exchange mode	Ultra high/High/Low	m^3/h	150/140/105	250/230/155	350(1)/300(1)/200(1)	500(1)/425(1)/275(1)	650(1)/550(1)/350(1)	800(1)/680(1)/440(1)	1,000(1)/850(1)/550(1)	1,500(1)/1,275(1)/825(1)	2,000(1)/1,700(1)/1,100(1)
		Bypass mode	Ultra high/High/Low	m^3/h	150/140/105	250/230/155	350(1)/300(1)/200(1)	500(1)/425(1)/275(1)	650(1)/550(1)/350(1)	800(1)/680(1)/440(1)	1,000(1)/850(1)/550(1)	1,500(1)/1,275(1)/825(1)	2,000(1)/1,700(1)/1,100(1)
	External static pressure - 50Hz	Ultra high/High/Low		Pa	90/87/40	70/63/25	90(1)/70.0/50.0(1)						
Air filter	Type				Multidirectional fibrous fleeces		Multidirectional fibrous fleeces (G3)						
Sound pressure level - 50Hz	Heat exchange mode	Ultra high/High/Low		dBA	27.0/26.0/20.5	28.0/26.0/21.0	34.5(1)/32.0(1)/29.0(1)	37.5(1)/35.0(1)/30.5(1)	39.0(1)/36.0(1)/31.0(1)	39.0(1)/36.0(1)/30.5(1)	42.0(1)/38.5(1)/32.5(1)	42.0(1)/39.0(1)/33.5(1)	45.0(1)/41.5(1)/36.0(1)
	Bypass mode	Ultra high/High/Low		dBA	27.0/26.5/20.5	28.0/27.0/21.0	34.5(1)/32.0(1)/28.0(1)	38.0(1)/35.0(1)/29.5(1)	38.0(1)/34.5(1)/30.5(1)	40.0(1)/36.5(1)/30.5(1)	42.5(1)/40.0(1)/32.5(1)	42.0(1)/39.0(1)/32.5(1)	45.0(1)/41.0(1)/35.0(1)
Operation range	Around unit			°CDB	-		0°C~40°CDB, 80% RH or less						
Connection duct diameter				mm	100	150	200		250			2x250	
Power supply	Phase/Frequency/Voltage			Hz/V	1~; 50/60; 220-240/220								
Current	Maximum fuse amps (MFA)			A	15.0		16.0						
Specific energy consumption (SEC)	Cold climate			kWh/(m^2.a)	-56.0(5)	-60.5(5)	-						
	Average climate			kWh/(m^2.a)	-22.1(5)	-27.0(5)	-						
	Warm climate			kWh/(m^2.a)	-0.100(5)	-5.30(5)	-						
SEC class					D / See note 5	B / See note 5	-						
Maximum flow rate at 100 Pa ESP	Flow rate			m^3/h	130	207	-						
	Electric power input			W	129	160	-						
Sound power level (Lwa)				dB	40	43	51	54	58		61	62	65
Annual electricity consumption				kWh/a	18.9(5)	13.6(5)	-						
Annual heating saved	Cold climate			kWh/a	41.0(5)	40.6(5)	-						
	Average climate			kWh/a	80.2(5)	79.4(5)	-						
	Warm climate			kWh/a	18.5(5)	18.4(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

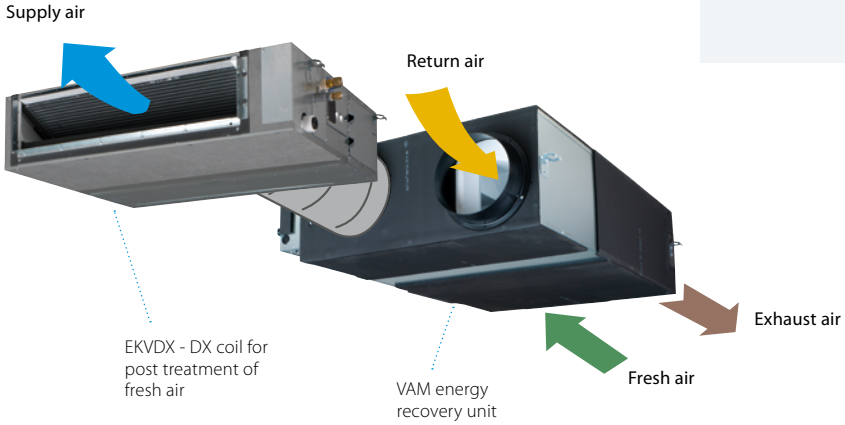
DX coil for air processing

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 m^3/h
- High ESP up to 150 Pa
- Can be integrated in both R-32/R-410A VRV systems



EKVDX50A



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 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			
Weight	Unit			kg	19	23.4	30.1	37.7
Operation range	Around unit			°CDB	10°C~40°CDB, 80% RH or less			
	On coil temperature	Cooling	Max.	°CDB	35			
		Heating	Min.	°CDB	11			
Piping connections	Liquid	OD		mm	6.35			
	Gas	OD		mm	12.7			
	Drain				VP20 (I.D. 20/O.D. 26), drain height 625 mm			
Refrigerant	Type				R410A/R32			
	GWP				2,087.5/675			
Heat exchange system					Direct expansion			
Power supply	Phase				single phase			
	Frequency			Hz	50/60			
	Voltage			V	220-240/220			

Possible Combination VAMJ8 + EKDVX					EKVDX32A + VAM500J8	EKVDX50A + VAM650J8	EKVDX50A + VAM800J8	EKVDX80A + VAM1000J8	EKVDX100A + VAM1500J8	EKVDX100A + VAM2000J8
Cooling capacity	Total (VAM+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 (VAM+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	Air flow rate - 50Hz	Heat exchange mode	Ultra high	m^3/h	500	650	800	1,000	1,500	2,000
			High	m^3/h	425	550	680	850	1,275	1,700
		Bypass mode	Ultra high	m^3/h	500	650	800	1,000	1,500	2,000
			High	m^3/h	425	550	680	850	1,275	1,700
	External static pressure - 50Hz	Maximum		Pa	81.9	73.0	133.7	106.0	153.6	92.1
		Ultra high		Pa	51.9	43.0	23.7	26.0	43.6	12.1
		High		Pa	39.0	33.9	19.4	21.4	35.1	11.9
Sound pressure level - 50Hz	Cooling		Ultra high	dBA	32	34	35.5	40.5	38.5	43.5
			High	dBA	30.5	32	34	38	37	40
	Heating		Ultra high	dBA	32.5	34.5	36	40.5	39	44
			High	dBA	31.5	32	34	38.5	37	40.5
Current	Maximum fuse amps (MFA)			A	6	6	6	6	16	16

The heat reclaim ventilation unit and the EKVDX indoor unit MUST share the same electrical safety devices and power supply

Energy recovery ventilation, humidification and air processing



VKM80-100GBM

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

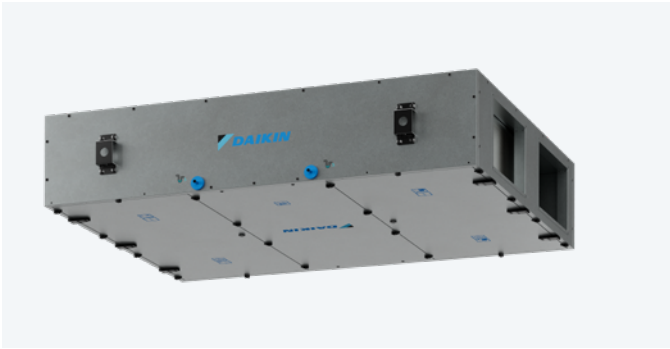
- Energy saving ventilation using indoor heating, cooling and moisture recovery
- Creates a high quality indoor environment by pre conditioning of incoming fresh air
- Humidification of the fresh air results in comfortable indoor humidity level, even during heating
- Free cooling possible when outdoor 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 CO_2 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

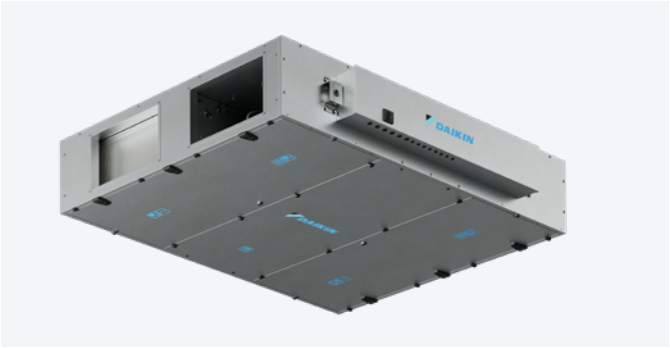
VKM-GBM

Ventilation				VKM-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 conditioning load	Cooling			kW	4.71/1.91/3.5	7.46/2.96/5.6	9.12/3.52/7.0
	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/Low			%	76/76/77.5	78/78/79	74/74/76.5
Enthalpy exchange efficiency - 50Hz	Cooling	Ultra high/High/Low		%	64/64/67	66/66/68	62/62/66
	Heating	Ultra high/High/Low		%	67/67/69	71/71/73	65/65/69
Operation mode					Heat exchange mode / Bypass mode / Fresh-up mode		
Heat exchange system					Air to air cross flow total heat (sensible + latent heat) exchange		
Heat exchange element					Specially processed non-flammable paper		
Humidifier	System				Natural evaporating type		
Dimensions	Unit	HeightxWidthxDepth		mm	387x1,764x832	387x1,764x1,214	
Weight	Unit			kg	100	119	123
Casing	Material				Galvanised steel plate		
Fan-Air flow rate - 50Hz	Heat exchange mode	Ultra high/High/Low		m^3/h	500/500/440	750/750/640	950/950/820
	Bypass mode	Ultra high/High/Low		m^3/h	500/500/440	750/750/640	950/950/820
Fan-External static pressure - 50Hz	Ultra high/High/Low			Pa	200/150/120	205/155/105	110/70/60
Air filter	Type				Multidirectional fibrous fleeces		
Sound pressure level - 50Hz	Heat exchange mode	Ultra high/High/Low		dBA	38/36/34	40/37.5/35.5	40/38/35.5
	Bypass mode	Ultra high/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/Max./Heating/Min.		°CDB	-15/43		
Refrigerant	Control				Electronic expansion valve		
	Type				R-410A		
	GWP				2,087.5		
Connection duct diameter				mm	200	250	
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 amps (MFA)			A	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

For integration with Applied systems, please refer to the Compact L, in the AHU chapter

D-AHU Compact L Smart			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	16					
Main unit dimensions	Width	mm	920	1,100	1,600		2,000	
	Height	mm	280	350	415		500	
	Length	mm	1,660	1,800	2,000			
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

(1) ALB02*C* refers to all configuration available for Compact L size 02 (Smart or Pro version and right or left handing)

Please refer to Databook or Astra selection software for more details.

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 m^3/h



ATB-S

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 Smart			ATB03*B* (1)	ATB04*B*	ATB05*B*	ATB06*B*	ATB07*B*
Airflow	Nominal	m^3/h	800	1,650	2,300	2,700	3,900
Electrical supply	Phase	ph	1				
	Frequency	Hz	50				
	Voltage	V	230				
	Max internal fuse	A	16				
Main unit dimensions	Width	mm	550		790		890
	Height	mm	1,600		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.

Please refer to Databook or Astra selection software for more details.

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

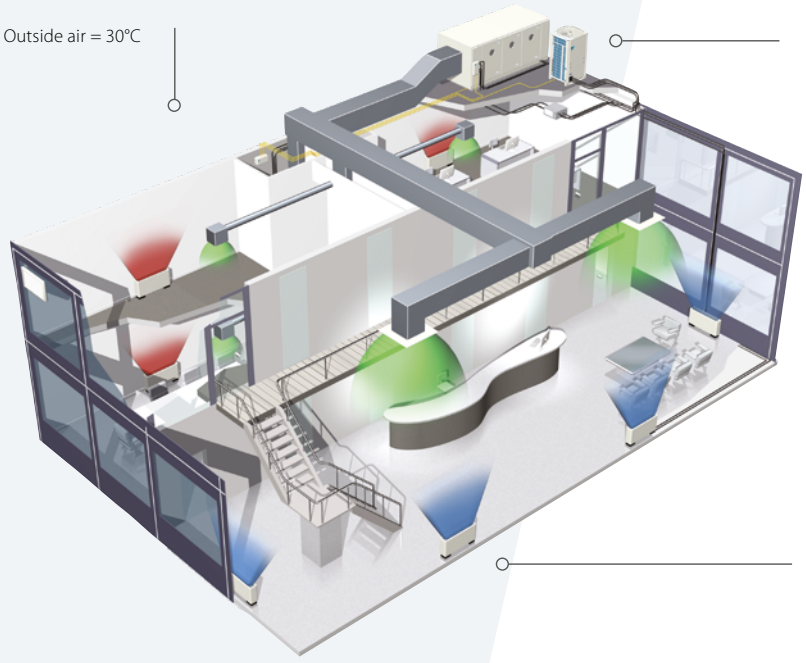
Easy design, all components integrated

- 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



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
- F**ully compliant to IEC60335-2-40**, thanks to Shîrudo Technology



Extended operation range
-20°CWB > 52°CDB

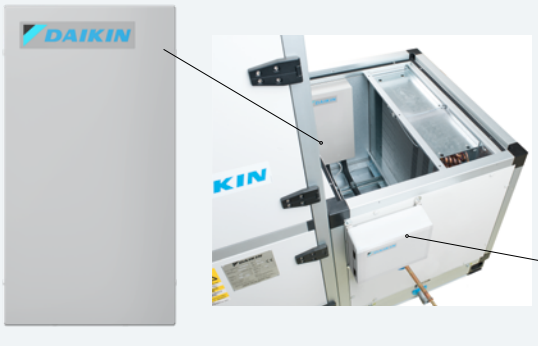
NEW Control box

- 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**



Expansion valve set (EKEXVA*)

- Controls the refrigerant flow in the AHU DX coil
- Fully brazed and wired in case of a Daikin AHU



Control box (EKEACB)

- Controls the expansion valve set and outdoor unit(s) capacity
- Mounted and wired in case of a Daikin AHU



Specifications



EKEXVA – Expansion valve kit

Ventilation	EKEXVA				50	63	80	100	120	140	200	250	300	350	400	450	500
Dimensions	Unit			mm	404x217x80.5												
Weight	Unit			kg	2.9												
Operation range	On coil temperature	Heating	Min.	°CDB	10.0												
		Cooling	Max.	°CDB	35.0												
Ambient installation conditions	Min.			°CDB	-20.0												
	Max			°CDB	52.0												
Sound pressure level	Cooling	Nom.		dBA	36.5	37.5	38.6	39.5	40.5	41.1	42.5	43.5	44.3	45.1	45.6	46.1	46.5
	Nom.			dBA	24.8	25.8	26.8	27.8	28.8	29.4	30.8	31.8	32.5	33.3	33.8	34.3	34.8
Refrigerant	Type / GWP				R-32 / 675 R-410A / 2,087.5												
Piping connections	Liquid	Type		mm	Braze connection (only liquid line connected)												
		OD		mm		6.35			9.52				12.7				



EKEACB – Control box

			EKEACB
Layout			Pair | Multi | Mix
Dimensions	Unit	mm	300x400x150
Weight	Unit	kg	5.1
Ambient installation conditions	Min	°CDB	-20
	Max	°CDB	52
Power supply	Phase		1~
	Frequency	Hz	50/60
	Voltage	V	220-240/220

Click for more information on **EKEACB** or **EKEXVA** outdoor units

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

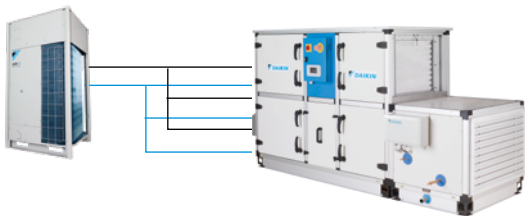
One ERA or VRV heat pump (system) connected to one AHU through one refrigerant circuit

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



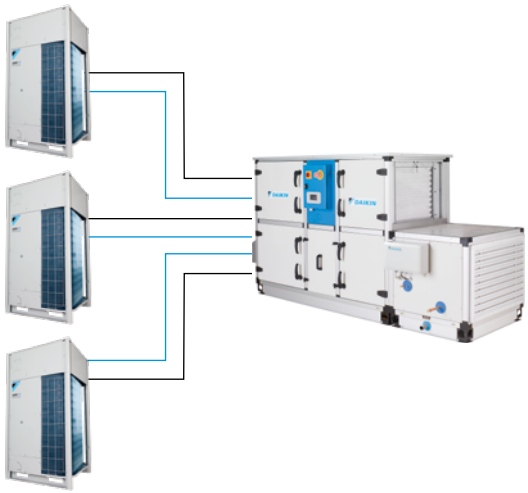
One VRV heat pump (system) connected to the interlaced coil of one AHU through several refrigerant circuits

- 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

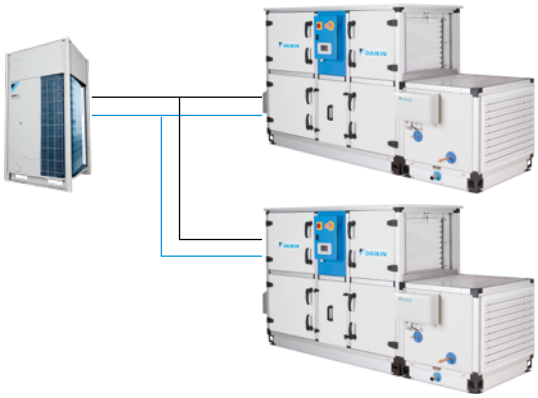
- with W, X, Y control
- not allowed for VRV H/R and VRV-i



Multi layout

One VRV heat pump connected to several AHUs

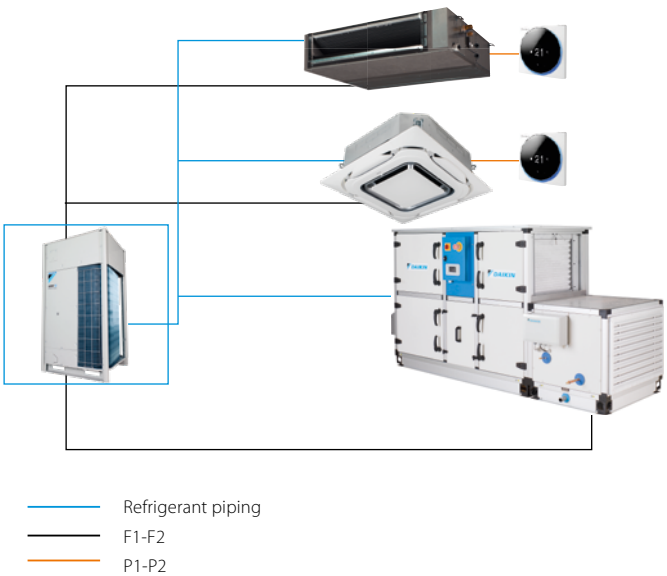
- with Z, Z' control and field supplied controls on AHU side.
- not allowed for VRV H/R
- no interlaced coil possible



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.

Cooling

	EKEXVA Class	Allowed heat exchanger capacity (kW)			Allowed heat exchanger volume (dm³)*		
					Minimum		Maximum
		Minimum	Nominal	Maximum	General Limits	(65%<CR<75%) Only for pair and multi layout	Maximum
	50	5.0	5.6	6.2	0.95	1.09	1.65
	63	6.3	7.1	7.8	1.02	1.18	2.08
	80	7.9	9.0	9.9	1.42	1.64	2.64
	100	10.0	11.2	13.1	1.51	1.74	3.30
	125	13.2	14.0	15.4	1.98	2.29	4.12
	140	15.5	16.0	21.0	2.54	2.94	4.62
	200	21.1	22.4	24.6	3.02	3.49	6.60
	250	24.7	28.0	30.8	3.97	4.58	8.25
NEW	300	30.9	33.5	36.9	4.53	5.25	9.9
NEW	350	37.0	40.0	44.0	5.48	6.32	11.55
	400	44.1	45.0	49.5	6.04	6.97	13.2
NEW	450	49.6	50.4	55.4	6.99	8.07	14.5
	500	55.5	56.0	61.6	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.

Heating

	EKEXVA Class	Allowed heat exchanger capacity (kW)			Allowed heat exchanger volume (dm³)*		
					Minimum		Maximum
		Minimum	Nominal	Maximum	General Limits	(65%<CR<75%) Only for pair and multi layout	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
NEW	300	34.8	37.5	41.5	4.53	5.23	9.9
NEW	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
NEW	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: +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 ERA 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

Cooling

	EKEXVA Class	On-coil air temperature [°C]						
		14WB 20DB	16WB 23DB	18WB 26DB	19WB 27DB	20WB 28DB	22WB 30DB	24WB 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
NEW	300	22.6	26.9	31.3	33.5	35.3	36.1	36.9
NEW	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
NEW	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

Heating

	EKEXVA Class	On-coil air temperature [°C]						
		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
NEW	300	39.4	39.4	39.4	37.5	36.3	35.1	32.7
NEW	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
NEW	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.



White



Silver



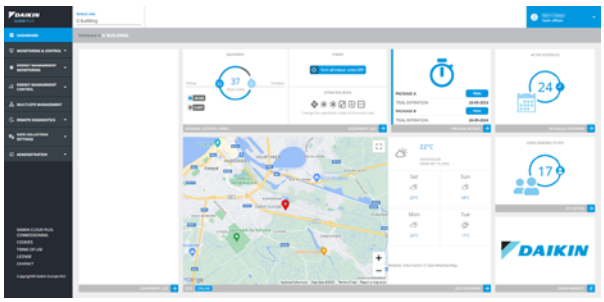
Black

Depending on the type of user and application Daikin develops controls and cloud services to ensure the best experience.

- 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

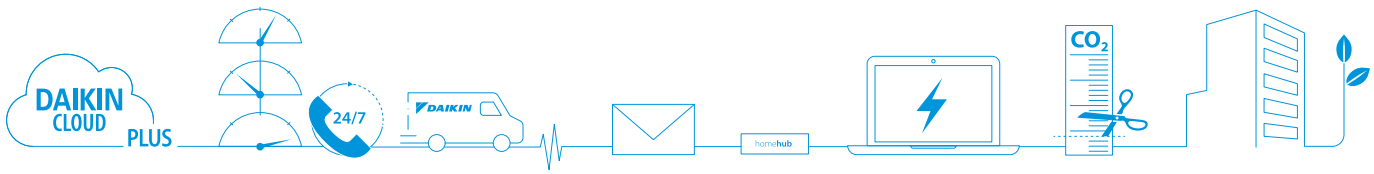
Our controls enable you to **connect with your customer**, save time, improve your comfort intelligently and reduce energy bills.

Remote monitoring





DAIKIN CLOUD PLUS

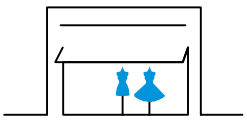


Control solutions summary

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

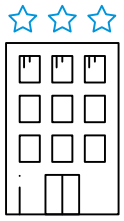
Shop

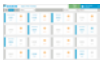


	Unit control		Integrating control				Advanced control			
										
	BRP069*	BRC1H52 W7/S7/K7	RTD-20	EKMBPP1A	KLIC DI V2	EKMBDXB	DCC601A51	DCM601B51	DGE601A51	DGE602A51
	Smartphone control for up to 50 indoor units	1 remote controller for 1 indoor unit (group)	1 gateway for 1 indoor unit (group)	1 gateway 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

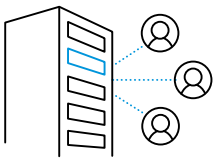


	Unit control	Integrating control		Advanced control			
							
	BRC1H52 W7/S7/K7	RTD-20	KLIC DI V2	DCM010A51	DCM601B51	DGE601A51	DGE602A51
	1 remote controller for 1 indoor unit (group)	1 gateway for 1 indoor unit (group)	Two additional probes can be connected	1 interface for up to 2,500 indoor units	1 iTM for 64 indoor unit(s) (groups) (1)	Up to 512 units with extension modules via Daikin Cloud Plus	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					•	•	•

(1) 7 iTM plus adapters (DGE601A52 and DGE601A53) can be added to have 512 indoor groups and 80 outdoor (systems)

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

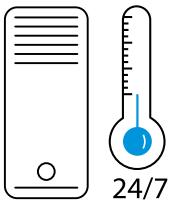
Office



	Unit control	Integrating control			Advanced control			
			 LonWorks Interface	 BACnet Interface				
	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
			
	BRC1H52W7/S7/K7	RTD-10	DCM601B51
	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.



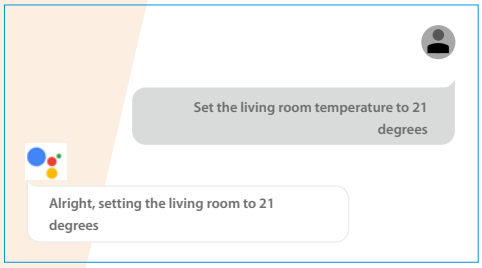
onecta

Voice control

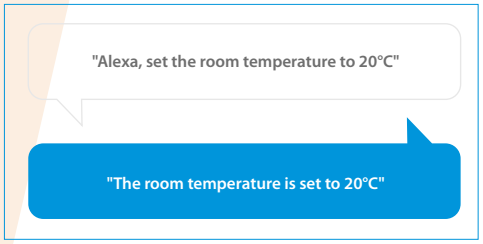
To provide users with even more comfort and ease, the Onecta App now offers voice control. This hands-free feature cuts down on clicks to manage units faster than ever before.
Cross-functional and multilingual, voice control pairs well with any smart device, including Google Assistant and Amazon Alexa.

works with the Google Assistant

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

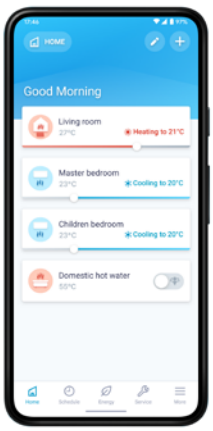


Monitor

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 BRP069C51 (1)
	FXZA-A	
	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 indoor units	FXFN-B	Optional BRP069C51
	FXSN-B	

For Sky Air

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



White
RAL9003 (glossy)
BRC1H52W7

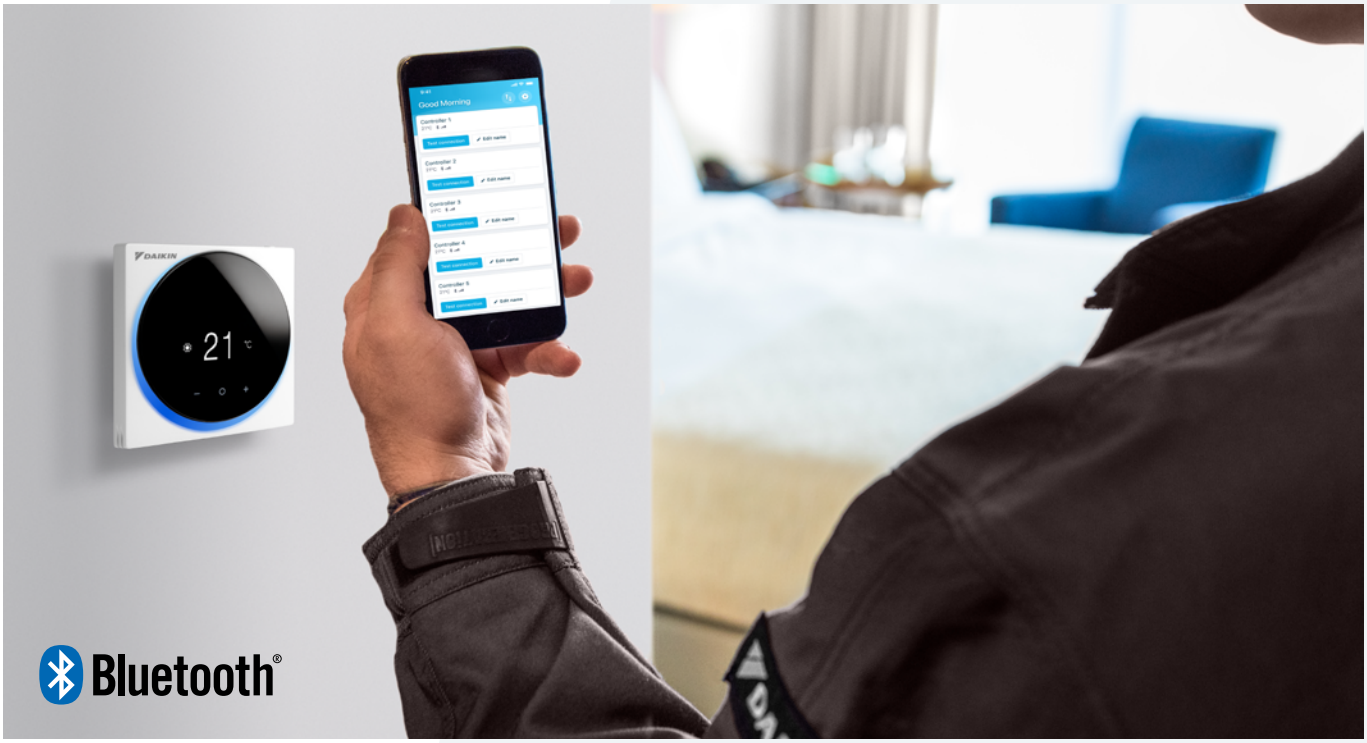
User-friendly wired remote controller with premium design

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
- CO_2 concentration visualisation

reddot award 2018
winner

DESIGN AWARD 2018



Madoka Assistant

Simplifies the advanced settings such as schedule or set point limitation

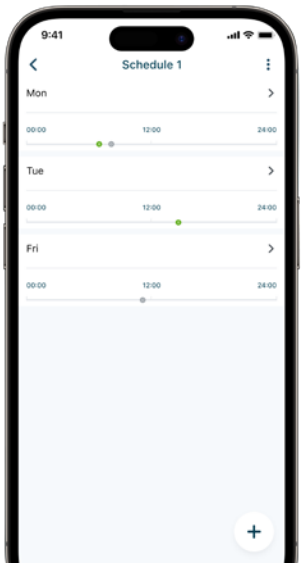
- Visual interface simplifies advanced settings such as schedule setting,energy saving activation, setting restrictions, etc.
- Save field settings and schedules on your phone and upload to multiple controllers, saving time and cost
- Easy and quick commissioning
- Featuring Bluetooth® low energy technology

Download the application here:

Control your devices



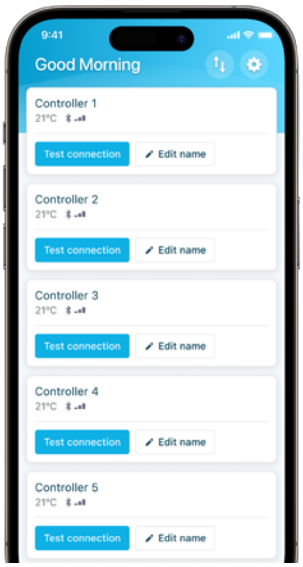
Set schedules



Gain insights



Installer mode



BRC1H52W7 / BRC1H52S7 / BRC1H52K7

Madoka wired remote controller for Sky Air and VRV



BRC1H52W7
Symbollic view



BRC1H52S7
Standard view



BRC1H52K7
CO_2 visualisation

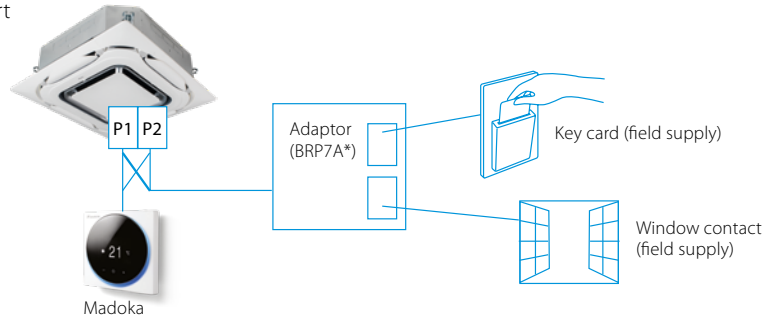
A complete redesigned controller focussed to enhance user experience

- 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

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



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.

Other functions

- 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 access
- 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
  After a certain period of time, the operating unit will go into standby and the standby unit will take over, extending the system lifetime.Rotation interval can be set for 6, 12, 24, 72 or 96 hours, as well as weekly.
- 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 and FCAHG)

A series of energy saving 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

Other functions

- 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*

DUTY ROTATION

(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
2. For FX** units only
3. For all features of the remote control, refer to the operation manual

DCC601A51

intelligent Tablet 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

Local solution

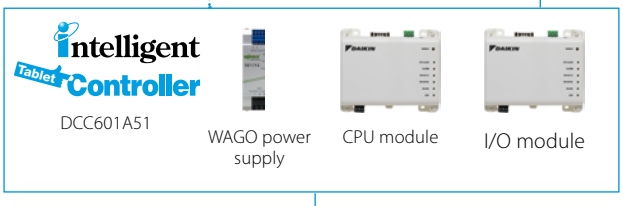




AL-CCD07-VESA-1



Pulse input or Digital input





Split, SkyAir, VRV, ventilation, air curtains

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

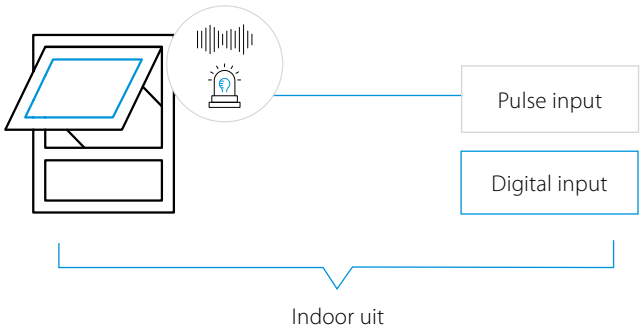
User friendly touch control

- 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
System layout	N° of connectable indoor units	32
	Multiple sites control	
Monitoring & 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	
	Group control	•
	Weekly schedule	•
	Yearly schedule	
	Interlock control	•
	Set point limitation	
	Visualisation of energy use per operation mode	
Connectable to	DX split, Sky Air, VRV	•
	Modular L Smart, VAM, VKM ventilation	•
	Air curtains	•

For available Daikin Cloud Service options refer to the option list

DCM601B51

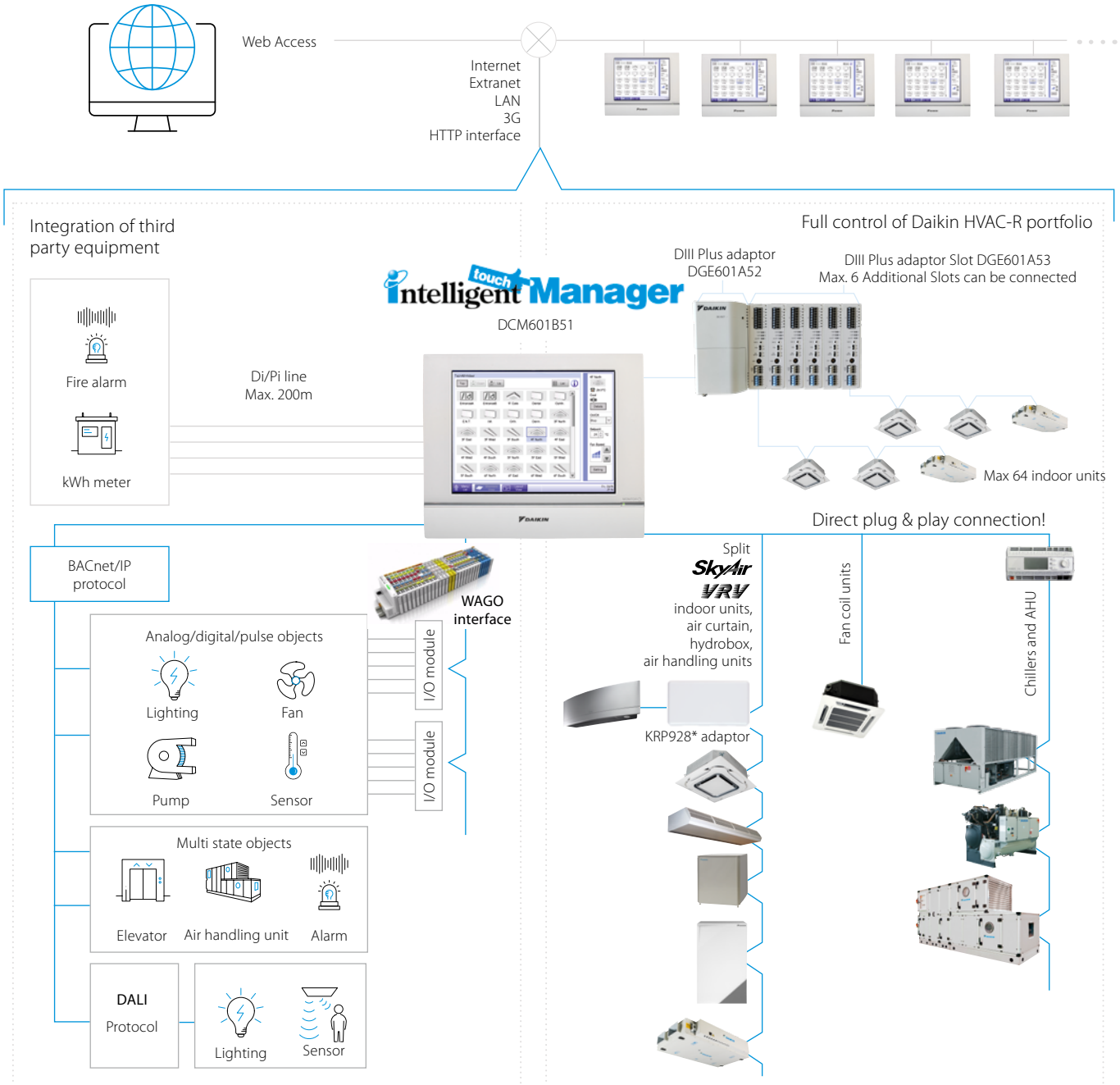
Mini BMS with full integration across all product pillars



touch intelligent Manager

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

System overview

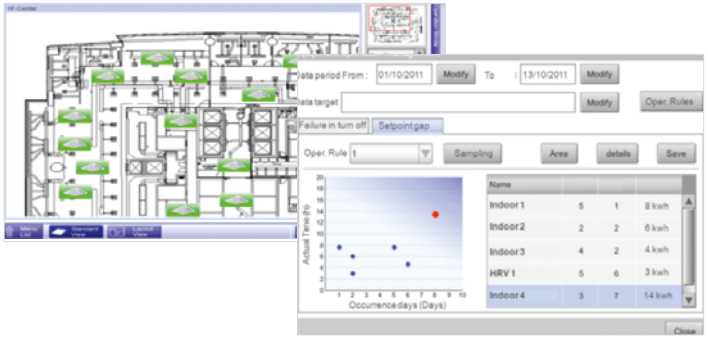


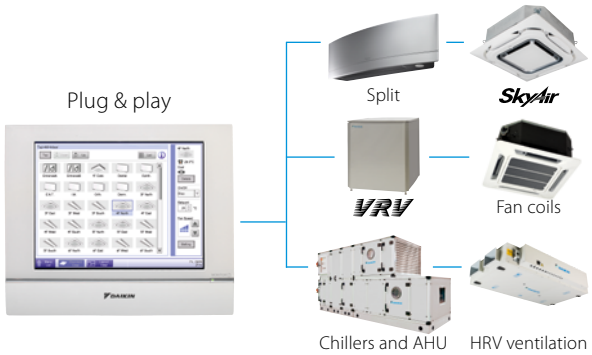
User friendliness
- Intuitive user interface
- Visual lay out view and direct access to indoor unit main functions
- All functions direct accessible via touch screen or via web interface
- Simplified electrical wiring, only one power supply & one connection wiring required

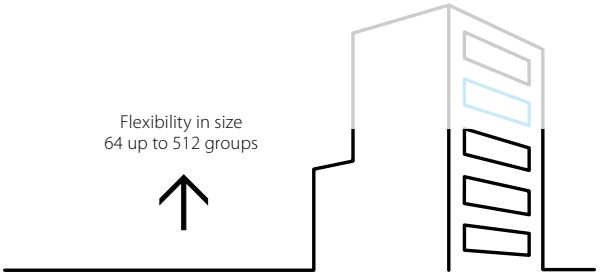
Smart energy management
- Monitoring if energy use is according to plan
- Helps to detect origins of energy waste
- Powerful schedules guarantee correct operation throughout the year
- Save energy by interlocking A/C operation with other equipment such as heating
- Peak Power Cut off Control: Activating 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 (CO_2 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)



Daikin Cloud Plus

Daikin Cloud Plus is a cloud-based remote control and monitoring solution for Daikin commercial HVAC installations. Using enhanced control, monitoring and predictive logic, Daikin Cloud Plus provides real-time data and support from Daikin experts to help you identify cost-saving opportunities, increase the lifetime of your equipment and reduce the risk of unexpected issues.

Benefits

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

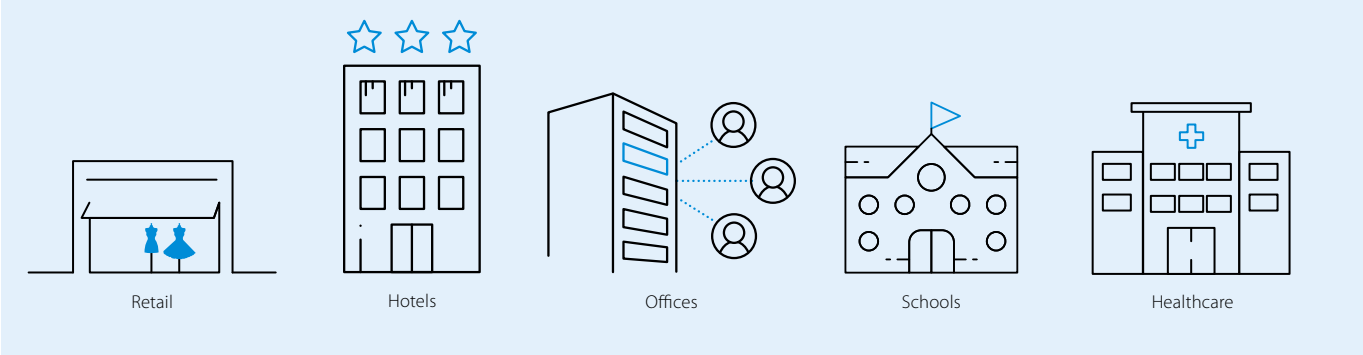
Connectivity and integration possibilities
- Simple to advanced edge controllers
- Various interfaces
- Advanced security

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

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

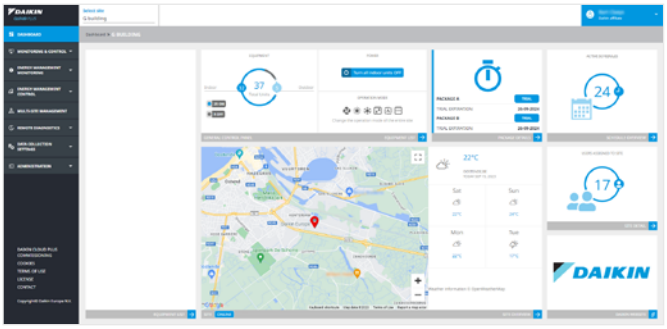


The ultimate control over your indoor climate and air quality
- Save energy & reduce costs
- Enhance comfort & satisfaction
- Smart control from anywhere
- Ensure healthy indoor environment
- Maximise uptime (remote prediction, monitor & diagnose)
- Integrates easily with building systems

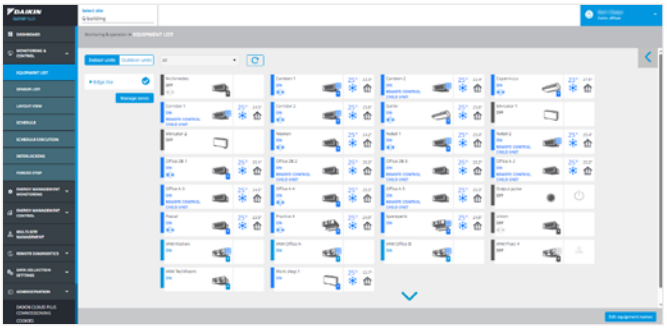
Supporting your business and helping you succeed
- Maximise comfort and satisfaction of your staff, customers, tenants, …
- Save energy & reduce costs
- Facilitate your sustainability goals
- Cost effective control and energy monitoring of HVAC and other facility systems such as lighting
- Limits the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

Cloud application interface

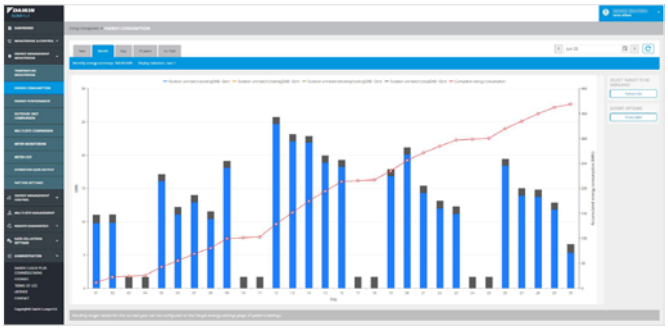




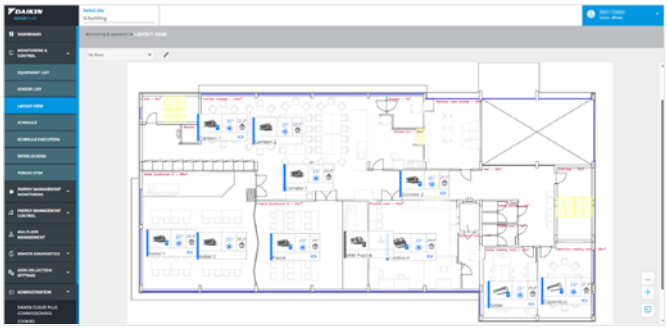
Dashboard



Equipment List



Energy Consumption



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.

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.

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.

Multi-site Management

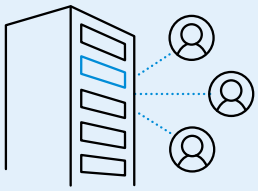
Get a map view of all your sites with status alerts, benchmark and compare sites to one another. From the map view, you can get direct access to each site to monitor and control the site remotely. This helps to reduce site visits and get insights that lead to opportunities for reducing operational costs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

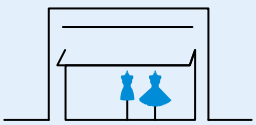
Effortlessly monitor, analyse, and fine-tune HVAC parameters remotely, enabling you to make informed decisions on the go. Real-time access to operational data, performance metrics, and energy usage empowers you to adjust settings, troubleshoot anomalies, and maintain peak efficiency, all while minimising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



Indoor & Outdoor Unit Analysis

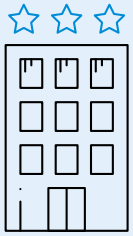
Dive into comprehensive insights into each unit's performance, energy consumption, and environmental impact. Seamlessly compare data across units, pinpointing inefficiencies and optimising your system's overall effectiveness. With a holistic view of indoor and outdoor units, you'll achieve unprecedented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

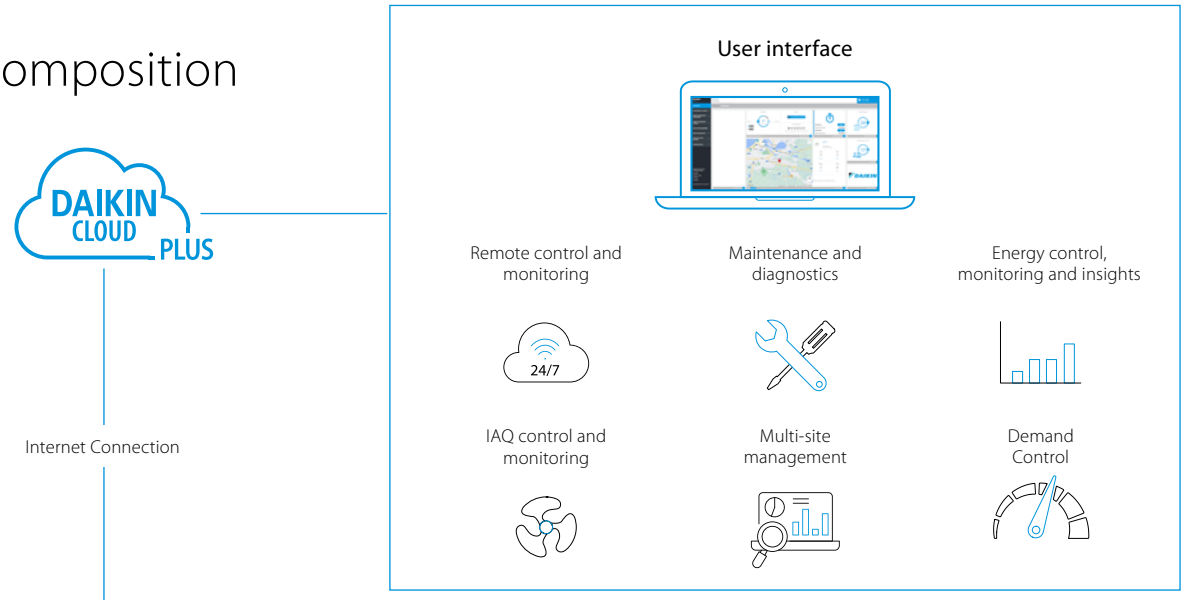
- Setting temperature ranges for rooms to avoid extreme settings by guests
- Energy monitoring
- Scalability made easier thanks to standardised system settings



Controllers & accessories

Controllers and their connections

Composition



Building

Limited local app (optional)

Local fallback function in case of internet disconnection

Other connections
WAGO, BACnet, Di/Pi

Edge controller and adapters

1.



DC+ Edge (DGE601A51)



DGPF DIII Plus ADP (DGE601A52)

+



DGPF DIII Plus ADP SLOT (DGE601A53)

2.



DC+ Edge lite (DGE602A51)



Controller Features

				DGE601A51 (Edge)	DGE602A51 (Edge lite)
Controller specification	I/F	DIII	port	2	1
			(Indoor unit connection / port)	64	64
		Ethernet	Internet	1	1
			2nd LAN port (BACnet)	1(N.A. yet)	0
		RS485	WAGO	1	0
		ADP	For DIII NET Plus ADP	1	0
			(Maximum expansion)	6	
		Contact	Di/Pi	8	4
			Do	3	2
	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 CO_2 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



Overview functions







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 control functions (setpoint limitation, ...)			✓	✓	✓	✓**	✓
Modbus (RS485)			✓	✓	✓	✓	✓
Group control			✓(1)	✓	✓	✓	✓
0 - 10 V control					✓	✓	
Resistance control					✓	✓	
IT application			✓		✓		
Heating interlock					✓	✓	
Output signal (on/defrost, error)					✓	✓****	✓
Retail application						✓	
Partitioned room control						✓	
Air curtain				✓***	✓***	✓	

(1): By combining RTD-RA devices

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			

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	M	M	M	M	M




Main functions			RTD-W
Dimensions	HxWxD	mm	100x100x22
On/off prohibition			✓
Modbus RS485			✓
Dry contact control			✓
Output signal (operation error)			✓
Space heating / cooling operation			✓
Domestic hot water control			✓
Smart Grid control			
Control functions			
On/Off Space heating/cooling			M,C
Set point leaving water temperature (heating / cooling)			M,V
Room temperature setpoint			M
Operation mode			M
Domestic Hot water ON			
Domestic Hot Water reheat			M,C
Domestic Hot Water reheat setpoint			
Domestic Hot Water storage			M
Domestic Hot Water Booster setpoint			
Quiet mode			M,C
Weather dependent setpoint enable			M
Weather dependent curve shift			M
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 (*)			M
▪ Actual refrigerant temperature			
▪ Actual outdoor temperature			M

Control functions	EKRHH
Leaving water main heating or cooling setpoint	✓
Operation mode	✓
Space heating/cooling ON/OFF	✓
Room thermostat control heating or cooling setpoint	✓
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	✓
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	✓

M: Modbus / R: Resistance / V: Voltage / C: control | *: only when room is occupied / **: setpoint limitation / (*) if available | ***: no fan speed control on the CYV air curtain / ****: run & fault

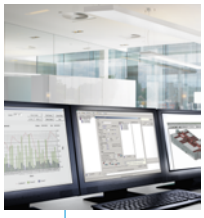
EKMBDXB

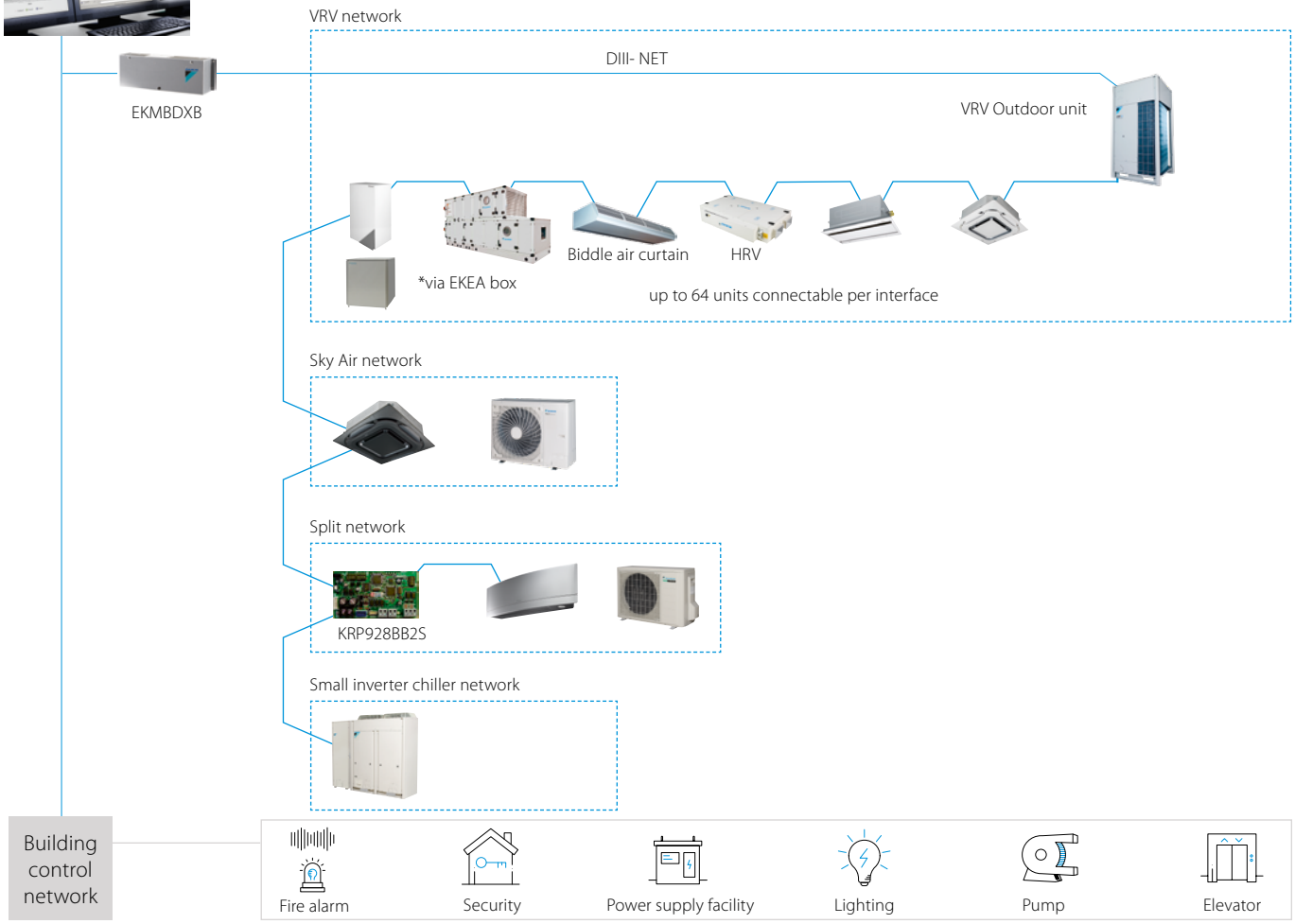
DIII-net Modbus interface

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).







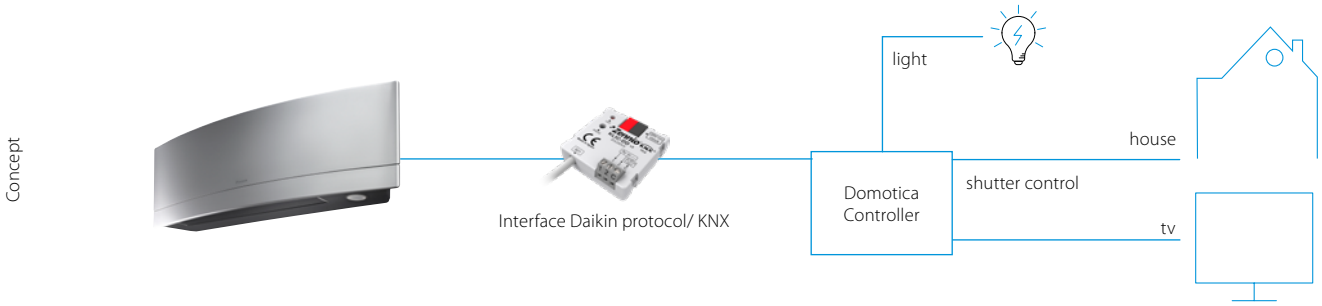
			EKMBDXB7V1
Maximum number of connectable indoor units			64
Maximum number of connectable outdoor units			10
Communication	DIII-NET - Remark		DIII-NET (F1F2)
	Protocol - Remark		2 wire; communication speed: 9,600 bps or 19,200 bps
	Protocol - Type		RS485 (modbus)
	Protocol - Max. Wiring length	m	500
Dimensions	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

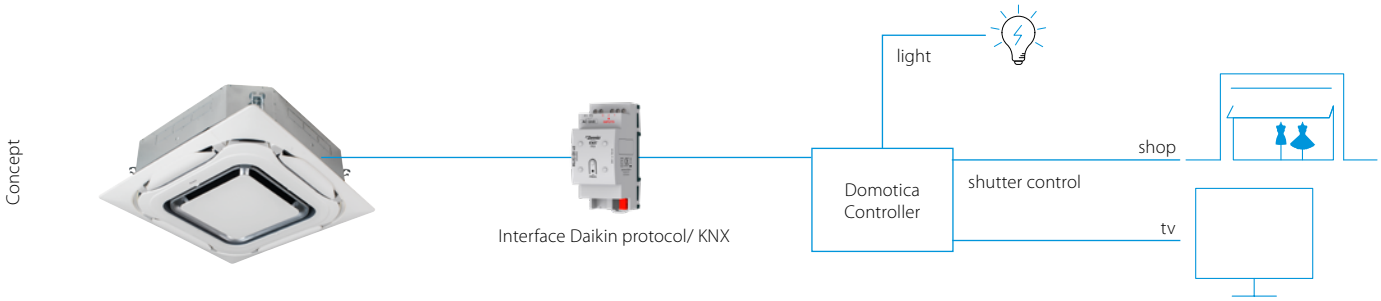
KNX interface

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	
	Split	Sky Air	VRV
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	Stop or movement	Stop or movement	Swing or fixed positions (5)
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



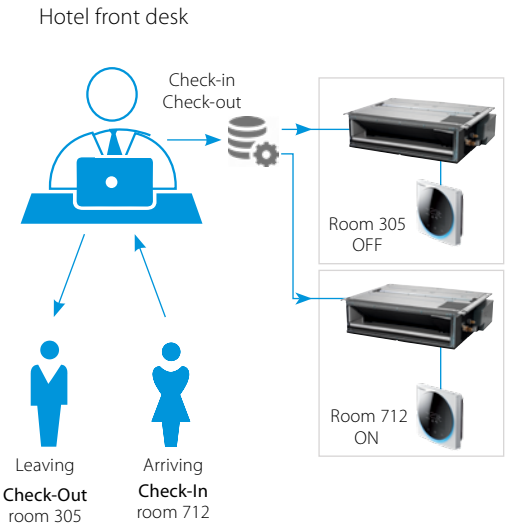
Room view showing room status: check-in, check-out, pre-heating / cooling status, room temperature and A/C status

HVAC settings can be easily observed and changed by the reception desk

Multiple room types (bed-room, meeting room, …) can be defined with customized A/C settings for each type

Hotel case example:

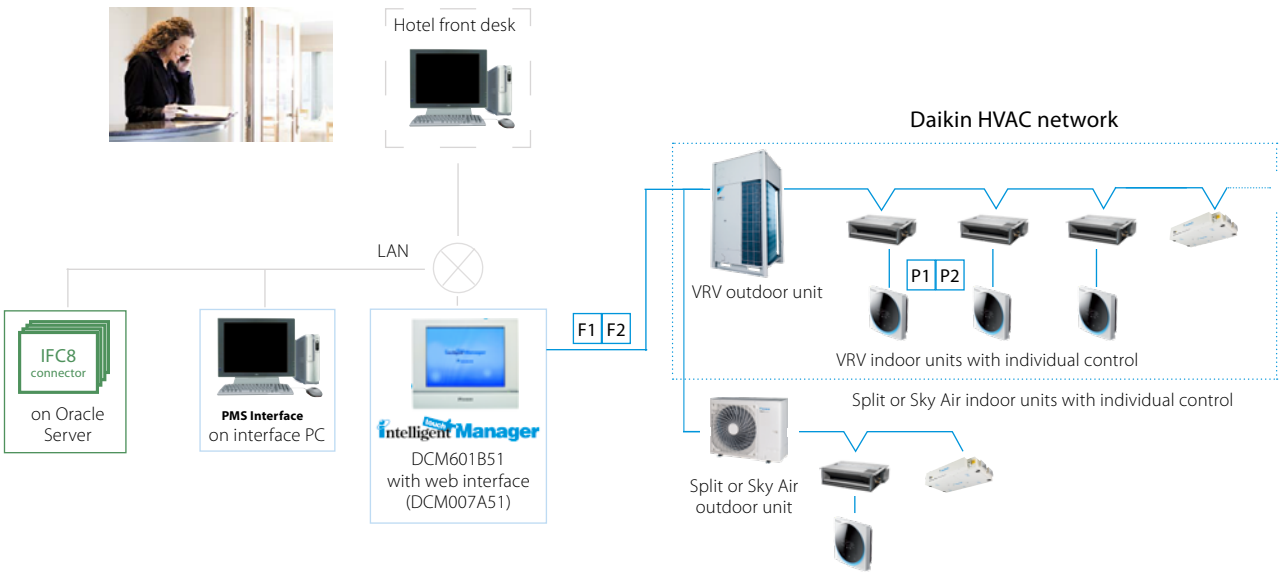
- On check-in the HVAC for the room is automatically switched on
- On check-out the HVAC for the room is automatically switched off.
- Increased hotel customer experience by pre-heating / cooling of booked rooms



Features

- 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.

Simplified configuration of Daikin PMS interface

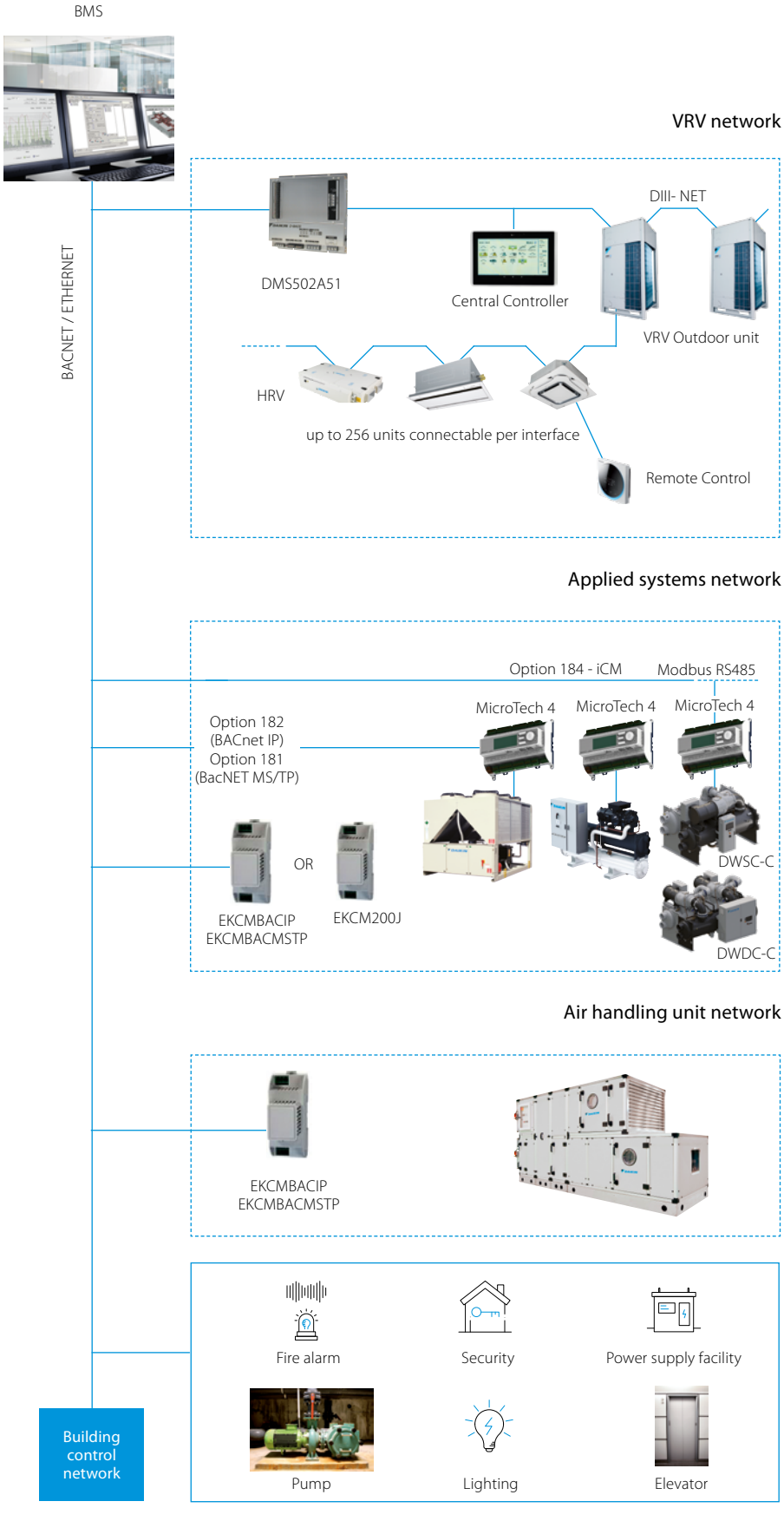


DMS502A51 / EKACBACMSTP / EKCMBACIP / EKCMBACMSTP

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)

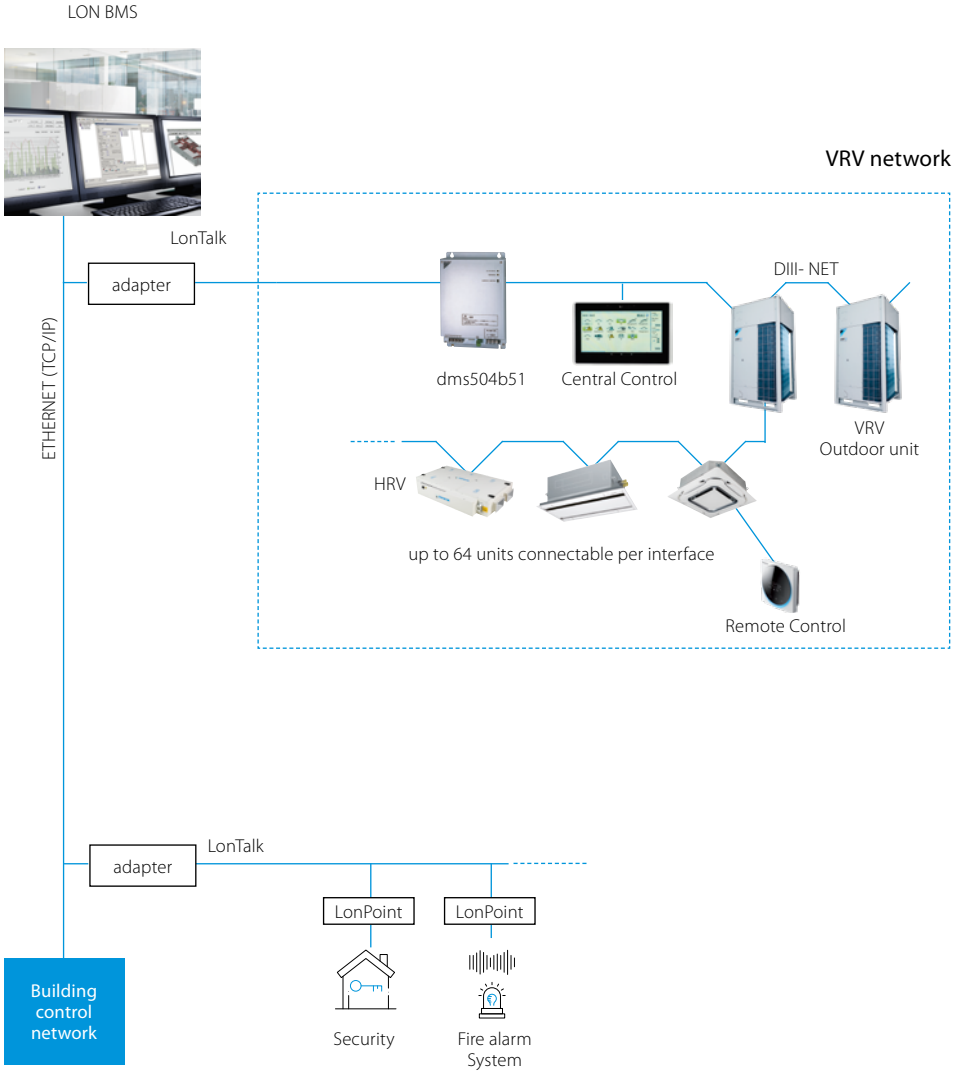


DMS504B51

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

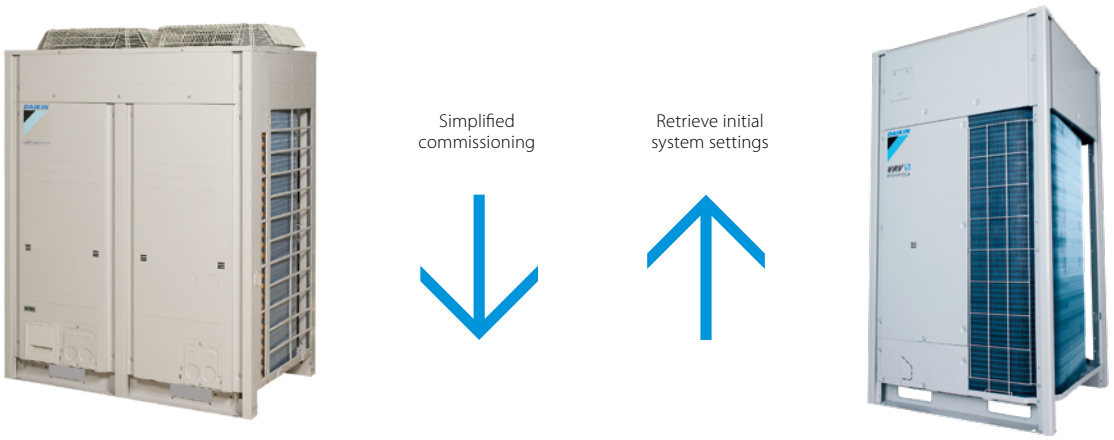
Daikin Configurator Tool + Software

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





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)



RF receiver

RF sensor (transmitter)

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	10	
Operation range		°C	0~50	
Communication	Type		RF	
	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		•	•
	**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		•	
	**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** Unification 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	•		
	**KRP413*** Wiring 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	•		

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

Accessories

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



CO_2 VRV
The low GWP solution

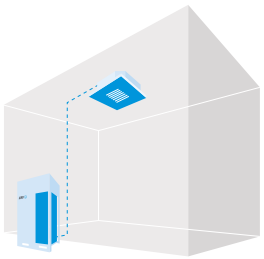
- Portfolio 110
- RXYN-B | CO_2 VRV heat pump NEW 111
- FXFN-B | CO_2 VRV Round Flow cassette NEW 112
- FXSN-B | CO_2 VRV Concealed ceiling unit NEW 113

Benefits of CO_2

- Using so-called natural refrigerant CO_2
- Low GWP value of 1, making it one of the most sustainable refrigerants
- Classified as non-flammable (A1), simplifying system design

Benefits of CO_2 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



DAIKIN CLOUD PLUS



CO_2 VRV installation example for supermarket

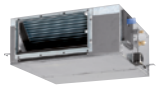
CO_2 VRV outdoor unit overview

Capacity class (HP)

	Model			10
	Cooling Capacity			28.0
	Heating Capacity			31.5
Air-cooled heat pump	**NEW** **CO_2 VRV**	▪ The low GWP solution - Using so-called natural refrigerant CO_2 - Low GWP of 1 - Non-flammable (A1) refrigerant	RXYN-B 	•

CO_2 VRV indoor unit overview

Capacity class

Type	Model		Product name	40	50	63	80
Ceiling mounted cassette	**NEW** **Round flow cassette**	**360° air discharge for optimum efficiency and comfort** ▪ Auto cleaning function ensures high efficiency ▪ Intelligent sensors save energy and maximise comfort ▪ Flexibility to suit every room layout ▪ Widest choice ever in decoration panel designs and colors	FXFN-B 	•	•	•	•
Concealed ceiling	**NEW** **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 120Pa facilitates using flexible ducts of varying lengths ▪ Automatic air flow adjustment function measures the air volume and static pressure and adjusts it towards the nominal air flow, guaranteeing comfort	FXSN-B 	•	•	•	•
Cooling capacity (kW)[1]				4.5	5.6	7.1	9.0
Heating capacity (kW)[2]				5.0	6.3	8.0	10.0

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



CO_2 VRV

The low GWP solution

- Using the so-called natural refrigerant CO_2 (R-744)
- With a low GWP of 1, CO_2 is one of the most sustainable refrigerants
- Non-flammable (A1) refrigerant, simplifying system design
- Incorporates all typical VRV benefits: quick and easy to design and install, precise zone control with quick response to changing load



RXYN10B

Access all technical data here:

RXYN-B

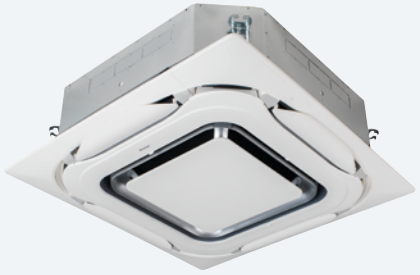
Outdoor unit				RXYN-B
				10B
Capacity range			HP	10
Cooling capacity	Prated,c		kW	28.0
Heating capacity	Prated, h		kW	28.0
	Max.		kW	31.5
Recommended combination				4x FXFN63B
ηs,c			%	189.2
ηs,h			%	137.1
SEER				4.8
SCOP				3.5
Maximum number of connectable indoor units				8
Indoor index connection		Min.		125
		Max.		325
Dimensions	HxWxD		mm	1,680x1,930x765
Weight			kg	564
Sound power level	Cooling		dB(A)	83.5
	Heating		dB(A)	83.5
Sound pressure level	Cooling		dB(A)	61
Operation range	Cooling	Min °C	°CDB	-5~43
	Heating	Max °C	°CWB	-20~15.5
Refrigerant	Type/GWP			R744/1
	Charge	tCO2eq/ kg	kg	0
Piping connections	Liquid OD		mm	9.52
	Gas OD		mm	15.9
	Tot. pip. length	Sys. actual	m	300
Power supply	Phase/Freq./ Voltage		Hz/V	3N~/50/380~415
Current - 50Hz	Max. fuse amps (MFA)		A	40

NEW FXFN-B

Round flow cassette

360° air discharge for optimum efficiency and comfort

- Optimised design for CO_2 refrigerant (R-744)
- Optional automatic filter cleaning panel results in higher efficiency & comfort and lower maintenance costs
- Two optional intelligent sensors improve energy efficiency and comfort
- Widest choice ever in decoration panels: designer panels in white (RAL9010) and black (RAL9005) and standard panels in white (RAL9010) with grey louvers or full white
- Bigger flaps and unique swing pattern improve equal air distribution
- Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- Optional fresh air intake
- Standard drain pump with 675mm lift increases flexibility and installation speed



FXFN-B

Auto cleaning filter

Floor and presence sensor

Whisper quiet

Individual flap control



BRC1H52W7



White panel



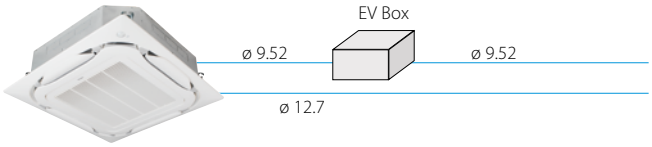
White auto cleaning panel



Black panel



Black design panel



CO_2 Cassette

Access all technical data here:

FXFN-B

Indoor Unit				FXFN	40B	50B	63B	80B
Cooling capacity	Total capacity	At high fan speed		kW	4.5	5.6	7.1	9
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				Standard panels: BYCQ140E2W1 - white with grey louvers / BYCQ140E2W1W - full white / BYCQ140E2W1B - black Auto cleaning panels: BYCQ140E2GFW1 - white / BYCQ140E2GFW1B - black Designer panels: BYCQ140E2P - white / BYCQ140E2PB - black			
	Dimensions	HeightxWidthxDepth		mm	Standard panels: 65x950x950 / Auto cleaning panels: 148x950x950 / Designer panels: 106x950x950			
	Weight			kg	Standard panels: 5.5 / Auto cleaning panels: 10.3 / Designer panels: 6.5			
Fan	Air flow rate - 50Hz	Cooling - at high fan speed		m^3/min	15.5	21	26.8	35.5
		Heating - at high fan speed		m^3/min	15.5	21	26.8	35.5
Air filter	Type				Resinnet			
Sound power level	Cooling	At high fan speed		dBA	53	57	62	66
Sound pressure level	Cooling	At high fan speed		dBA	35	39	44	48
	Heating	At high fan speed		dBA	36	40	45	49
Refrigerant	Type/GWP				R-744 / 1			
Piping connections	Liquid	OD		mm	9.52			
	Gas	OD		mm	12.7			
	Drain				VP20 (I.D. 20/O.D. 26), drain height 675 mm			
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220			
Current - 50Hz	Maximum fuse amps (MFA)			A	6			
Control systems	Infrared remote control				BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB			
	Wired remote control				BRC1H52W7/S7/K7			

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	Type		Brazing
		OD	mm	ø 9.52

NEW FXSN-B

Concealed ceiling unit with medium ESP

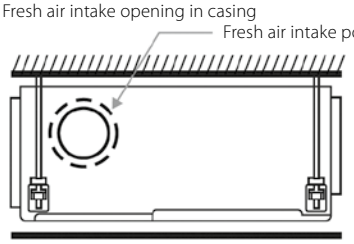
Slimmest yet most powerful medium static pressure unit on the market

- Optimised design for CO_2 refrigerant (R-744)
- Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge



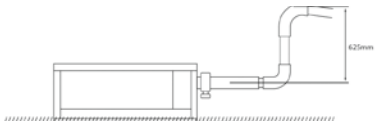
- Medium external static pressure up to 120Pa facilitates using flexible ducts of varying lengths
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Discretely concealed in the wall: only the suction and discharge grilles are visible
- Optional fresh air 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

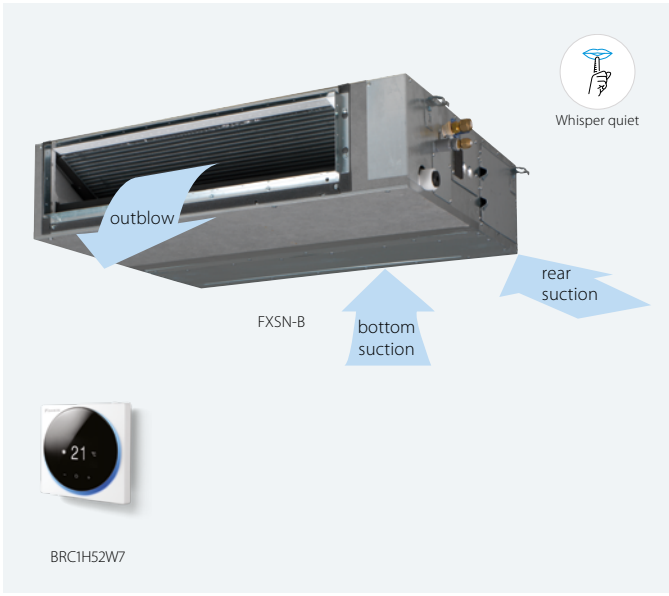
Fresh air intake opening in casing



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

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





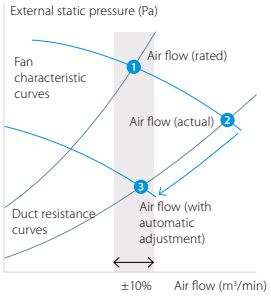
Automatic Airflow Adjustment function

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:

FXSN-B

Indoor Unit			FXSN	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	0.128	0.165	0.148	0.279
	Heating	At high fan speed	kW	0.128	0.179	0.16	0.313
Dimensions	Unit	HeightxWidthxDepth	mm	245x1,000x800		245x1,400x800	
Weight	Unit		kg	40		50	
Casing	Material			Galvanised steel plate			
Fan	Air flow rate - 50Hz	Cooling - at high fan speed	m^3/min	23	25	29.4	37.6
		Heating - at high fan speed	m^3/min	23	27	31.9	41.8
	External static pressure - 50Hz	Factory set / High	Pa	30/120			40/120
Air filter	Type			Resin net			
Sound power level	Cooling	At high fan speed	dBA	61	63	61	66
Sound pressure level	Cooling	At high fan speed	dBA	39	41	39	44
	Heating	At high fan speed	dBA	41	44	44	48
Refrigerant	Type/GWP			R-744 / 1			
Piping connections	Liquid	OD	mm	9.52			
	Gas	OD	mm	12.7			
	Drain			VP20 (I.D. 20/O.D. 26), drain height 625 mm			
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220			
Current - 50Hz	Maximum fuse amps (MFA)		A	16			
Control systems	Infrared remote control			BRC4C65			
	Wired remote control			BRC1H52W7/S7/K7			



VRV IV LOOP BY DAIKIN

- Outdoor units 116
  - Replacement series 116
  - Water-cooled series 120
  - Cold climate series 124
  - Invisible series 126
  - Heat recovery 128
  - Heat pump 130
  - S-series 131
- Indoor units 132
  - VRV indoor units 132
  - Hot water hydroboxes 142

Supporting a circular economy of refrigerants

LOOP BY DAIKIN

Towards a circular economy of refrigerants

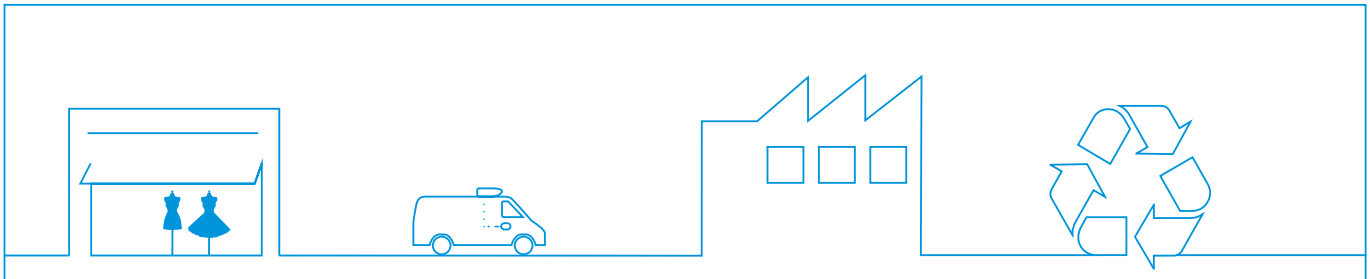
With L∞P by Daikin we want to step away from producing more waste. Instead we will reuse what is already available, in a qualitative way.

- **Saves over 400,000 kg of virgin refrigerant** being produced every year
- Greatly **reduces the CO_2 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.

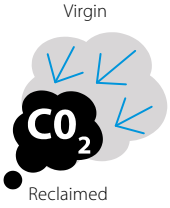
Reclaim

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 CO_2 fooprint for production



Replacement technology

Replace existing systems in the most cost-effective way

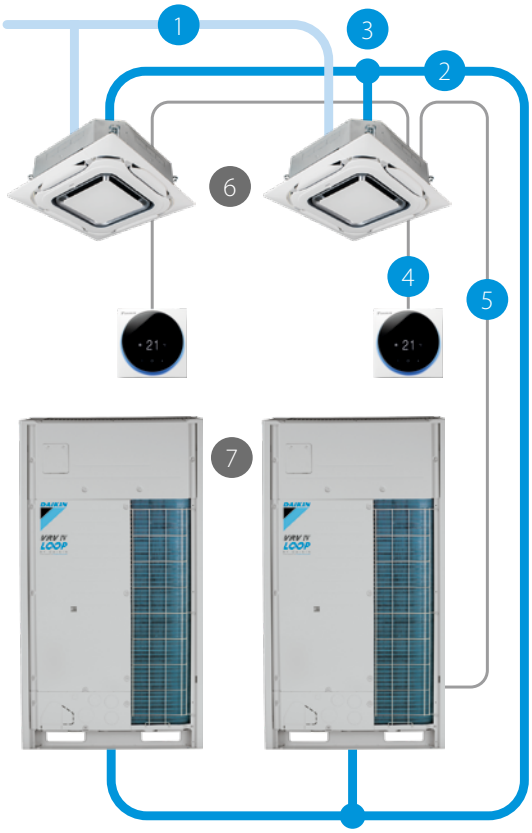
These benefits will convince your customer: Drastically improve efficiency, comfort and reliability

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

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

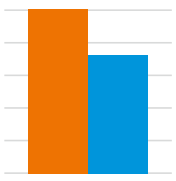


Daikin's solution

1. Reuse drain pipes
2. Reuse refrigerant pipes
3. Reuse refrigerant branch pipes
4. Reuse remote control wiring
5. Reuse indoor-outdoor wiring

Only replace:

6. Indoor units
7. Outdoor units



31 % less energy used



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

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

Watch our online seminar on replacement VRV now!

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

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

Replace non-Daikin systems

NON DAIKIN > DAIKIN

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

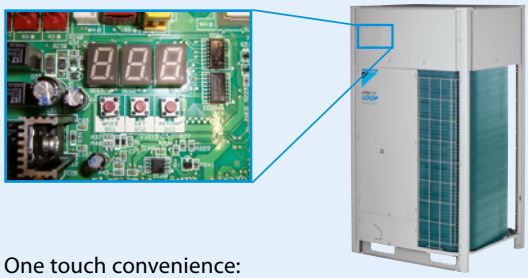
	VRV-Q, keeping indoor units	VRV-Q, replacing indoor units	Completely new installation with VRV 5
Remove outdoor unit	21 %	21 %	21 %
Install new outdoor unit	14 %	14 %	14 %
Clean cooling circuit and leak test	14 %	14 %	14 %
Remove indoor units	–	8 %	8 %
Remove refrigerant pipes and other tasks	–	–	8 %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

Technology insight – Pipe cleaning and automatic refrigerant charging

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

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

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



One touch convenience:
- Measure and charge refrigerant
- Test operation

Replacement VRV, heat recovery

Quick & quality replacement existing systems

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



RQCEQ712-848P3

RQCEQ-P3

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

Outdoor unit module			RQEQ-P3	140P3	180P3	212P3
Dimensions	Unit	HeightxWidthxDepth	mm	1,680x635x765		
Weight	Unit		kg	175		179
Fan	Air flow rate	Cooling Nom.	m^3/min	95	110	
	Type			Propeller fan		
Sound power level	Cooling	Nom.	dBA	79	83	87
	Heating	According to ENER LOT21	dBA	79	84	
Sound pressure level	Cooling	Nom.	dBA	-		
Operation range	Cooling	Min.~Max.	°CDB	-5~43		
	Heating	Min.~Max.	°CWB	-20~15.5		
Refrigerant	Type/GWP			R-410A/2,087.5		
	Charge		kg/TCO2Eq	10.3/21.5	10.6/22.1	11.2/23.4
Power supply	Phase/Frequency/Voltage		Hz/V	3~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)		A	15	20	22.5

Contains fluorinated greenhouse gases

Replacement VRV, heat pump



RXYQQ8-12U

RQYQ-P RXYQQ-U

Outdoor unit				RXYQQ	RQYQ140P	8U	10U	12U	14U	16U	18U	20U
Capacity range				HP	5	8	10	12	14	16	18	20
Cooling capacity	Prated,c			kW	14.0	22.4	28.0	33.5	40.0	45.0	50.4	52.0
Heating capacity	Prated,h			kW	16.0	22.4	28.0	33.5	40.0	45.0	50.4	56.0
	Max.	6°CWB		kW	-	25.0	31.5	37.5	45.0	50.0	56.5	63.0
Recommended combination					4 x FXSQ32A2VEB	BVEB	4 x FXFQ63BVEB	6 x FXFQ50BVEB	1 x FXFQ50BVEB + 5 x FXFQ63BVEB	4 x FXFQ63BVEB + 2 x FXFQ80BVEB	3 x FXFQ50BVEB + 5 x FXFQ63BVEB	2 x FXFQ50BVEB + 6 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		6.0		5.9
SCOP					-	4.3		4.1	4.0		4.2	4.0
Maximum number of connectable indoor units					10	64						
Indoor index connection	Min.				62.5	100.0	125.0	150.0	175.0	200.0	225.0	250.0
	Nom.				125	-						
	Max.				162.5	260.0	325.0	390.0	455.0	520.0	585.0	650.0
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x635x765	1,685x930x765			1,685x1,240x765			
Weight	Unit			kg	175	198			275		308	
Fan	Air flow rate	Cooling	Nom.	m^3/min	95	-						
Sound power level	Cooling	Nom.		dBA	79	78.0	79.1	83.4	80.9	85.6	83.8	87.9
	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	Cooling	Nom.		dBA	-	57.0		61.0	60.0	63.0	62.0	65.0
Operation range	Cooling	Min.~Max.		°CDB	-5~43	-5.0~43.0						
	Heating	Min.~Max.		°CWB	-20~15.5	-20.0~15.5						
Refrigerant	Type/GWP				R-410A/2,087.5							
	Charge			kg/TCO2Eq	11.1/23.2	5.9/12.3	6.0/12.5	6.3/13.2	10.3/21.5	11.3/23.6	11.7/24.4	11.8/24.6
Piping connections	Liquid	OD		mm		9.52			12.7		15.9	
	Gas	OD		mm	15.9	19.1	22.2		28.6			
	Total piping length	System	Actual	m	300	300						
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)			A	15	20	25	32		40		50

Outdoor unit System				RXYQQ	22U	24U	26U	28U	30U	32U	34U	36U	38U	40U	42U
System	Outdoor unit module 1				RXYQQ10U	RXYQQ8U	RXYQQ12U			RXYQQ16U			RXYQQ8U	RXYQQ10U	
	Outdoor unit module 2				RXYQQ12U	RXYQQ16U	RXYQQ14U	RXYQQ16U	RXYQQ18U	RXYQQ16U	RXYQQ18U	RXYQQ20U	RXYQQ10U	RXYQQ12U	RXYQQ16U
	Outdoor unit module 3				-								RXYQQ20U	RXYQQ18U	RXYQQ16U
Capacity range				HP	22	24	26	28	30	32	34	36	38	40	42
Cooling capacity	Prated,c			kW	61.5	67.4	73.5	78.5	83.9	90.0	95.4	97.0	102.4	111.9	118.0
Heating capacity	Prated,h			kW	61.5	67.4	73.5	78.5	83.9	90.0	95.4	101.0	106.4	111.9	118.0
	Max.	6°CWB		kW	69.0	75.0	82.5	87.5	94.0	100.0	106.5	113.0	119.5	125.5	131.5
Recommended combination					6 x FXFQ50BVEB + 4 x FXFQ63BVEB	4 x FXFQ50BVEB + 4 x FXFQ63BVEB + 2 x FXFQ80BVEB	7 x FXFQ50BVEB + 5 x FXFQ63BVEB	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	2 x FXFQ50BVEB + 10 x FXFQ63BVEB + 2 x FXFQ80BVEB	6 x FXFQ50BVEB + 10 x FXFQ63BVEB	9 x FXFQ50BVEB + 9 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		4.1	4.3		4.2
Maximum number of connectable indoor units					64										
Indoor index connection	Min.				275.0	300.0	325.0	350.0	375.0	400.0	425.0	450.0	475.0	500.0	525.0
	Nom.				-										
	Max.				715.0	780.0	845.0	910.0	975.0	1,040.0	1,105.0	1,170.0	1,235.0	1,300.0	1,365.0
Piping connections	Liquid	OD		mm	15.9		19.1								
	Gas	OD		mm	28.6	34.9						41.3			
	Total piping length	System	Actual	m	300										
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415										
Current - 50Hz	Maximum fuse amps (MFA)			A	63				80				100		

(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

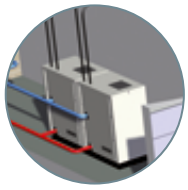
* EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland



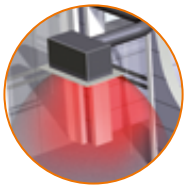
Water-cooled series

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

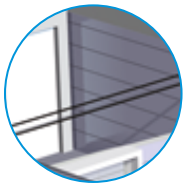
Components:



Outdoor unit



Indoor unit



Refrigerant piping



(Geothermal) water loop

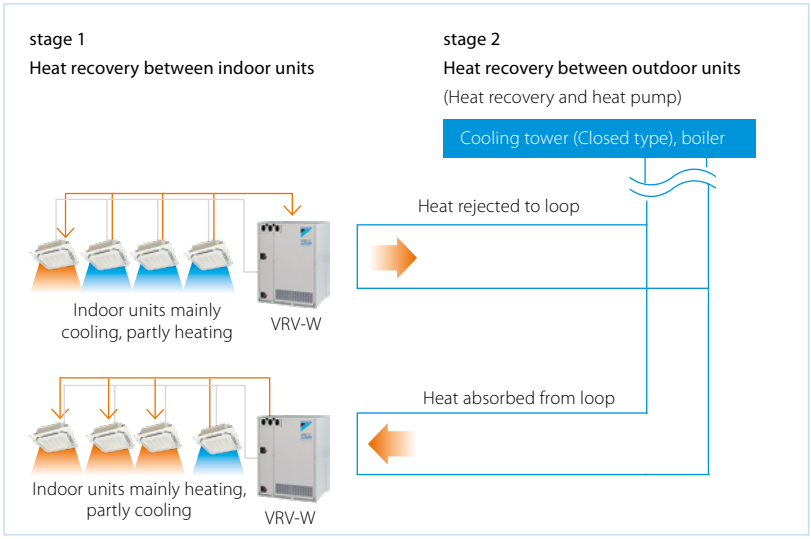


Geothermal application

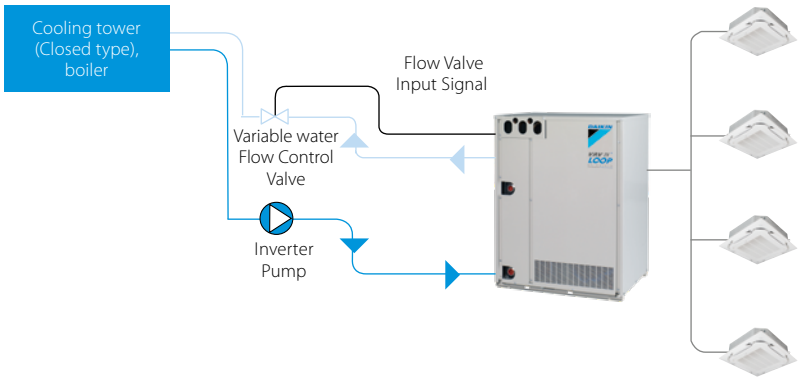
High efficiency

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

2-stage heat recovery



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

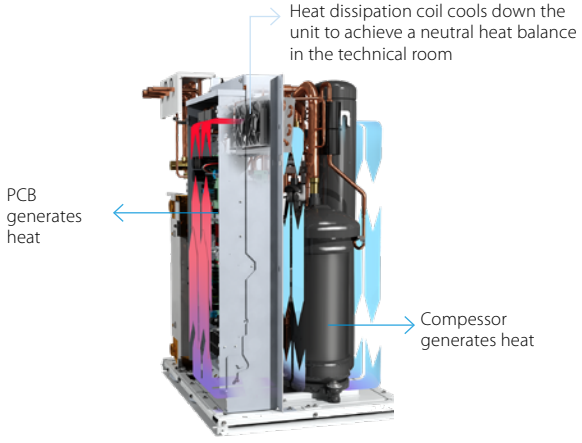


Flexible to design

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

Zero heat dissipation principle

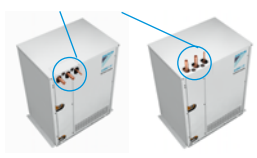
- No need for ventilation or cooling of the technical room
- Enhancing installation flexibility and reliability of parts



Easy to install and service

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

Horizontal or vertical piping connection



Minimal technical room space required



Easy access to components

Easy front plate removal



step 1



step 2

Rotating switchbox



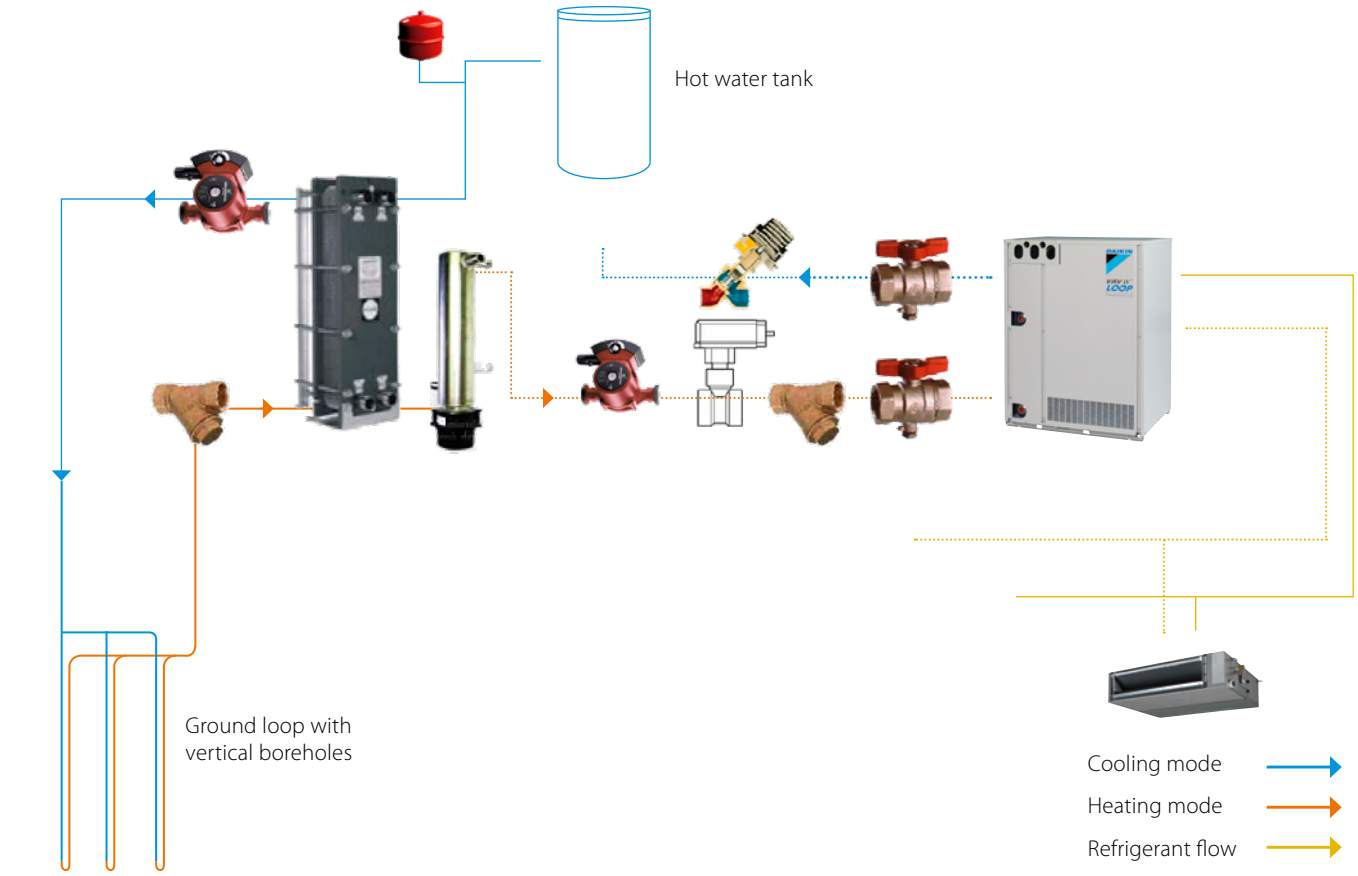
Application example Geothermal operation

Benefits of this setup

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

When to use?

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



Expansion tank

Liquid heater

Strainer

Circulator Pump

Buffer tank

Heat exchanger

Flow valve or flow control valve

Flow switch

Stop valve

Three way valve

For more application examples click here

Variable Refrigerant Temperature

VRV IV W+ series

VRV IV+ water-cooled series

Ideal for high rise buildings, using water as heat source



RWEYQ-T9

LOOP BY DAIKIN

For units made and sold in Europe*

Connectable stylish indoor units

RWEYQ-T9

		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				RWEYQ	8T9	10T9	12T9	14T9
Capacity range				HP	8	10	12	14
Cooling capacity	Prated,c			kW	22.4	28.0	33.5	40.0
Heating capacity	Prated,h			kW	25.0	31.5	37.5	45.0
	Max.	6°CWB		kW	25.0	31.5	37.5	45.0
Recommended combination					4 x FXMQ50P7VEB	4 x FXMQ63P7VEB	6 x FXMQ50P7VEB	1 x FXMQ50P7VEB + 5 x FXMQ63P7VEB
ηs,c				%	326.8	307.8	359.0	330.7
ηs,h				%	524.3	465.9	436.0	397.1
SEER					8.4	7.9	9.2	8.5
SCOP					13.3	11.8	11.1	10.1
Maximum number of connectable indoor units					64(1)			
Indoor index connection	Min.				100.0	125.0	150.0	175.0
	Max.				300.0	375.0	450.0	525.0
Dimensions	Unit	HeightxWidthxDepth		mm	980x767x560			
Weight	Unit			kg	195		197	
Sound power level	Cooling	Nom.		dBA	65.0	71.0	72.0	74.0
Sound pressure level	Cooling	Nom.		dBA	48.0	50.0	56.0	58.0
Operation range	Inlet water temperature	Cooling	Min.~Max.	°CDB	10~45			
		Heating	Min.~Max.	°CWB	10~45			
	Temperature around casing	Min.~Max.		°CDB	0~40			
	Humidity around casing	Cooling~ Heating	Max.	%	80~80			
Refrigerant	Type/GWP				R-410A/2,087.5			
	Charge			kg/TCO2Eq	7.9/16.5		9.6/20.0	
Piping connections	Liquid	OD		mm	9.52		12.7	
	Gas	OD		mm	19.1	22.2	28.6	
	HP/LP gas	OD		mm	15.9/19.1	19.1/22.2	19.1/28.6	22.2/28.6
	Drain	Size			14mm OD/ 10mm ID			
	Water	Inlet/Outlet	Size		ISO 228-G1 1/4 B/ISO 228-G1 1/4 B			
	Total piping length	System	Actual	m	500			
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)			A	20		25	

Outdoor unit system			RWEYQ	16T9	18T9	20T9	22T9	24T9	26T9	28T9	30T9	32T9	34T9	36T9	38T9	40T9	42T9
System	Outdoor unit module 1			RWEYQ8T		RWEYQ10T		RWEYQ12T		RWEYQ14T	RWEYQ10T			RWEYQ12T			RWEYQ14T
	Outdoor unit module 2			RWEYQ8T	RWEYQ10T		RWEYQ12T		RWEYQ14T		RWEYQ10T			RWEYQ12T			RWEYQ14T
	Outdoor unit module 3			-							RWEYQ10T	RWEYQ12T			RWEYQ14T		
Capacity range			HP	16	18	20	22	24	26	28	30	32	34	36	38	40	42
Cooling capacity	Prated,c		kW	44.8	50.4	56.0	61.5	67.0	73.5	80.0	84.0	89.5	95.0	100.5	107.0	113.5	120.0
Heating capacity	Prated,h		kW	50.0	56.5	62.5	69.0	75.0	82.5	90.0	94.5	100.5	106.5	112.5	120.0	127.5	135.0
	Max.	6°CWB	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 combination				4 x FXMQ63 P7VEB + 2 x FXMQ80 P7VEB	4 x FXMQ50 P7VEB + 4 x FXMQ63 P7VEB	8 x FXMQ63 P7VEB	6 x FXMQ50 P7VEB + 4 x FXMQ63 P7VEB	12 x FXMQ50 P7VEB	7 x FXMQ50 P7VEB + 5 x FXMQ63 P7VEB	2 x FXMQ50 P7VEB + 10 x FXMQ63 P7VEB	12 x FXMQ63 P7VEB	6 x FXMQ50 P7VEB + 8 x FXMQ63 P7VEB	12 x FXMQ50 P7VEB + 4 x FXMQ63 P7VEB	18 x FXMQ50 P7VEB	13 x FXMQ50 P7VEB + 5 x FXMQ63 P7VEB	8 x FXMQ50 P7VEB + 10 x FXMQ63 P7VEB	3 x FXMQ50 P7VEB + 15 x FXMQ63 P7VEB
ηs,c			%	307.6	308.7	298.1	311.3	342.6	322.5	306.1	308.3	318.2	342.5	352.3	338.8	341.4	332.9
ηs,h			%	459.2	491.1	466.8	447.9	434.5	406.9	387.9	467.2	456.1	447.0	438.5	419.4	404.4	391.2
SEER				7.9		7.7	8.0	8.8	8.3	7.9	7.9	8.2	8.8	9.0	8.7		8.5
SCOP				11.7	12.5	11.9	11.4	11.1	10.4	9.9	11.9	11.6	11.4	11.2	10.7	10.3	10.0
Maximum number of connectable indoor units				64(1)							64(1)						
Indoor index connection	Min.			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
	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 connections	Liquid	OD	mm	12.7	15.9				19.1		19.1						
	Gas	OD	mm	28.6			34.9				34.9			41.3			
	HP/LP gas	OD	mm	22.2/28.6	28.6/28.6		28.6/34.9				28.6/34.9			28.6/41.3	41.3/34.9		
	Total piping length	System	Actual m	500							500						
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415							3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)		A	32	35	40	50				50	63			80		

(1) Actual number of connectable indoor units depends on the indoor unit type (VRV indoor, Hydrobox, RA indoor, etc.) and the connection ratio restriction for the system (50% <= CR <= 130%) | Cooling capacity: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m | Heating capacity: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m | Contains fluorinated greenhouse gases
* EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland



RXYLQ-T

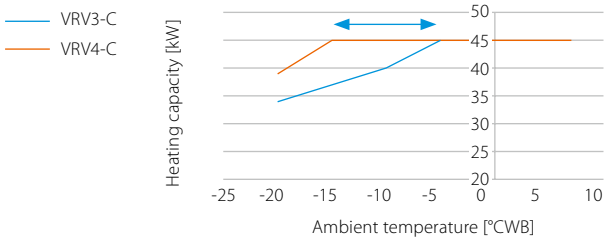
Variable Refrigerant Temperature

Cold climate series

Efficient heating down to -25°C

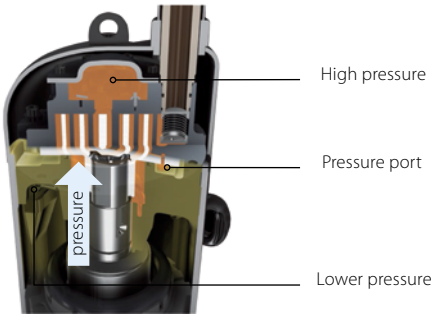
High heating capacity at low ambient temperatures

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



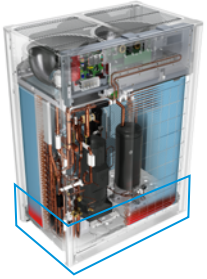
High partial load efficiency

- 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



VRV IV+ heat pump, optimised for heating

Where heating is priority without compromising on efficiency

RXYLQ-T



RXYLQ16-28T

LOOP BY DAIKIN

For units made and sold in Europe*

Connectable stylish indoor units

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

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

Outdoor unit				RXMLQ8T	RXYLQ10T	RXYLQ12T	RXYLQ14T
Capacity range			HP	-	10	12	14
Cooling capacity	Prated,c		kW	-	28.0	33.5	40.0
Heating capacity	Prated,h		kW	-	28.0	33.5	40.0
	Max.	6°CWB	kW	-	31.5	37.5	45.0
Recommended combination				-	4 x FXMQ63P7VEB	6 x FXMQ50P7VEB	1 x FXMQ50P7VEB + 5 x FXMQ63P7VEB
ηs,c			%	-	251.4	274.4	270.1
ηs,h			%	-	144.3	137.6	137.1
SEER				-	6.4	6.9	6.8
SCOP				-	3.7	3.5	
Maximum number of connectable indoor units				-	64(1)		
Indoor index connection	Min.			-	175	210	245
	Nom.			-	250	300	350
	Max.			-	325	390	455
Dimensions	Unit	HeightxWidthxDepth	mm	1,685x1,240x765	1,685x1,240x765		
Weight	Unit		kg	302	302		
Fan	External static pressure	Max.	Pa	78			
Sound power level	Cooling	Nom.	dBA	75.0	77.0	81.0	
Sound pressure level	Cooling	Nom.	dBA	55.0	56.0	59.0	
Operation range	Cooling	Min.~Max.	°CDB	-5~43	-5~43		
	Heating	Min.~Max.	°CWB	-25~16	-25~16		
Refrigerant	Type/GWP			R-410A/2,087.5	R-410A/2,087.5		
	Charge		kg/TCO2Eq	11.8/24.6	11.8/24.6		
Piping connections	Liquid	OD	mm	-	9.52	12.7	
	Gas	OD	mm	-	22.2	28.6	
	Total piping length	System Actual	m	-	500		
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415	3N~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)		A	20	25	32	

Outdoor unit system		RXYLQ	16T	18T	20T	22T	24T	26T	28T	30T	32T	34T	36T	38T	40T	42T
System	Outdoor unit module 1		RXMLQ8T	RXYLQ10T			RXYLQ12T		RXYLQ14T	RXYLQ10T			RXYLQ12T			RXYLQ14T
	Outdoor unit module 2		RXMLQ8T		RXYLQ10T	RXYLQ12T		RXYLQ14T		RXYLQ10T	RXYLQ12T			RXYLQ14T		
	Outdoor unit module 3		-							RXYLQ10T	RXYLQ12T			RXYLQ14T		
Capacity range		HP	16	18	20	22	24	26	28	30	32	34	36	38	40	42
Cooling capacity	Prated,c	kW	44.8	50.4	56.0	61.5	67.0	73.5	80.0	84.0	89.5	95.0	100.5	107.0	113.5	120.0
Heating capacity	Prated,h	kW	44.8	50.4	56.0	61.5	67.0	73.5	80.0	84.0	89.5	95.0	100.5	107.0	113.5	120.0
	Max. 6°CWB	kW	50.0	56.5	63.0	69.0	75.0	82.5	90.0	94.5	100.5	106.5	112.5	120.0	127.5	135.0
Recommended combination			4 x FXMQ63 P7VEB + 2 x FXMQ80 P7VEB	3 x FXMQ50 P7VEB + 5 x FXMQ63 P7VEB	2 x FXMQ50 P7VEB + 6 x FXMQ63 P7VEB	6 x FXMQ50 P7VEB + 4 x FXMQ63 P7VEB	4 x FXMQ50 P7VEB + 4 x FXMQ63 P7VEB + 2 x FXMQ80 P7VEB	7 x FXMQ50 P7VEB + 5 x FXMQ63 P7VEB	6 x FXMQ50 P7VEB + 4 x FXMQ63 P7VEB + 2 x FXMQ80 P7VEB	9 x FXMQ50 P7VEB + 5 x FXMQ63 P7VEB	8 x FXMQ63 P7VEB + 4 x FXMQ80 P7VEB	3 x FXMQ50 P7VEB + 9 x FXMQ63 P7VEB + 2 x FXMQ80 P7VEB	2 x FXMQ50 P7VEB + 10 x FXMQ63 P7VEB + 2 x FXMQ80 P7VEB	6 x FXMQ50 P7VEB + 10 x FXMQ63 P7VEB	9 x FXMQ50 P7VEB + 9 x FXMQ63 P7VEB	12 x FXMQ63 P7VEB + 4 x FXMQ80 P7VEB
ηs,c		%	261.8	255.7	251.4	263.0	274.4	270.8	270.1	251.4	259.1	266.8	274.4	271.6	270.3	270.1
ηs,h		%	138.0	140.5	144.3	140.3	137.6	137.1		144.3	141.6	139.2	137.6	137.1		
SEER			6.6	6.5	6.4	6.6	6.9	6.8		6.4	6.6	6.7	6.9		6.8	
SCOP			3.5	3.6	3.7	3.6	3.5			3.7	3.6		3.5			
Maximum number of connectable indoor units			64(1)							64(1)						
Indoor index connection	Min.		280	315	350	385	420	455	490	525	560	595	630	665	700	735
	Nom.		400	450	500	550	600	650	700	750	800	850	900	950	1,000	1,050
	Max.		520	585	650	715	780	845	910	975	1,040	1,105	1,170	1,235	1,300	1,365
Piping connections	Liquid	OD mm	12.7	15.9				19.1					19.1			
	Gas	OD mm	28.6				34.9			34.9			41.3			
	Total piping length	System Actual m	500							500						
Current - 50Hz	Maximum fuse amps (MFA)	A	40	45	50	60				80				90		

(1) Actual number of connectable indoor units depends on the indoor unit type (VRV indoor, Hydrobox, RA indoor, etc.) and the connection ratio restriction for the system (70% <= CR <= 130%) | Cooling capacity: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m | Heating capacity: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m | Contains fluorinated greenhouse gases
* EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland



SB.RKXYQ-T(8)

Unique concept with 5 patents

Variable Refrigerant Temperature

Invisible series

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

Invisible



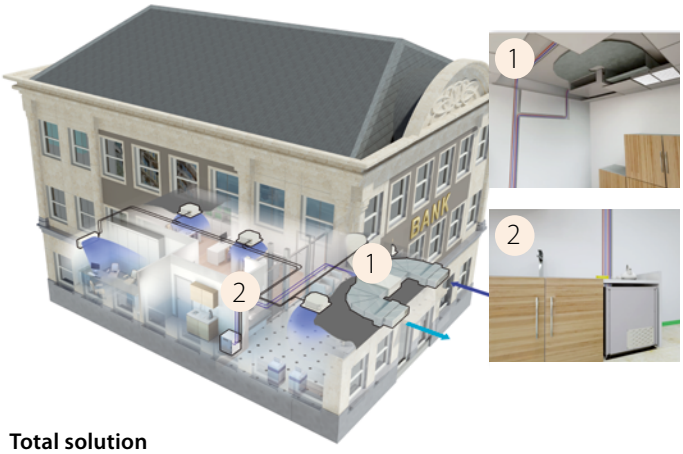


Invisible
- Completely invisible only the grilles are visible
- Seamless integration into surrounding architecture
- Highly suited to densely populated areas thanks to the low operation sound

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

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

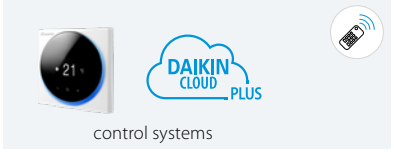
Unique outdoor unit in 2 parts



Total solution



VRV indoor units



control systems



Biddle air curtain and ventilation

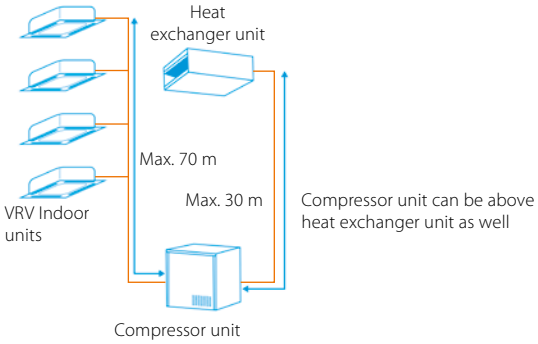
Variable Refrigerant Temperature

VRV IV i-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.RKXYQ5T8

LOOP BY DAIKIN

For units made and sold in Europe*

SB.RKXYQ-T SB.RKXYQ-T8

Outdoor unit system					SB.RKXYQ	5T8	8T
System	Heat exchanger unit					RDXYQ5T8	RDXYQ8T
	Compressor unit					RKXYQ5T8	RKXYQ8T
Capacity range				HP		5	8
Cooling capacity	Prated,c			kW		14.0	22.4
Heating capacity	Prated,h			kW		10.4	12.9
	Max.	6°CWB		kW		16.0	25.0
Recommended combination						4x FXSQ32A2VEB	4x FXMQ50P7VEB
ηs,c				%		200.1	191.1
ηs,h				%		149.3	140.9
SEER						5.1	4.9
SCOP						3.8	3.6
Maximum number of connectable indoor units						10 (1)	17 (1)
Indoor index connection	Min.					62.5	100.0
	Max.					162.5	260.0
Piping connections	Between Compressor module (CM) and heat exchanger module (HM)	Liquid	OD	mm		12.7	
		Gas	OD	mm		19.1	22.2
	Between Compressor module (CM) and indoor units (IU)	Liquid	OD	mm		9.52	
		Gas	OD	mm		15.9	19.1
	Total piping length	System	Actual	m		140	300

					Heat exchanger module - RDXYQ		Compressor module - RKXYQ	
Outdoor unit module					**5T8**	**8T**	**5T8**	**8T**
Dimensions	Unit	HeightxWidthxDepth		mm	397x1,456x1,044		701x600x554	701x760x554
Weight	Unit			kg	95	103	79	105
Sound power level	Cooling	Nom.		dBA	77.0	81.0	60.0	64.0
Sound pressure level	Cooling	Nom.		dBA	47.0	54.0	47.0	48.0
Refrigerant	Type/GWP				R-410A/-		R-410A/2,087.5	
	Charge			kg/TCO2Eq	-/-		2.00/4.20	4.00/8.35
Power supply	Phase/Frequency/Voltage			Hz/V	1N~/50/220-240		3N~/50/380-415	
Current - 50Hz	Maximum fuse amps (MFA)			A	10		16	20

(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% ≤ 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

Variable Refrigerant Temperature

VRV IV+

VRV IV+ heat recovery

Best efficiency & comfort solution

REYQ-U



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

LOOP BY DAIKIN

For units made and sold in Europe*

Outdoor unit					REMQ5U	REYQ8U	REYQ10U	REYQ12U	REYQ14U	REYQ16U	REYQ18U	REYQ20U
Capacity range				HP	-	8	10	12	14	16	18	20
Cooling capacity	Prated,c			kW	-	22.4	28.0	33.5	40.0	45.0	50.4	52.0
Heating capacity	Prated,h			kW	-	22.4	28.0	33.5	40.0	45.0	50.4	56.0
	Max.	6°CWB		kW	-	25.0	31.5	37.5	45.0	50.0	56.5	63.0
Recommended combination					-	4 x FXFQ50BVEB	4 x FXFQ63BVEB	6 x FXFQ50BVEB	1 x FXFQ50BVEB + 5 x FXFQ63BVEB	4 x FXFQ63BVEB + 2 x FXFQ80BVEB	3 x FXFQ50BVEB + 5 x FXFQ63BVEB	2 x FXFQ50BVEB + 6 x FXFQ63BVEB
ηs,c				%	-	286.1	264.8	257.0	255.8	243.1	250.6	246.7
ηs,h				%	-	165.1	169.7	183.8	168.3	167.5	172.5	162.7
SEER					-	7.2	6.7	6.5		6.2	6.3	6.2
SCOP					-	4.2	4.3	4.7	4.3		4.4	4.1
Maximum number of connectable indoor units					-	64(1)						
Indoor index connection	Min.				-	100.0	125.0	150.0	175.0	200.0	225.0	250.0
	Max.				-	260.0	325.0	390.0	455.0	520.0	585.0	650.0
Dimensions	Unit	HeightxWidthxDepth		mm	1,685x930x765	1,685x930x765			1,685x1,240x765			
Weight	Unit			kg	230	230			314		317	
Fan	External static pressure	Max.		Pa	78							
Sound power level	Cooling	Nom.		dBA	78.0	78.0	79.1	83.4	80.9	85.6	83.8	87.9
	Heating	Prated,h		dBA	57.0	79.6	80.9	83.5	83.9	86.9	85.3	89.8
Sound pressure level	Cooling	Nom.		dBA	-	57.0		61.0	60.0	63.0	62.0	65.0
Operation range	Cooling	Min.~Max.		°CDB	-5.0~43.0	-5.0~43.0						
	Heating	Min.~Max.		°CWB	-20.0~15.5	-20.0~15.5						
Refrigerant	Type/GWP				R-410A/2,087.5	R-410A/2,087.5						
	Charge			kg/TCO2Eq	9.7/20.2	9.7/20.2	9.8/20.5	9.9/20.7	11.8/24.6			
Piping connections	Liquid	OD		mm	-	9.52			12.7		15.9	
	Gas	OD		mm	-	19.1	22.2		28.6			
	HP/LP gas	OD		mm	-	15.9	19.1		22.2			28.6
	Total piping length	System	Actual	m	-	1,000						
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)			A	20	20	25	32		40		50

Outdoor unit System	REYQ	10U	13U	16U	18U	20U	22U	24U	26U	28U	30U	32U
System	Outdoor unit module 1	REMQ5U		REYQ8U		REYQ10U	REYQ8U		REYQ12U			REYQ16U
	Outdoor unit module 2	REMQ5U	REYQ8U		REYQ10U	REYQ12U		REYQ16U	REYQ14U	REYQ16U	REYQ18U	REYQ16U
Capacity range	HP	10	13	16	18	20	22	24	26	28	30	32
Cooling capacity	Prated,c kW	28.0	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5	83.9	90.0
Heating capacity	Prated,h kW	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 combination		4 x FXFQ63BVEB	3 x FXFQ50BVEB + 3 x FXFQ63BVEB	4 x FXFQ63BVEB + 2 x FXFQ80BVEB	4 x FXFQ50BVEB + 4 x FXFQ63BVEB	10 x FXFQ50BVEB	6 x FXFQ50BVEB + 4 x FXFQ63BVEB	4 x FXFQ50BVEB + 4 x FXFQ63BVEB + 2 x FXFQ80BVEB	7 x FXFQ50BVEB + 5 x FXFQ63BVEB	6 x FXFQ50BVEB + 4 x FXFQ63BVEB + 2 x FXFQ80BVEB	9 x FXFQ50BVEB + 5 x FXFQ63BVEB	8 x FXFQ63BVEB + 4 x FXFQ80BVEB
ηs,c	%	275.1	301.3	288.6	272.9	266.0	260.4	257.7	257.5	251.9	266.8	243.1
ηs,h	%	158.8	160.6	168.2	167.9	175.7	178.5	167.6	175.5	174.8	179.4	169.1
SEER		7.0	7.6	7.3	6.9	6.7	6.6	6.5		6.4	6.7	6.2
SCOP		4.0	4.1	4.3		4.5		4.3	4.5	4.4	4.6	4.3
Maximum number of connectable indoor units		64 (1)										
Indoor index connection	Min.	125.0	163.0	200.0	225.0	250.0	275.0	300.0	325.0	350.0	375.0	400.0
	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				19.1			
	Gas OD mm	22.2		28.6				34.9				
	HP/LP gas OD mm	19.1		22.2		28.6						
	Total piping length System Actual m	500				1,000						
Power supply	Phase/Frequency/Voltage Hz/V	3N~/50/380-415										
Current - 50Hz	Maximum fuse amps (MFA) A	40		50		63				80		

Outdoor unit System	REYQ	34U	36U	38U	40U	42U	44U	46U	48U	50U	52U	54U
System	Outdoor unit module 1	REYQ16U		REYQ8U	REYQ10U		REYQ12U	REYQ14U		REYQ16U		REYQ18U
	Outdoor unit module 2	REYQ18U	REYQ20U	REYQ12U			REYQ16U				REYQ18U	
	Outdoor unit module 3	-		REYQ18U		REYQ16U				REYQ18U		
Capacity range	HP	34	36	38	40	42	44	46	48	50	52	54
Cooling capacity	Prated,c kW	95.4	97.0	106.3	111.9	118.0	123.5	130.0	135.0	140.4	145.8	151.2
Heating capacity	Prated,h kW	95.4	101.0	106.4	111.9	118.0	123.5	130.0	135.0	140.4	145.8	151.2
	Max. 6°CWB kW	106.5	113.0	119.0	125.5	131.5	137.5	145.0	150.0	156.5	163.0	169.5
Recommended combination		3 x FXFQ50BVEB + 9 x FXFQ63BVEB + 2 x FXFQ80BVEB	2 x FXFQ50BVEB + 10 x FXFQ63BVEB + 2 x FXFQ80BVEB	6 x FXFQ50BVEB + 10 x FXFQ63BVEB	9 x FXFQ50BVEB + 9 x FXFQ63BVEB	12 x FXFQ63BVEB + 4 x FXFQ80BVEB	6 x FXFQ50BVEB + 8 x FXFQ63BVEB + 4 x FXFQ80BVEB	1 x FXFQ50BVEB + 13 x FXFQ63BVEB + 4 x FXFQ80BVEB	12 x FXFQ63BVEB + 6 x FXFQ80BVEB	3 x FXFQ50BVEB + 13 x FXFQ63BVEB + 4 x FXFQ80BVEB	6 x FXFQ50BVEB + 14 x FXFQ63BVEB + 2 x FXFQ80BVEB	9 x FXFQ50BVEB + 15 x FXFQ63BVEB
ηs,c	%	259.2	255.3	269.2	259.6	250.2	249.3	246.8	243.1	254.4	265.7	275.2
ηs,h	%	172.0	166.3	176.0	176.1	167.8	171.9	168.8	168.5	170.3	171.7	173.3
SEER		6.6	6.5	6.8	6.6	6.3		6.2		6.4	6.7	7.0
SCOP		4.4	4.2	4.5		4.3	4.4	4.3			4.4	
Maximum number of connectable indoor units		64(1)										
Indoor index connection	Min.	425.0	450.0	475.0	500.0	525.0	550.0	575.0	600.0	625.0	650.0	675.0
	Max.	1,105.0	1,170.0	1,235.0	1,300.0	1,365.0	1,430.0	1,495.0	1,560.0	1,625.0	1,690.0	1,755.0
Piping connections	Liquid OD mm	19.1										
	Gas OD mm	34.9	41.3									
	HP/LP gas OD mm	28.6	34.9									
	Total piping length System Actual m	1,000										
Power supply	Phase/Frequency/Voltage Hz/V	3N~/50/380-415										
Current - 50Hz	Maximum fuse amps (MFA) A	80		100					125			

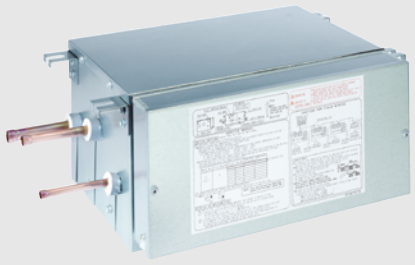
(1) Actual number of connectable indoor units depends on the indoor unit type and the connection ratio restriction for the system (50% ≤ CR ≤ 120%) | Cooling capacity: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m | Heating capacity: indoor temp. 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

BS1Q-A

Individual branch selector for VRV IV heat recovery

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



BS1Q-A

BS1Q-A

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

Indoor Unit				BS1Q	1Q10A	1Q16A	1Q25A
Power input	Cooling	Nom.		kW	0.005		
	Heating	Nom.		kW	0.005		
Maximum number of connectable indoor units					6	8	
Maximum capacity index of connectable indoor units					15<x≤100	100<x≤160	160<x≤250
Dimensions	Unit	HeightxWidthxDepth		mm	207x388x326		
Weight	Unit			kg	12		15
Casing	Material				Galvanised steel plate		
Piping connections	Outdoor unit	Liquid	OD	mm	9.52		
		Gas	OD	mm	15.9		22.2
		Discharge gas	OD	mm	12.7		19.1
	Indoor unit	Liquid	OD	mm	9.52		
		Gas	OD	mm	15.9		22.2
Sound absorbing thermal insulation					Foamed polyurethane Flame-resistant needle felt		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240		
	Maximum fuse amps (MFA)			A	15		

Contains fluorinated greenhouse gases

BS-Q14AV1B

Multi branch selector for VRV IV heat recovery

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



BS10Q14AV1B

BS-Q14AV1B

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

Indoor Unit				BS	4Q14AV1B	6Q14AV1B	8Q14AV1B	10Q14AV1B	12Q14AV1B	16Q14AV1B
Maximum number of connectable indoor units					20	30	40	50	60	64
Maximum capacity index of connectable indoor units					400	600	750			
Dimensions	Unit	HeightxWidthxDepth		mm	298x370x430	298x580x430		298x820x430		298x1,060x430
Weight	Unit			kg	17.0	24.0	26.0	35.0	38.0	50.0
Casing	Material				Galvanised steel plate					
Piping connections	Outdoor unit	Liquid	OD	mm	9.52	12.7	12.7/15.9	15.9	15.9/19.1	19.1
		Gas	OD	mm	22.2/19.1	28.6/22.2	28.6	28.6/34.9		34.9
		Discharge gas	OD	mm	19.1/15.9	19.1/22.2	19.1/22.2/28.6	28.6		
	Indoor unit	Liquid	OD	mm	6.35/9.52					
		Gas	OD	mm	12.7/15.9					
Sound absorbing thermal insulation					Urethane foam, polyethylene foam					
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240					
	Maximum fuse amps (MFA)			A	15					

Contains fluorinated greenhouse gases

Variable Refrigerant Temperature

VRV IV+

VRV IV+ heat pump

Daikin's optimum solution with top comfort

RYYQ-U RXYQ-U



RYYQ8-12U

LOOP BY DAIKIN

For units made and sold in Europe*

					RYMQ							RYYQ/RXYQ						
Outdoor unit					**8U***	**10U***	**12U***	**14U***	**16U***	**18U***	**20U***	**8U***	**10U***	**12U***	**14U***	**16U***	**18U***	**20U***
Capacity range				HP	-							8	10	12	14	16	18	20
Cooling capacity	Prated,c			kW	-							22.4	28.0	33.5	40.0	45.0	50.4	52.0
Heating capacity	Prated,h			kW	-							22.4	28.0	33.5	40.0	45.0	50.4	56.0
	Max.	6°CWB		kW	-							25.0	31.5	37.5	45.0	50.0	56.5	63.0
Recommended combination					-							4 x FXFQ50BVEB	4 x FXFQ63BVEB	6 x FXFQ50BVEB	1 x FXFQ50BVEB + 5 x FXFQ63BVEB	4 x FXFQ63BVEB + 2 x FXFQ80BVEB	3 x FXFQ50BVEB + 5 x FXFQ63BVEB	2 x FXFQ50BVEB + 6 x FXFQ63BVEB
ηs,c				%	-							302.4	267.6	247.8	250.7	236.5	238.3	233.7
ηs,h				%	-							167.9	168.2	161.4	155.4	157.8	163.1	156.6
SEER					-							7.6	6.8	6.3		6.0		5.9
SCOP					-							4.3		4.1	4.0		4.2	4.0
Maximum number of connectable indoor units					-							64(1)						
Indoor index	Min.				-							100.0	125.0	150.0	175.0	200.0	225.0	250.0
connection	Max.				-							260.0	325.0	390.0	455.0	520.0	585.0	650.0
Dimensions	Unit	HeightxWidthxDepth		mm	1,685x930x765			1,685x1,240x765				1,685x930x765			1,685x1,240x765			
Weight	Unit			kg	RYMQ-U: 198/ RYMQ-U5: 204			RYMQ-U: 275/ RYMQ-U5: 283		RYMQ-U: 308/ RYMQ-U5: 320		RXYQ-U: 198 RXYQ-U5/UD: 201 RYYQ: 252			RXYQ-U: 275 RXYQ-U5/UD: 281 RYYQ: 319		RXYQ-U: 308 RXYQ-U5/UD: 314 RYYQ: 378	
Fan	External static pressure	Max.		Pa	78							-						
Sound power level	Cooling	Nom.		dBA	78.0	79.1	83.4	80.9	85.6	83.8	87.9	78.0	79.1	83.4	80.9	85.6	83.8	87.9
	Heating	Prated,h		dBA	-							79.6	80.9	83.5	83.1	86.5	85.3	89.8
Sound pressure level	Cooling	Nom.		dBA	57.0	57.0	61.0	60.0	63.0	62.0	65.0	57.0		61.0	60.0	63.0	62.0	65.0
Operation range	Cooling	Min.~Max.		°CDB	-5.0~43.0							-5.0~43.0						
	Heating	Min.~Max.		°CWB	-20.0~15.5							-20.0~15.5						
Refrigerant	Type/GWP				R-410A/2,087.5							R-410A/2,087.5						
	Charge			kg/TCO2Eq	5.9/12.3	6.0/12.5	6.3/13.2	10.3/21.5	11.3/23.6	11.7/24.4	11.8/24.6	5.9/12.3	6.0/12.5	6.3/13.2	10.3/21.5	RXYQ: 11.3/23.6 RYYQ: 10.4/21.7	11.7/24.4	11.8/24.6
Piping connections	Liquid	OD		mm	9.52		12.7			15.9		9.52		12.7			15.9	
	Gas	OD		mm	19.1	22.2	28.6					19.1	22.2	28.6				
	Equalising pipe	OD		mm	19.1	22.2				28.6		-						
	Total piping length	System	Actual	m	-							1,000						
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415							3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)			A	20	25	32	32	40	40	50	20	25	32		40		50

Outdoor unit system		**RYYQ/RXYQ**	**22U***	**24U***	**26U***	**28U***	**30U***	**32U***	**34U***	**36U***	**38U***
System	Outdoor unit module 1		10	8	12			16			8
	Outdoor unit module 2		12	16	14	16	18	16	18	20	10
	Outdoor unit module 3		-								20
Capacity range		HP	22	24	26	28	30	32	34	36	38
Cooling capacity	Prated,c	kW	61.5	67.4	73.5	78.5	83.9	90.0	95.4	97.0	102.4
Heating capacity	Prated,h	kW	61.5	67.4	73.5	78.5	83.9	90.0	95.4	101.0	106.4
	Max. 6°CWB	kW	69.0	75.0	82.5	87.5	94.0	100.0	106.5	113.0	119.5
Recommended combination			6 x FXFQ50BVEB + 4 x FXFQ63BVEB	4 x FXFQ50BVEB + 4 x FXFQ63BVEB + 2 x FXFQ80BVEB	7 x FXFQ50BVEB + 5 x FXFQ63BVEB	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	2 x FXFQ50BVEB + 10 x FXFQ63BVEB + 2 x FXFQ80BVEB	6 x FXFQ50BVEB + 10 x FXFQ63BVEB
ηs,c		%	274.5	269.9	264.2	257.8	256.8	251.7	253.3	250.8	272.4
ηs,h		%	171.2	167.0	164.6	166.0	169.8	163.1	166.2	162.4	167.5
SEER			6.9	6.8	6.7	6.5		6.4		6.3	6.9
SCOP			4.4	4.3	4.2		4.3	4.2		4.1	4.3
Maximum number of connectable indoor units			64(1)								
Indoor index	Min.		275.0	300.0	325.0	350.0	375.0	400.0	425.0	450.0	475.0
connection	Max.		715.0	780.0	845.0	910.0	975.0	1,040.0	1,105.0	1,170.0	1,235.0
Piping connections	Liquid OD	mm	15.9		19.1						
	Gas OD	mm	28.6	34.9						41.3	
	Total piping length System Actual	m	1,000								
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415								
Current - 50Hz	Maximum fuse amps (MFA)	A	63				80				100

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

(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: 0mContains fluorinated greenhouse gases

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

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

RXYSCQ-TV1

VRV IV+ S-series compact heat pump

The most compact VRV

Only 823mm high!



RXYSCQ-TV1

RXYSCQ-TV1

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 combination					3 x FXSQ25A2VEB + 1 x FXSQ32A2VEB	4 x FXSQ32A2VEB	2 x FXSQ32A2VEB + 2 x FXSQ40A2VEB
ηs,c				%	322.8	303.4	281.3
ηs,h				%	182.3	185.1	186.0
SEER					8.1	7.7	7.1
SCOP					4.6	4.7	
Maximum number of connectable indoor units					64(1)		
Indoor index connection	Min.				50.0	62.5	70.0
	Max.				130.0	162.5	182.0
Dimensions	Unit	HeightxWidthxDepth		mm	823x940x460		
Weight	Unit			kg	89		
Sound power level	Cooling	Nom.		dBA	68.0	69.0	70.0
	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/GWP				R-410A/2,087.5		
	Charge			kg/TCO2Eq	3.7/7.7		
Piping connections	Liquid	OD		mm	9.52		
	Gas	OD		mm	15.9		19.1
	Total piping length	System	Actual	m	300		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240		
Current - 50Hz	Maximum fuse amps (MFA)			A	32		

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

VRV IV S-series

RXYSQ-TV9 / TY9 / TY1

VRV IV+ S-series heat pump

Space saving solution without compromising on efficiency

LOOP BY DAIKIN

For units made and sold in Europe*



RXYSQ4-6TV9_TY9

RXYSQ-TV9

RXYSQ-TY9

RXYSQ-TY1

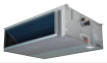
Outdoor unit				RXYSQ	4TV9	5TV9	6TV9	4TY9	5TY9	6TY9	8TY1	10TY1	12TY1
Capacity range				HP	4	5	6	4	5	6	8	10	12
Cooling capacity	Prated,c			kW	12.1	14.0	15.5	12.1	14.0	15.5	22.4	28.0	33.5
Heating capacity	Prated,h			kW	12.1	14.0	15.5	12.1	14.0	15.5	22.4	28.0	33.5
	Max.	6°CWB		kW	14.2	16.0	18.0	14.2	16.0	18.0	25.0	31.5	37.5
Recommended combination					3 x FXSQ25A2VEB + 1 x FXSQ32A2VEB	4 x FXSQ32A2VEB	2 x FXSA32A2VEB + 2 x FXSA40A2VEB	3 x FXSQ25A2VEB + 1 x FXSQ32A2VEB	4 x FXSQ32A2VEB	2 x FXSQ32A2VEB + 2 x FXSQ40A2VEB	4 x FXMQ50P7VEB	4 x FXMQ63P7VEB	6 x FXMQ50P7VEB
ηs,c				%	278.9	270.1	278.0	269.2	260.5	268.3	247.3	247.4	256.5
ηs,h				%	171.6	182.9	192.8	154.4	164.5	174.1	165.8	162.4	169.6
SEER					7.0	6.8	7.0	6.8	6.6	6.8	6.3		6.5
SCOP					4.4	4.6	4.9	3.9	4.2	4.4	4.2	4.1	4.3
Maximum number of connectable indoor units					64(1)								
Indoor index connection	Min.				50.0	62.5	70.0	50.0	62.5	70.0	100.0	125.0	150.0
	Max.				130.0	162.5	182.0	130.0	162.5	182.0	260.0	325.0	390.0
Dimensions	Unit	HeightxWidthxDepth		mm	1,345x900x320						1,430x940x320	1,615x940x460	
Weight	Unit			kg	104						144	175	180
Sound power level	Cooling	Nom.		dBA	68.0	69.0	70.0	68.0	69.0	70.0	73.0	74.0	76.0
	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	Cooling	Nom.		dBA	50.0	51.0		50.0	51.0		55.0		57.0
Operation range	Cooling	Min.~Max.		°CDB	-5.0~46.0						-5.0~52.0		
	Heating	Min.~Max.		°CWB	-20.0~15.5								
Refrigerant	Type/GWP				R-410A/2,087.5								
	Charge			kg/TCO2Eq	3.6/7.5						5.5/11.5	7.0/14.6	8.0/16.7
Piping connections	Liquid	OD		mm	9.52								12.7
	Gas	OD		mm	15.9	19.1		15.9	19.1		22.2		25.4
	Total piping length	System	Actual	m	300								
Power supply	Phase/Frequency/Voltage			Hz/V	1N~/50/220-240			3N~/50/380-415					
Current - 50Hz	Maximum fuse amps (MFA)			A	32			16			25		32

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

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

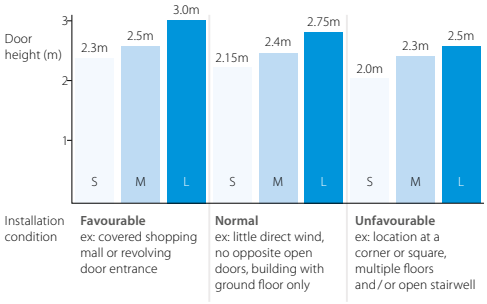
Products overview VRV IV

Capacity class (kW)

Type	Model		Product name		15	20	25	32	40	50	63	71	80	100	125	140	200	250
Ceiling mounted cassette	UNIQUE Round flow cassette	360° air discharge for optimum efficiency and comfort ▪ Auto cleaning function ensures high efficiency ▪ Intelligent sensors save energy and maximise comfort ▪ Flexibility to suit every room layout ▪ Lowest installation height in the market! ▪ Widest choice ever in decoration panel designs and colors	FXFQ-B			•	•	•	•	•	•		•	•	•			UV Streamer kit
	UNIQUE Fully flat cassette	Unique design that integrates fully flat into the ceiling ▪ Perfect integration in standard architectural ceiling tiles ▪ Blend of iconic design and engineering excellence ▪ Intelligent sensors save energy and maximise comfort ▪ Small capacity unit developed for small or well-insulated rooms ▪ Flexibility to suit every room layout	FXZQ-A		•	•	•	•	•	•								
	2-way blow ceiling mounted cassette	Thin, lightweight design installs easily in narrow ceiling spaces ▪ Depth of all units is 620mm, ideal for narrow ceiling spaces ▪ Flexibility to suit every room layout ▪ Reduced energy consumption thanks to DC fan motor ▪ The flaps close entirely when the unit is not operating ▪ Optimum comfort with automatic air flow adjustment to the required load	FXCQ-A			•	•	•	•	•	•		•		•			
	NEW 1-way blow cassette	1-way blow unit for corner installation ▪ Compact dimensions enable installation in narrow ceiling voids ▪ Flexible installation thanks to different air discharge options ▪ New modern decoration panel	FXKQ-A			NEW •	•	•	•	NEW •								Available summer '24
Concealed ceiling	Slim concealed ceiling unit	Slim design for flexible installation ▪ Compact dimensions enable installation in narrow ceiling voids ▪ Medium external static pressure up to 44Pa ▪ Only grilles are visible ▪ Small capacity unit developted for small of well-insulated rooms ▪ Reduced energy consumption thanks to DC fan motor	FXDQ-A3		•	•	•	•	•	•	•			Auto cleaning filter option				Multi zoning option
	Concealed ceiling unit with medium ESP	Slimmest yet most powerfull medium static pressure unit on the market! ▪ Slimmest unit in class, only 245mm ▪ Low operating sound level ▪ Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths ▪ Automatic air flow adjustment function measures the air volume and static pressure and adjusts it towards the nominal air flow, guaranteeing comfort	FXSQ-A		•	•	•	•	•	•	•		•	•	•	•		Multi zoning option
	Concealed ceiling unit with high ESP	ESP up to 200, ideal for large sized spaces ▪ Optimum comfort guaranteed no matter the length of ductwork or type of grilles, thanks to automatic air flow adjustment ▪ Reduced energy consumption thanks to DC fan motor ▪ Flexible installation as the air suction direction can be altered from rear to bottom suction	FXMQ-P7							•	•		•	•	•			
	Concealed ceiling unit with high ESP	ESP up to 250, ideal for extra large sized spaces ▪ Only grilles are visible ▪ Large capacity unit: up to 31.5 kW heating capacity	FXMQ-A														•	•
Wall mounted	Wall mounted unit	For rooms with no false ceilings nor free floor space ▪ Flat, stylish front panel is more easy to clean ▪ Small capacity unit developted for small of well-insulated rooms ▪ Reduced energy consumption thanks to DC fan motor ▪ The air is comfortably spread up- and downwards thanks to 5 different discharge angles	FXAQ-A		•	•	•	•	•	•	•							
Ceiling suspended	Ceiling suspended unit	For wide rooms with no false ceilings nor free floor space ▪ Ideal for comfortable air flow in wide rooms thanks to Coanda effect ▪ Rooms with ceilings up to 3.8m can be heated or cooled very easily! ▪ Can easily be installed in both new and refurbishment projects ▪ Can even be mounted in corners or narrow spaces without any problem ▪ Reduced energy consumption thanks to DC fan motor	FXHQ-A					•			•				•			
	UNIQUE 4-way blow ceiling suspended unit	Unique Daikin unit for high rooms with no false ceilings nor free floor space ▪ Rooms with ceilings up to 3.5m can be heated up or cooled down very easily! ▪ Can easily be installed in both new and refurbishment projects ▪ 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			•	•	•	•	•	•							
	Concealed floor standing unit	Ideal for installation in offices, hotels and residential applications ▪ Discretely concealed in the wall, leaving only the suction and discharge grilles visible ▪ Can even be installed underneath a window ▪ Requires very little installation space as the depth is only 200mm ▪ High ESP allows flexible installation	FXNQ-A			•	•	•	•	•	•							
Cooling capacity (kW)1					1.7	2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0	11.2	14.0	16.0	22.4	28.0
Heating capacity (kW)2					1.9	2.5	3.2	4.0	5.0	6.3	8.0	9.0	10.0	12.5	16.0	18.0	25.0	31.5

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

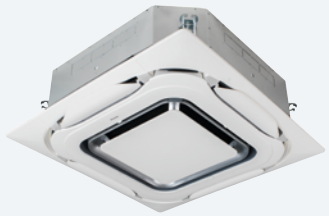
Type	Model		Product name	
Biddle air curtain	NEW Free-hanging	**Easy wall mounted installation** ▪ Connectable to ERQ and VRV units ▪ Unified range for R-32 and R-410A refrigerant ▪ Payback period of less then 1.5 years compared to installing an electric air curtain	CYA-DK-F	
	NEW Cassette	**Mounted into a false ceiling leaving only the decoration panel visible** ▪ Connectable to ERQ and VRV units ▪ Unified range for R-32 and R-410A refrigerant ▪ Payback period of less then 1.5 years compared to installing an electric air curtain	CYA-DK-C	
	NEW Recessed	**Neatly concealed in the ceiling** ▪ Connectable to ERQ and VRV units ▪ Unified range for R-32 and R-410A refrigerant ▪ Payback period of less then 1.5 years compared to installing an electric air curtain	CYA-DK-R	



FXFQ-B

Round flow cassette

360° air discharge for optimum efficiency and comfort



FXFQ-B

FXFQ-B

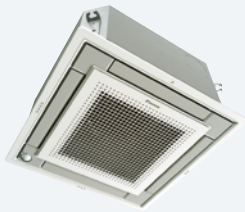
Indoor Unit				FXFQ	20B	25B	32B	40B	50B	63B	80B	100B	125B
Cooling capacity	Total capacity	At high fan speed		kW	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00
Heating capacity	Total capacity	At high fan speed		kW	2.50	3.20	4.00	5.00	6.30	8.00	10.00	12.50	16.00
Power input - 50Hz	Cooling	At high fan speed		kW		0.017		0.018	0.023	0.028	0.045	0.071	0.103
	Heating	At high fan speed		kW		0.017		0.018	0.023	0.028	0.045	0.071	0.103
Dimensions	Unit	HeightxWidthxDepth		mm		204x840x840					246x840x840		288x840x840
Weight	Unit			kg		18		19	21		24		26
Casing	Material							Galvanised steel plate					
Decoration panel	Model							Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels: BYCQ140EGF - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black					
	Dimensions	HeightxWidthxDepth		mm				Standard panels: 65x950x950 / Auto cleaning panels: 148x950x950 / Designer panels: 106x950x950					
	Weight			kg				Standard panels: 5.5 / Auto cleaning panels: 10.3 / Designer panels: 6.5					
Fan	Air flow	Cooling	At high / medium / low fan speed	m^3/min		12.8/10.7/8.9		14.8/12.6/10.4	15.1/12.9/10.7	16.6/13.4/10.7	23.3/19.2/13.5	27.8/20.4/13.0	31.6/26.0/19.8
	rate - 50Hz	Heating	At high / medium / low fan speed	m^3/min		12.8/10.7/8.9		14.8/12.6/10.4	15.1/12.9/10.7	16.6/13.4/10.7	22.5/18.5/13.0	27.8/20.4/13.0	30.3/24.9/18.9
Air filter	Type							Resin net					
Sound power level	Cooling	At high fan speed		dBA		49.0		51.0		53.0	55.0	60.0	61.0
Sound pressure	Cooling	At high / medium / low fan speed		dBA		31.0/29.0/28.0		33.0/31.0/29.0		35.0/33.0/30.0	38.0/34.0/30.0	43.0/37.0/30.0	45.0/41.0/36.0
level	Heating	At high / medium / low fan speed		dBA		31.0/29.0/28.0		33.0/31.0/29.0		35.0/33.0/30.0	38.0/34.0/30.0	43.0/37.0/30.0	45.0/41.0/36.0
Refrigerant	Type/GWP							R-410A/2,087.5					
Piping connections	Liquid	OD		mm		6.35				9.52			
	Gas	OD		mm		12.7				15.9			
	Drain							VP25 (O.D. 32 / I.D. 25)					
Power supply	Phase/Frequency/Voltage			Hz/V				1~/50/60/220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)			A				16					
Control systems	Infrared remote control							BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB					
	Wired remote control							BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52					

Contains fluorinated greenhouse gases

FXZQ-A

Fully flat cassette

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



FXZQ-A

FXZQ-A

Indoor Unit				FXZQ	15A	20A	25A	32A	40A	50A
Cooling capacity	Total capacity	At high fan speed		kW	1.70	2.20	2.80	3.60	4.50	5.60
Heating capacity	Total capacity	At high fan speed		kW	1.90	2.50	3.20	4.00	5.00	6.30
Power input - 50Hz	Cooling	At high fan speed		kW	0.018		0.020	0.019	0.029	0.048
	Heating	At high fan speed		kW	0.018		0.020	0.019	0.029	0.048
Dimensions	Unit	HeightxWidthxDepth		mm			260x575x575			
Weight	Unit			kg		15.5		16.5		18.5
Casing	Material						Galvanised steel plate			
Decoration panel	Model / Colour						BYFQ60C2W1W / White (N9.5)			
	Dimensions	HeightxWidthxDepth		mm			46x620x620			
	Weight			kg			2.8			
Decoration panel 2	Model / Colour						BYFQ60C2W1S / Silver			
	Dimensions	HeightxWidthxDepth		mm			46x620x620			
	Weight			kg			2.8			
Decoration panel 3	Model / Colour						BYFQ60B2W1 / White (RAL9010)			
	Dimensions	HeightxWidthxDepth		mm			55x700x700			
	Weight			kg			2.7			
Decoration panel 4	Model / Colour						BYFQ60B3W1 / White (RAL9010)			
	Dimensions	HeightxWidthxDepth		mm			55x700x700			
	Weight			kg			2.7			
Fan	Air flow	Cooling	At high / medium / low fan speed	m^3/min	8.5/7.00/6.5	8.7/7.50/6.5	9.0/8.00/6.5	10.0/8.50/7.0	11.5/9.50/8.0	14.5/12.5/10.0
	rate - 50Hz	Heating	At high / medium / low fan speed	m^3/min	8.5/7.0/6.5	8.7/7.5/6.5	9.0/8.0/6.5	10.0/8.5/7.0	11.5/9.5/8.0	14.5/12.5/10.0
Air filter	Type						Resin net			
Sound power level	Cooling	At high fan speed		dBA	49		50	51	54	60
Sound pressure	Cooling	At high / medium / low fan speed		dBA	31.5/28.0/25.5	32.0/29.5/25.5	33.0/30.0/25.5	33.5/30.0/26.0	37.0/32.0/28.0	43.0/40.0/33.0
level	Heating	At high / medium / low fan speed		dBA	31.5/28.0/25.5	32.0/29.5/25.5	33.0/30.0/25.5	33.5/30.0/26.0	37.0/32.0/28.0	43.0/40.0/33.0
Refrigerant	Type/GWP						R-410A/2,087.5			
Piping connections	Liquid	OD		mm			6.35			
	Gas	OD		mm			12.7			
	Drain						VP20 (I.D. 20/O.D. 26)			
Power supply	Phase/Frequency/Voltage			Hz/V			1~/50/60/220-240/220			
Current - 50Hz	Maximum fuse amps (MFA)			A			16			
Control systems	Infrared remote control						BRC7F530W (white panel) / BRC7F530S (grey panel) / BRC7EB530W (standard panel)			
Control systems	Wired remote control						BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52			

Contains fluorinated greenhouse gases

FXCQ-A

2-way blow ceiling mounted cassette

Thin, lightweight design installs easily in narrow corridors



FXCQ20_40A

FXCQ-A

Indoor Unit				FXCQ	20A	25A	32A	40A	50A	63A	80A	125A
Cooling capacity	Total capacity	At high fan speed		kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	14.0
Heating capacity	Total capacity	At high fan speed		kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	16.0
Power input - 50Hz	Cooling	At high fan speed		kW	0.031	0.039		0.041	0.059	0.063	0.090	0.149
	Heating	At high fan speed		kW	0.028	0.035		0.037	0.056	0.060	0.086	0.146
Dimensions	Unit	HeightxWidthxDepth		mm	305x775x620				305x990x620		305x1,445x620	
Weight	Unit			kg	19				22	25	33	38
Casing	Material				Galvanised steel plate							
Decoration panel	Model				BYBCQ40HW1				BYBCQ63HW1		BYBCQ125HW1	
	Colour				Fresh white (6.5Y 9.5/0.5)							
	Dimensions	HeightxWidthxDepth		mm	55x1,070x700				55x1,285x700		55x1,740x700	
	Weight			kg	10				11		13	
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m^3/min	10.5/9/7.5	11.5/9.5/8		12/10.5/8.5	15/13/10.5	16/14/11.5	26/22.5/18.5	32/27.5/22.5
Air filter	Type				Resin net with mold resistance							
Sound power level	Cooling	At high / medium / low fan speed		dBA	48/46/44	50/47/45	50/48/46	52/49/47	53/51/47	55/53/48	58/54/49	62/58/54
Sound pressure level	Cooling	At high / medium / low fan speed		dBA	32.0/30.0/28.0	34.0/31.0/29.0	34.0/32.0/30.0	36.0/33.0/31.0	37.0/35.0/31.0	39.0/37.0/32.0	42.0/38.0/33.0	46.0/42.0/38.0
	Heating	At high / medium / low fan speed		dBA	32.0/30.0/28.0	34.0/31.0/29.0	34.0/32.0/30.0	36.0/33.0/31.0	37.0/35.0/31.0	39.0/37.0/32.0	42.0/38.0/33.0	46.0/42.0/38.0
Refrigerant	Type/GWP				R-410A/2,087.5							
Piping connections	Liquid	OD		mm	6.35					9.52		
	Gas	OD		mm	12.7					15.9		
	Drain				VP25 (O.D. 32 / I.D. 25)							
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240							
Current - 50Hz	Maximum fuse amps (MFA)			A	16							
Control systems	Infrared remote control				BRC7C52							
	Wired remote control				BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52							

Contains fluorinated greenhouse gases

NEW FXKQ-A

Ceiling mounted corner cassette

1-way blow unit for corner installation

New design!



FXKQ-A

FXKQ-A

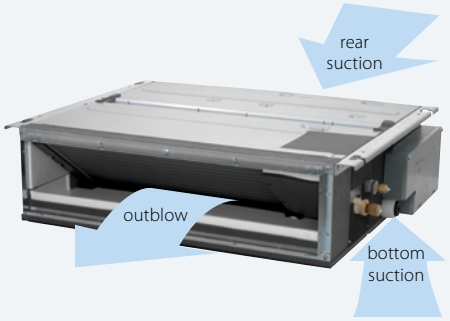
Indoor Unit				FXKQ	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	At high fan speed		kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Total capacity	At high fan speed		kW	2.5	3.2	4	5	6.3	8
Power input - 50Hz	Cooling	At high fan speed		kW	0.024	0.024	0.033	0.038	0.055	0.118
	Heating	At high fan speed		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 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	m^3/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				Resin net					
Sound power level	Cooling	At high / medium / low fan speed		dBA	46.0/43.5/41.0		50.5/48.5/46.5	52.5/50.0/48.0	57.0/52.5/50.0	61.5/57.0/52.5
	Heating	At high / medium / low fan speed		dBA	50.0/46.0/41.5		52.5/49.5/47.0	53.0/50.5/48.0	58.0/53.0/50.5	63.5/58.0/53.0
Sound pressure level	Cooling	At high / medium / low fan speed		dBA	32.0/27.5/22.5		37.0/34.0/31.5	38.5/34.5/31.5	42.0/38.0/34.5	48.5/43.5/38.5
	Heating	At high / medium / low fan speed		dBA	36.0/31.0/25.5		39.0/35.5/32.5	39.5/36.0/32.5	44.0/39.5/36.0	49.0/44.0/39.5
Refrigerant	Type/GWP				R-32/675					
Piping connections	Liquid	OD		mm	6.35					
	Gas	OD		mm	9.52				12.7	
	Drain				VP25 (O.D. 32/I.D. 25)					
Power supply				Hz/V	1~/50/60/220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)			A	6					

Contains fluorinated greenhouse gases

FXDQ-A3

Slim concealed ceiling unit

Slim design for flexible installation



FXDQ15-32A3

FXDQ-A3

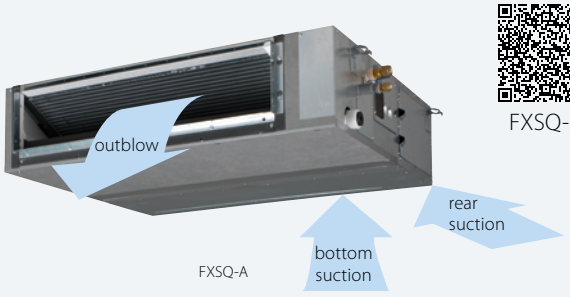
Indoor Unit				FXDQ	15A3	20A3	25A3	32A3	40A3	50A3	63A3
Cooling capacity	Nom.			kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Nom.			kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	At high fan speed		kW	0.036			0.041	0.042	0.053	0.062
	Heating	At high fan speed		kW	0.036			0.041	0.042	0.053	0.062
Required ceiling void >				mm	240						
Dimensions	Unit	HeightxWidthxDepth		mm	200x750x620				200x950x620		200x1,150x620
Weight	Unit			kg	22				26		29
Casing	Material				Galvanised steel						
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m^3/min	7.5/7.0/6.4	8.0/7.2/6.4			10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0
	External static pressure - 50Hz	Factory set / High		Pa	10/30.0				15/44.0		
Air filter	Type				Removable / washable						
Sound power level	Cooling	At high fan speed		dBA	50	51			52	53	54
Sound pressure level	Cooling	At high / medium / low fan speed		dBA	32.0/31.0/27.0	33.0/31.0/27.0			34.0/32.0/28.0	35.0/33.0/29.0	36.0/34.0/30.0
Refrigerant	Type/GWP				R-410A/2,087.5						
Piping connections	Liquid	OD		mm	6.35						9.52
	Gas	OD		mm	12.7						15.9
	Drain				VP20 (I.D. 20/O.D. 26)						
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220						
Current - 50Hz	Maximum fuse amps (MFA)			A	16						
Control systems	Infrared remote control				BRC4C65 / BRC4C66						
	Wired remote control				BRC1D528 / BRC1E51						

Contains fluorinated greenhouse gases

FXSQ-A

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market



FXSQ-A

FXSQ-A

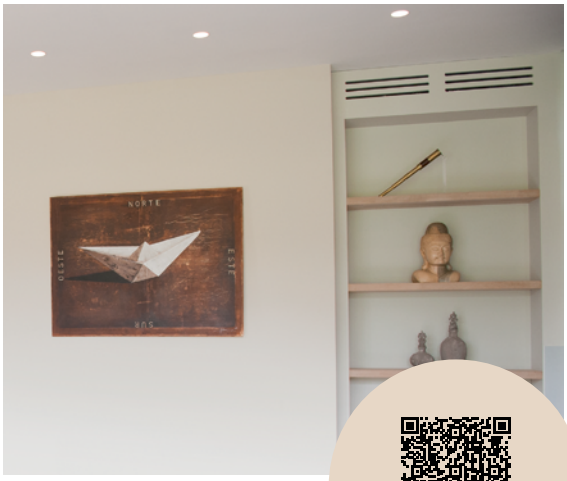
Indoor Unit				FXSQ	15A	20A	25A	32A	40A	50A	63A	80A	100A	125A	140A
Cooling capacity	Total capacity	At high fan speed		kW	1.70	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	16.00
Heating capacity	Total capacity	At high fan speed		kW	1.90	2.50	3.20	4.00	5.00	6.30	8.00	10.0	12.5	16.0	18.0
Power input - 50Hz	Cooling	At high fan speed		kW	0.041			0.045	0.087	0.089	0.101	0.135	0.173	0.237	0.247
	Heating	At high fan speed		kW	0.041			0.045	0.087	0.089	0.101	0.135	0.173	0.237	0.247
Dimensions	Unit	HeightxWidthxDepth		mm	245x550x800				245x700x800		245x1,000x800		245x1,400x800		245x1,550x800
Weight	Unit			kg	23.5			24.0	28.5	29.0	35.5	36.5	46.0	47.0	51.0
Casing	Material				Galvanised steel plate										
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m^3/min	8.7/7.50/6.5	9.0/7.50/6.5		9.5/8.00/7.0	15.0/12.5/11.0	15.2/12.5/11.0	21.0/18.0/15.0	23.0/19.5/16.0	32.0/27.0/23.0	36.0/31.5/26.0	39.0/34.0/28.0
		Heating	At high / medium / low fan speed	m^3/min	8.7/7.5/6.5	9.0/7.5/6.5		9.5/8.0/7.0	15.0/12.5/11.0	15.2/12.5/11.0	21.0/18.0/15.0	23.0/19.5/16.0	32.0/27.0/23.0	36.0/31.5/26.0	39.0/34.0/28.0
	External static pressure - 50Hz	Factory set / High		Pa	30/150							40/150		50/150	
Air filter	Type				Resin net										
Sound power level	Cooling	At high fan speed		dBA	54		55	60			59	61		64	
Sound pressure level	Cooling	At high / medium / low fan speed		dBA	29.5/28.0/25.0	30.0/28.0/25.0	26.0/29.0/26.0	35.0/32.0/29.0			33.0/30.0/27.0	35.0/32.0/29.0	36.0/34.0/31.0	39.0/36.0/33.0	41.5/38.0/34.0
	Heating	At high / medium / low fan speed		dBA	31.5/29.0/26.0	32.0/29.0/26.0	33.0/30.0/27.0	37.0/34.0/29.0			35.0/32.0/28.0	37.0/34.0/30.0	37.0/34.0/31.0	40.0/37.0/33.0	42.0/38.5/34.0
Refrigerant	Type/GWP				R-410A/2,087.5										
Piping connections	Liquid	OD		mm	6.35						9.52				
	Gas	OD		mm	12.7						15.9				
	Drain				VP20 (I.D. 20/O.D. 26), drain height 625 mm										
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220										
Current - 50Hz	Maximum fuse amps (MFA)			A	16										
Control systems	Infrared remote control				BRC4C65										
	Wired remote control				BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52										

Contains fluorinated greenhouse gases

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.



Easy selection via our NEW software!

Benefits

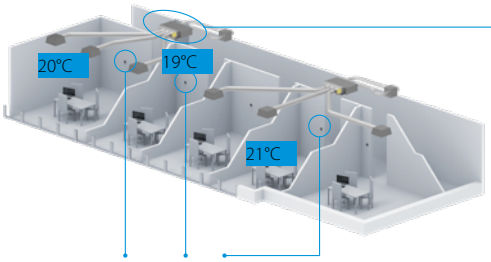
Increased comfort

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

Easy to install

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

How does it work?





Zoning box: fully pre-assembled plenum with dampers

Individual zone thermostats

Bluezero - Airzone Main Thermostat

- Color graphic interface for controlling zones



AZCE6BLUEZEROCB (Wired)

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)

Compatibility

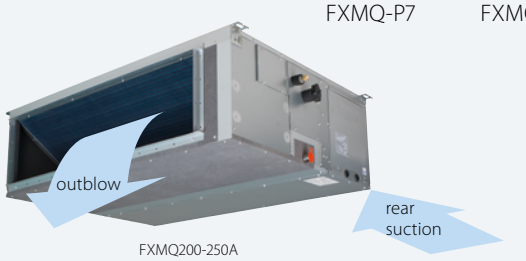
Number of motorised dampers		Reference	Dimensions H x W x D (mm)	Ø (mm)	SkyAir FDXM-F9 25	35	50	60	SkyAir FBA-A(9) 35	50	60	71	100	125	140	SkyAir ADEA-A 71	100	125	VRV IV+ FXDQ-A3 15	20	25	32	40	50	63	VRV IV+ FXSQ-A 15	20	25	32	40	50	63	80	100	125	140
Standard plenum	2	AZE(Z/R)6DAIST07XS2	300 x 930 x 454	200																						•	•	•	•						
		AZE(Z/R)6DAIST07S2							•	•																			•	•					
	3	AZE(Z/R)6DAIST07XS3																								•	•	•	•						
		AZE(Z/R)6DAIST07S3							•	•																			•	•					
	4	AZE(Z/R)6DAIST07S4	300 x 1,140 x 454						•	•																			•	•					
		AZE(Z/R)6DAIST07M4									•	•				•															•	•			
	5	AZE(Z/R)6DAIST07M5	300 x 1,425 x 454								•	•				•															•	•			
		AZE(Z/R)6DAIST07L5											•	•	•		•	•															•	•	
	6	AZE(Z/R)6DAIST07M6	300 x 1,638 x 454								•	•				•															•	•			
		AZE(Z/R)6DAIST07L6											•	•	•		•	•															•	•	
	7	AZE(Z/R)6DAIST07L7	515 x 1,425 x 454										•	•	•		•	•															•	•	
		AZE(Z/R)6DAIST07XL7																																	•
	8	AZE(Z/R)6DAIST07L8											•	•	•		•	•															•	•	
		AZE(Z/R)6DAIST07XL8																																	•
Medium plenum	2	AZEZ6DAIBS07XS2	250 x 930 x 454	200																						•	•	•	•						
		AZEZ6DAIBS07S2							•	•																			•	•					
	3	AZEZ6DAIBS07XS3																								•	•	•	•						
		AZEZ6DAIBS07S3							•	•																			•	•					
		AZEZ6DAIBS07M3									•	•				•															•	•			
	4	AZEZ6DAIBS07S4	250 x 1,140 x 454						•	•																			•	•					
		AZEZ6DAIBS07M4									•	•				•															•	•			
		AZEZ6DAIBS07L4											•	•	•		•	•															•	•	
	5	AZEZ6DAIBS07S5	250 x 1,425 x 454						•	•																			•	•					
		AZEZ6DAIBS07M5									•	•				•															•	•			
		AZEZ6DAIBS07L5											•	•	•		•	•															•	•	
		AZEZ6DAIBS07XL5																																	•
	6	AZEZ6DAIBS07M6	250 x 1,638 x 454								•	•				•															•	•			
		AZEZ6DAIBS07L6											•	•	•		•	•															•	•	
		AZEZ6DAIBS07XL6																																	•
Slim plenum	2	AZE(Z/R)6DAISL01S2	210 x 720 x 444	200	•	•													•	•	•	•													
	3	AZE(Z/R)6DAISL01S3			•	•													•	•	•	•													
	4	AZE(Z/R)6DAISL01M4	210 x 930 x 444																				•	•											
	5	AZE(Z/R)6DAISL01L5	210 x 1,140 x 444				•	•																	•										

(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

FXMQ-P7 / FXMQ-A

Concealed ceiling unit with high ESP

Ideal for large sized spaces: ESP up to 250 Pa



FXMQ200-250A

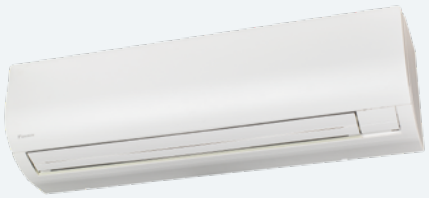
Indoor Unit				FXMQ	50P7	63P7	80P7	100P7	125P7	200A	250A
Cooling capacity	Total capacity	At high fan speed		kW			-			22.4	28.0
	Nom.			kW	5.6	7.1	9.0	11.2	14.0	22.4	28.0
Heating capacity	Total capacity	At high fan speed		kW			-			25.0	31.5
	Nom.			kW	6.3	8.0	10.0	12.5	16.0	25.0	31.5
Power input - 50Hz	Cooling	At high fan speed		kW	0.110	0.120	0.171	0.176	0.241	0.54	0.65
	Heating	At high fan speed		kW	0.098	0.108	0.159	0.164	0.229	0.54	0.65
Required ceiling void >				mm			350			-	
Dimensions	Unit	HeightxWidthxDepth		mm		300x1,000x700			300x1,400x700	470x1,490x1,100	
Weight	Unit			kg		35			46	105	115
Fan	Air flow rate - 50Hz	Cooling	At high/medium/low fan speed	m^3/min	18.0/16.5/15.0	19.5/17.8/16.0	25.0/22.5/20.0	32.0/27.5/23.0	39.0/33.5/28.0	62/48/41	74/64/52
		Heating	At high/medium/low fan speed	m^3/min	18.0/16.5/15.0	19.5/17.8/16.0	25.0/22.5/20.0	32.0/27.5/23.0	39.0/33.5/28.0	62/48/41	74/64/52
	External static pressure - 50Hz	Factory set / High		Pa			100/200			150/250	
Air filter	Type						Resin net			-	
Sound power level	Cooling	At high/medium/low fan speed		dBA	61.0/-/-	64.0/-/-	67.0/-/-	65.0/-/-	70.0/-/-	75/74/72	76/75/73
	Heating	At high/medium/low fan speed					-			75/74/72	76/75/73
Sound pressure level	Cooling	At high/medium/low fan speed		dBA	41.0/39.0/37.0	42.0/40.0/38.0	43.0/41.0/39.0		44.0/42.0/40.0	48/46.5/45	
	Heating	At high/medium/low fan speed		dBA	41.0/39.0/37.0	42.0/40.0/38.0	43.0/41.0/39.0		44.0/42.0/40.0	48/46.5/45	
Refrigerant	Type/GWP						R-410A/-			R-410A/2,087.5	
Piping connections	Liquid	OD		mm	6.35			9.52			
	Gas	OD		mm	12.7		15.9			19.1	22.2
	Drain						VP25 (I.D. 25/O.D. 32)			BSP1	
Power supply	Phase/Frequency/Voltage			Hz/V			1~/50/60/220-240/220 +/-10%			1~/50/220-240	
Current - 50Hz	Maximum fuse amps (MFA)			A			6				
Control systems	Infrared remote control						BRC4C65				
	Wired remote control						BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52				

Contains fluorinated greenhouse gases

FXAQ-A

Wall mounted unit

For rooms with no false ceilings nor free floor space


FXAQ-A

FXAQ-A

Indoor Unit				FXAQ	15A	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	At high fan speed		kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Total capacity	At high fan speed		kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	At high fan speed		kW	0.02		0.03		0.02	0.03	0.05
	Heating	At high fan speed		kW	0.03			0.04	0.02	0.04	0.06
Dimensions	Unit	HeightxWidthxDepth		mm	290x795x266				290x1,050x269		
Weight	Unit			kg	12				15		
Fan	Air flow rate - 50Hz	Cooling	At high fan speed/ At low fan speed	m^3/min	8.4/7.0	9.1/7.0	9.4/7.0	9.8/7.0	12.2/9.7	14.4/11.5	18.3/13.5
Air filter	Type				Washable resin net						
Sound power level	Cooling	At high fan speed		dBA	51.0	52.0	53.0	55.0		58.0	63.0
Sound pressure level	Cooling	At high fan speed/ At low fan speed		dBA	32.0/28.5	33.0/28.5	35.0/28.5	37.5/28.5	37.0/33.5	41.0/35.5	46.5/38.5
	Heating	At high fan speed/ At low fan speed		dBA	33.0/28.5	34.0/28.5	36.0/28.5	38.5/28.5	38.0/33.5	42.0/35.5	47.0/38.5
Refrigerant	Type/GWP				R-410A/2,087.5						
Piping connections	Liquid	OD		mm	6.35						9.52
	Gas	OD		mm	12.7						15.9
	Drain				VP13 (I.D. 15/O.D. 18)						
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240						
Current - 50Hz	Maximum fuse amps (MFA)			A	16						
Control systems	Infrared remote control				BRC7EA628 / BRC7EA629						
	Wired remote control				BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52						

Contains fluorinated greenhouse gases

FXHQ-A

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space



FXHQ63A

FXHQ-A

Indoor Unit				FXHQ	32A	63A	100A
Cooling capacity	Total capacity	At high fan speed		kW	3.6	7.1	11.2
Heating capacity	Total capacity	At high fan speed		kW	4.0	8.0	12.5
Power input - 50Hz	Cooling	At high fan speed		kW	0.107	0.111	0.237
	Heating	At high fan speed		kW	0.107	0.111	0.237
Dimensions	Unit	HeightxWidthxDepth		mm	235x960x690	235x1,270x690	235x1,590x690
Weight	Unit			kg	27	35	42
Casing	Material				Resin, sheet metal		
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m^3/min	14.0/12.0/10.0	20.0/17.0/14.0	29.5/24.0/19.0
		Heating	At high / medium / low fan speed	m^3/min	14.0/12.0/10.0	20.0/17.0/14.0	29.5/24.0/19.0
Air filter	Type				Resin net		
Sound power level	Cooling	At high / medium / low fan speed		dBA	54.0/52.0/49.0	55.0/53.0/52.0	62.0/55.0/52.0
Sound pressure level	Cooling	At high / medium / low fan speed		dBA	36.0/34.0/31.0	37.0/35.0/34.0	44.0/37.0/34.0
	Heating	At high / medium / low fan speed		dBA	36.0/34.0/31.0	37.0/35.0/34.0	44.0/37.0/34.0
Refrigerant	Type/GWP				R-410A/2,087.5		
Piping connections	Liquid	OD		mm	6.35	9.52	
	Gas	OD		mm	12.7	15.9	
	Drain				VP20		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220		
Current - 50Hz	Maximum fuse amps (MFA)			A	16		
Control systems	Infrared remote control				BRC7GA53-9 / BRC7GA56		
	Wired remote control				BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / 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

UNIQUE



FXUQ-A

FXUQ-A

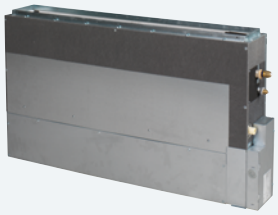
Indoor Unit				FXUQ	71A	100A
Cooling capacity	Total capacity	At high fan speed		kW	8.0	11.2
Heating capacity	Total capacity	At high fan speed		kW	9.0	12.5
Power input - 50Hz	Cooling	At high fan speed		kW	0.090	0.200
	Heating	At high fan speed		kW	0.073	0.179
Dimensions	Unit	HeightxWidthxDepth		mm	198x950x950	
Weight	Unit			kg	26	27
Casing	Material				Resin	
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m^3/min	22.5/19.5/16.0	31.0/26.0/21.0
		Heating	At high / medium / low fan speed	m^3/min	22.5/19.5/16.0	31.0/26.0/21.0
Air filter	Type				Resin net with mold resistance	
Sound power level	Cooling	At high / medium / low fan speed		dBA	58/56/54	65/62/58
Sound pressure level	Cooling	At high / medium / low fan speed		dBA	40.0/38.0/36.0	47.0/44.0/40.0
	Heating	At high / medium / low fan speed		dBA	40.0/38.0/36.0	47.0/44.0/40.0
Refrigerant	Type/GWP				R-410A/2,087.5	
Piping connections	Liquid	OD		mm	9.52	
	Gas	OD		mm	15.9	
	Drain				I.D. 20/O.D. 26	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220-230	
Current - 50Hz	Maximum fuse amps (MFA)			A	16	
Control systems	Infrared remote control				BRC7CB58 / BRC7CB59	
	Wired remote control				BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52	

Contains fluorinated greenhouse gases

FXNQ-A

Concealed floor standing unit

Designed to be concealed in walls



FXNQ-A

FXNQ-A

Indoor Unit				FXNQ	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	At high fan speed		kW	2.20	2.80	3.60	4.50	5.60	7.10
Heating capacity	Total capacity	At high fan speed		kW	2.50	3.20	4.00	5.00	6.30	8.00
Power input - 50Hz	Cooling	At high fan speed		kW	0.071			0.078	0.099	0.110
	Heating	At high fan speed		kW	0.068			0.075	0.096	0.107
Dimensions	Unit	HeightxWidthxDepth		mm	620/720x790x200			620/720x990x200		620/720x1,190x200
Weight	Unit			kg	23.5			27.5		32.0
Casing	Material				Galvanised steel plate					
Fan	Air flow rate - 50Hz	Cooling	At high / medium / low fan speed	m^3/min	8.0/7.20/6.4			10.5/9.50/8.5	12.5/11.0/10.0	16.5/14.5/13.0
		Heating	At high / medium / low fan speed	m^3/min	8.0/7.2/6.4			10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0
	External static pressure - 50Hz	Factory set / High		Pa	10/41.0		10/42.0	15/52.0	15/59.0	15/55.0
Air filter	Type				Resin net					
Sound power level	Cooling	At high fan speed		dBA	51			52	53	54
Sound pressure level	Cooling	At high / medium / low fan speed		dBA	30.0/28.5/27.0			32.0/30.0/28.0	33.0/31.0/29.0	35.0/33.0/32.0
	Heating	At high / medium / low fan speed		dBA	30.0/28.5/27.0			32.0/30.0/28.0	33.0/31.0/29.0	35.0/33.0/32.0
Refrigerant	Type/GWP				R-410A/2,087.5					
Piping connections	Liquid	OD		mm	6.35					9.52
	Gas	OD		mm	12.7					15.9
	Drain				VP20 (I.D. 20/O.D. 26)					
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)			A	16					
Control systems	Infrared remote control				BRC4C65					
	Wired remote control				BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52					

Contains fluorinated greenhouse gases

FXLQ-P

Floor standing unit

For perimeter zone air conditioning

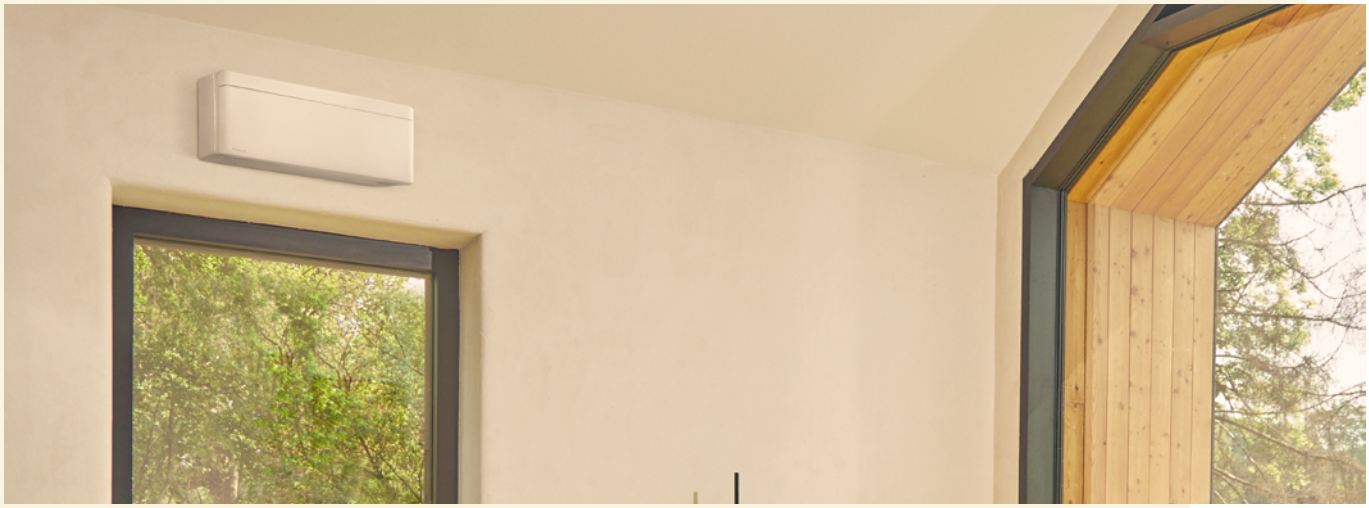


FXLQ20-25P

FXLQ-P

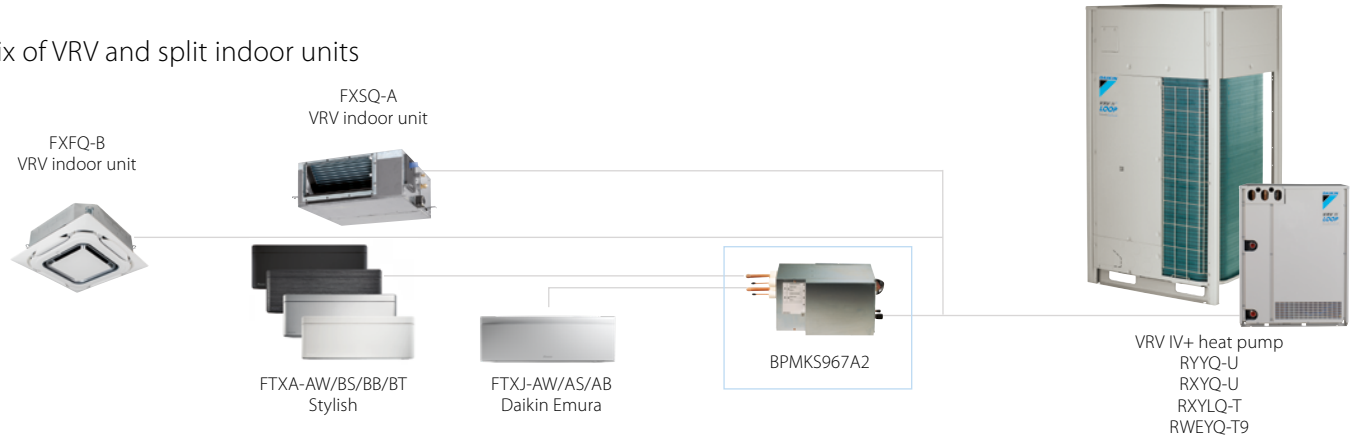
Indoor Unit				FXLQ	20P	25P	32P	40P	50P	63P
Cooling capacity	Total capacity	At high fan speed		kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Total capacity	At high fan speed		kW	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	At high fan speed		kW	0.05		0.09		0.11	
	Heating	At high fan speed		kW	0.05		0.09		0.11	
Dimensions	Unit	HeightxWidthxDepth		mm	600x1,000x232		600x1,140x232		600x1,420x232	
Weight	Unit			kg	27		32		38	
Fan	Air flow rate - 50Hz	Cooling	At high fan speed/ At low fan speed	m^3/min	7/6.0		8/6.0	11/8.5	14/11.0	16/12.0
Air filter	Type				Resin net					
Sound power level	Cooling	At high fan speed		dBA	54			57	58	59
Sound pressure level	Cooling	At high fan speed/ At low fan speed		dBA	35/32			38/33	39/34	40/35
	Heating	At high fan speed/ At low fan speed		dBA	35/32			38/33	39/34	40/35
Refrigerant	Type/GWP				R-410A/2,087.5					
Piping connections	Liquid	OD		mm	6.35					
	Gas	OD		mm	12.7					15.9
	Drain				O.D. 21 (Vinyl chloride)					
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)			A	15					
Control systems	Infrared remote control				BRC4C65					
	Wired remote control				BRC1H52W7/S7/K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52					

Contains fluorinated greenhouse gases

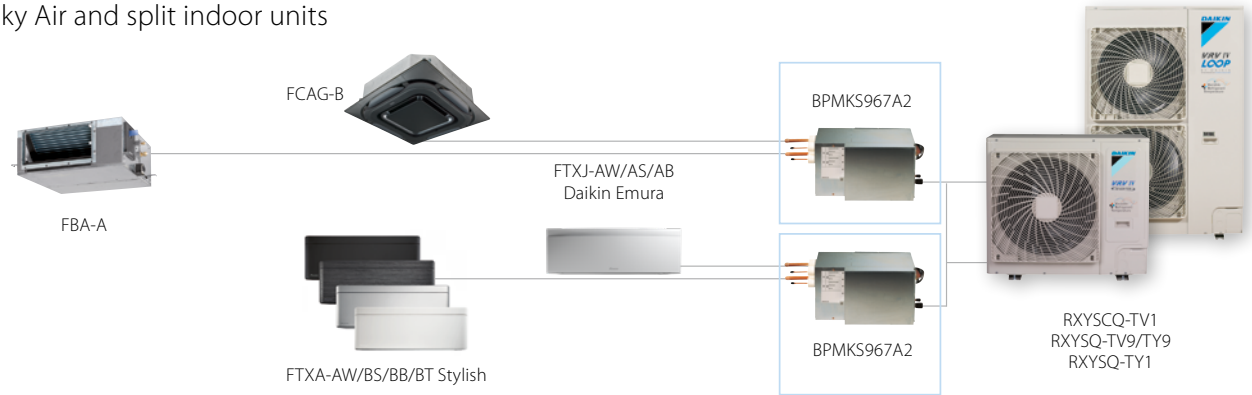


VRV heat pumps combined with design indoor units

Mix of VRV and split indoor units



Mix of Sky Air and split indoor units



*Special order unit, contact your local sales representative for more information

BPMKS967A

Branch provider

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

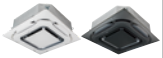
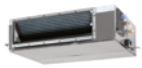


BPMKS967A2

Branch provider			BPMKS967A2	BPMKS967A2
Connectable indoor units			1~2	1~3
Max. indoor unit connectable capacity			14.2	20.8
Max. connectable combination			71+71	60+71+71
Dimensions	Height x Width x Depth	mm	180x294x350	
Weight		kg	7	8

Products overview
Stylish indoor units

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

				Capacity class (kW)								Connectable outdoor unit				
Type	**Model**	**Product name**		**15**	**20**	**25**	**35**	**42**	**50**	**60**	**71**	**RYYQ-U**	**RXYQ-U**	**RXYSCQ-TV1[3] RXYSQ-TV9[3] RXYSQ-TY9/TY1[3]**	**RWEYQ-T9[4]**	**RXYLQ-T**
Ceiling mounted cassette	**Round flow cassette** (incl. auto-cleaning function1) ROUND FLOW	FCAG-B					●		●	●	●	UV Streamer kit		✓		
	Fully flat cassette	FFA-A9				●	●		●	●				✓		
Concealed ceiling	**Slim concealed ceiling unit**	FDXM-F9				●	●		●	●		Auto cleaning filter option		✓		
	Concealed ceiling unit with inverter-driven fan	FBA-A(9)					●		●	●	●			✓		
Wall mounted	**Daikin Emura Wall mounted unit** reddot award 2014 winner	FTXJ-AW9/AS9/AB9			●	●	●	●	●			✓	✓	✓	✓	✓
	Stylish Wall mounted unit	FTXA-CW/CS/CB			●	●	●	●	●			✓	✓	✓	✓	✓
	Perfera Wall mounted unit	CTXM-A / FTXM-A		● 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				●	●		●	●				✓		

[1] Decoration panel BYCQ140DG9 or BYCQ140DGF9 + BRC1E* or BRC1H* needed
[2] To connect stylish indoor units a BPMKS unit is needed
[3] A mix of RA indoor units and VRV indoor units is not allowed.
[4] Only in heat pump operation



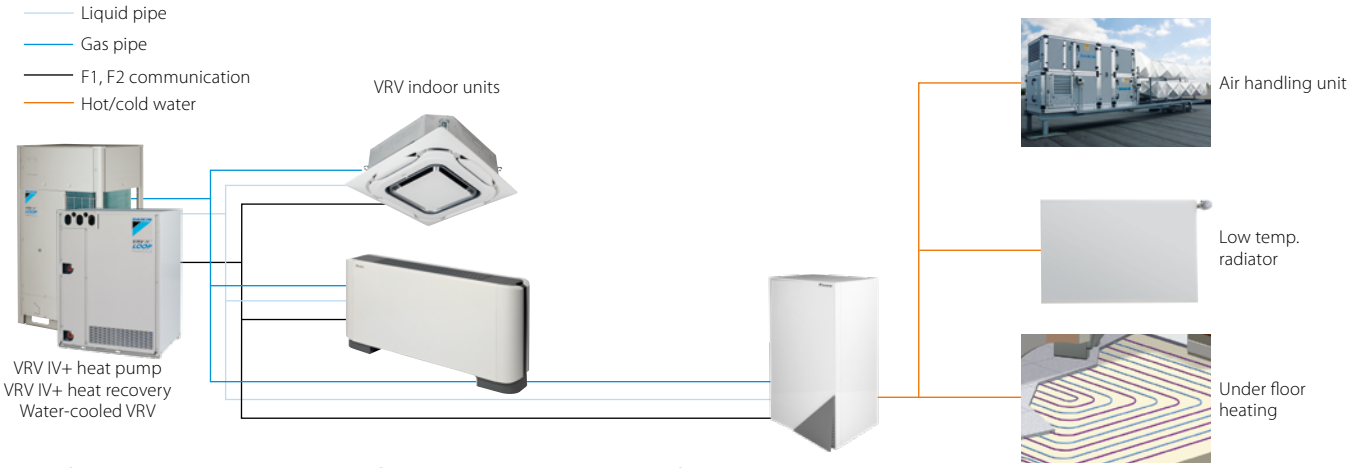
Domestic hot water hydroboxes

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



HXY-A8

Low temperature hydrobox for VRV

For high efficiency space heating and cooling

HXY-A8



HXY-A8

Indoor Unit				HXY	080A8	125A8
Cooling capacity	Nom.			kW	8.0 (1)	12.5 (1)
Heating capacity	Nom.			kW	9.00 (2)	14.00 (2)
Casing	Colour				White	
	Material				Precoated sheet metal	
Dimensions	Unit	HeightxWidthxDepth		mm	890x480x344	
Weight	Unit			kg	44.0	
Operation range	Heating	Ambient	Min.~Max.	°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 level	Nom.			dBA	31	
Refrigerant circuit	Gas side diameter			mm	15.9	
	Liquid side diameter			mm	9.5	
Water circuit	Piping connections diameter			inch	G 1"1/4 (female)	
Power supply	Phase / Frequency / Voltage			Hz/V	1~ / 50 / 220-240	
Current	Recommended fuses			A	6~16	

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

HXHD-A8

High temperature hydrobox for VRV

For efficient hot water production and space heating

HXHD-A8



HXHD-A8



EKHWP-B



EKHWP-B

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	705x600x695	
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 hot water	Ambient	Min.~Max.	°CDB	-20.0~43.0	
		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 level	Nom.			dBA	42.0(1)/43.0(2)	46.0(1)/46.0(2)
	Night quiet mode	Level 1		dBA	38(1)	45(1)
Water circuit	Piping connections diameter			inch	G 1" (female)	
	Heating water system	Water volume	Max. ~ Min.	l	200~20	400~20
Power supply	Phase / Frequency / Voltage			Hz/V	1~ / 50 / 220-240	3~ / 50 / 380-415
Current	Recommended fuses			A	20	16

(1) 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



Options & accessories

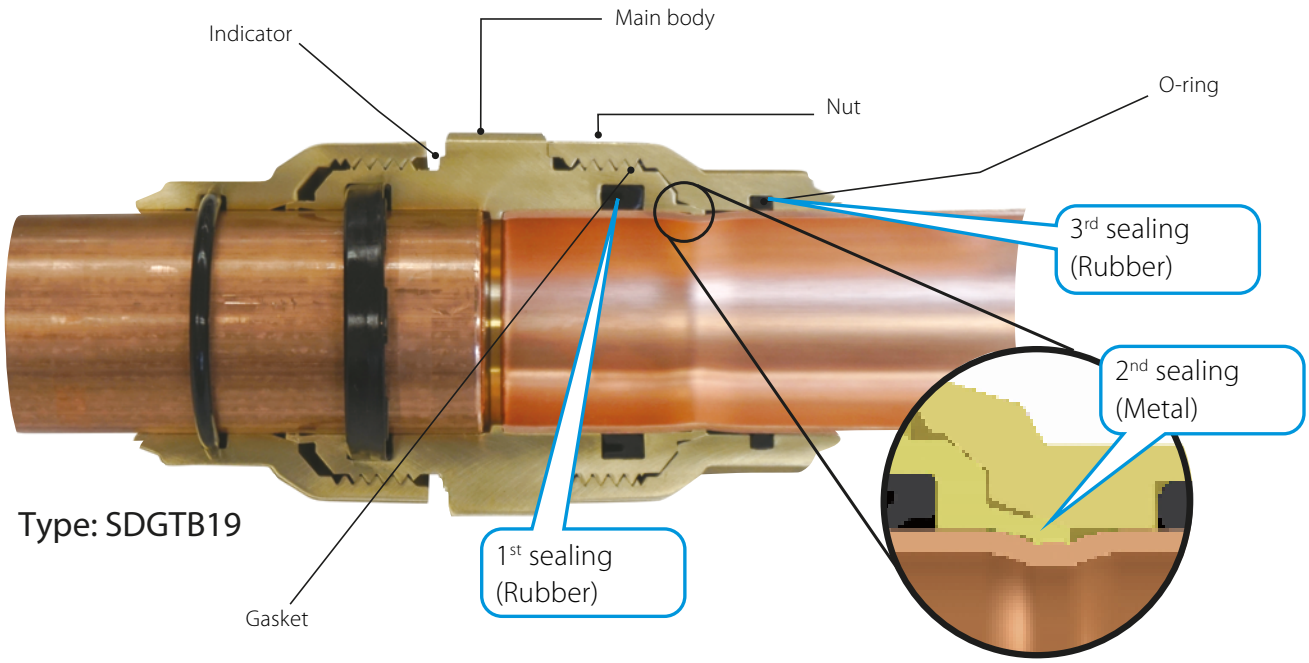
Tightfit	145
VRV Outdoor	148
VRV indoor	153
Ventilation	156
Control Systems	160

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.

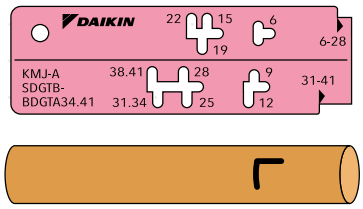
- Double edged claw catches the pipe to form tight, **mechanical sealing ISO 14903 certified**
- Specially developed REFNET allows direct connection to Tightfit joints
- Unique mechanical and resin sealing prevents any leak
- Extremely durable: can withstand up to 4 times the maximum operting pressure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

Tightfit Mechanism



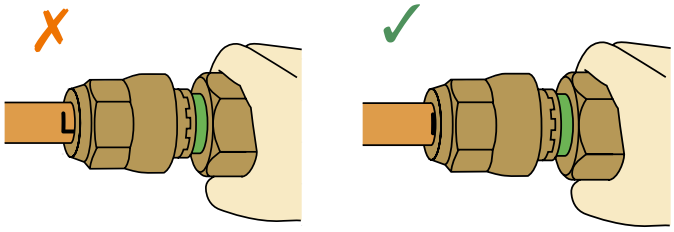
Daikin Tightfit is awarded 3 Ticks Excellent Rating by Singapore Green Building Product (SGBP) scheme. SGBP is a certification for green building products and materials, ensuring that sustainability is integrated throughout the design and manufacturing process of green building products.

Installation in 4 easy steps



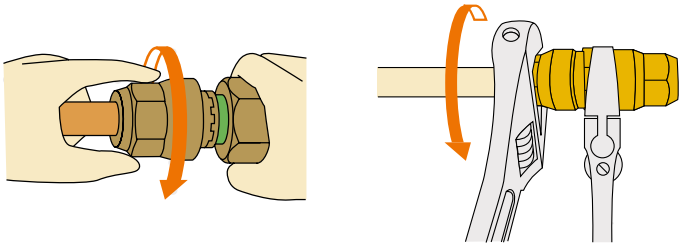
1 Mark the insertion line

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



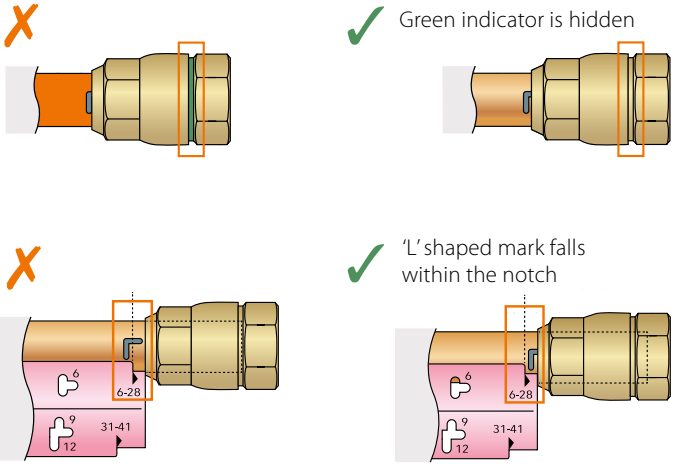
2 Insert the pipe

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

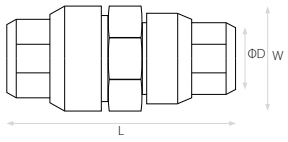
1. Green indicator should be hidden.
2. Place the marking gauge on the end face of the nut and make sure that the 'T' or 'L' shaped mark falls completely within the notch in the marking gauge.

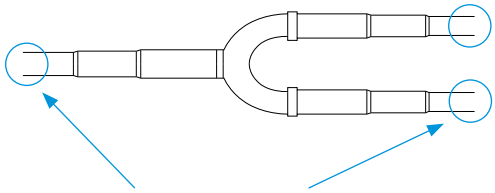
View our installation video!

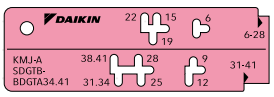
Tighfit joint

Tightfit REFNET

Standard joints (same size piping on each side)						
	Box Model Name	No. of joints/box	Dimensions			
			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	1 1/8" (28.6mm)	88	46.7	515
	BDGTA34_B	20	1 3/8" (34.9mm)	101.5	51.1	686
	BDGTA41_B	16	1 5/8" (41.3mm)	103.5	58.3	881

Asymmetric joints (different size piping on each side)						
	Box Model Name	No. of joints/box	Dimensions			
			Diameter	L (mm)	W (mm)	Single Weight (g)
	NEW SDGTC0906_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	1 1/8"-1 3/8" (28.6-34.9mm)	101.5	51.1	645

Refnets compatible with Tightfit joints				
	Capacity index		Tightfit REFNET	Standard Refnet (for reference only)
	X<290	2-pipe	BHRG26A33T	KHRQ22M20TA
				KHRQ22M20T
				KHRQ22M29T9
	290<= X <= 640		BHRG26A72T	KHRQ22M64T
	640 <= X		BHRG26A73T	KHRQ22M75T
	X<290	3-pipe	BHRG25A33T	KHRQ23M20T
				KHRQ23M29T9
	290<= X <= 640		BHRG25A72T	KHRQ23M64T
	640 <= X		BHRG25A73T	KHRQ23M75T

Accessories	
	New Measuring Tool
	SDGT_GAUGE

Options & accessories - VRV outdoor

		R-32		R-32	
		VRV 5 heat recovery		VRV 5 heat pump	
		REYA8-20 REMA5	2 module systems	RXYA 8~20 RYMA5	2-module systems
Kits	**Multi-module connection kit (obligatory)** - Connects multiple modules into a single refrigerant system		2 modules: BHFQ23P907A		2 modules: BHFA22P1007
Kits	**Central drain pan kit** - Installs onto the underside of the outdoor unit and collects drain water from all bottom plate outlets into a single outlet. In cold areas should be heated by a field-supplied heater to prevent drain water from freezing in the drain pan.				
Kits	**Bottom plate heater** - To keep drain holes ice-free in extreme weather conditions (one per outdoor unit needed)	5/8-12: EKBPH012TA 14-20: EKBPH020TA	1 kit per system	5/8-12: EKBPH012TA 14-20: EKBPH020TA	1 kit per system
Adapters	**External control adapter for outdoor unit** - Allows to activate Low Noise Operation and three levels of demand control, limiting power consumption via external dry contacts. Connects to the F1/F2 communication line and requires power supply from an indoor unit, BSVQ box, or VRV-WIII outdoor unit.	DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. For 14-20 HP the demand PCB mouting plate is required (2). See Options & Accessories of indoor units			
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)	
Adapters	Cool/heat selector PCB (required to connect KRC19-26)			EKBRP2A81	
Others	**EKCHSC** - Cool/heat selector cable				
Others	**EKPCCAB4** VRV configurator				
Others	**DTA109A51** DIII-net expander adapter	• (2) (4)		• (2) (4)	
Others	**BPMKS967A2/A3** Branch provider (for connection of 2/3 RA indoor units)				
Others	**EKDK04** Drain plug kit				
Others	**EKLN140A** Sound enclosure				

		R-410A		R-410A	
		VRV IV+ heat recovery		VRV IV+ heat pump	
		REYQ8-20 REMQ5	2/3 module systems	RYYQ8-20 RYMQ8-20 RXYQ8-20	2/3 module systems
Kits	**Multi-module connection kit (obligatory)** - Connects multiple modules into a single refrigerant system		2 modules: BHFQ23P907A 3 modules: BHFQ23P1357		2 modules: BHFQ22P1007 3 modules: BHFQ22P1517
Kits	**Central drain pan kit** - Installs onto the underside of the outdoor unit and collects drain water from all bottom plate outlets into a single outlet. In cold areas should be heated by a field-supplied heater to prevent drain water from freezing in the drain pan.				
Kits	**Bottom plate heater** - To keep drain holes ice-free in extreme weather conditions (one per outdoor unit needed)	5/8-12: EKBPH012T7A 14-20: EKBPH020T7A		8-12: EKBPH012T7A 14-20: EKBPH020T7A	
Adapters	**External control adapter for outdoor unit** - Allows to activate Low Noise Operation and three levels of demand control, limiting power consumption via external dry contacts. Connects to the F1/F2 communication line and requires power supply from an indoor unit, BSVQ box, or VRV-WIII outdoor unit.	DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type For 14-20 HP the demand PCB mouting plate is required (2). See Options & Acce			
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)
Adapters	Cool/heat selector PCB (Required to connect KRC19-26)			BRP2A81	1 kit per system
Others	**EKCHSC** Cool/heat selector cable (Required to connect KRC19-26)				
Others	**EKPCCAB4** VRV configurator			•	
Others	**DTA109A51** DIII-net expander adapter				
Others	**BPMKS967A2/A3** Branch provider (for connection of 2/3 RA indoor units)			•	
Others	**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 EN13501-1:B-S3,dO and BS476-7 (class 1)
(2) Requires mounting plate EKSB26B2* for 14~20HP
(3) Requires installation box KJB111A
(4) Only possible to install 1 adapter PCB

R-32		R-744
VRV S-series		CO_2 VRV
RXYSA4-6AV1/AY1	RXYSA8-12AAY1	RXYN-B
EKBPH250D		
DTA104A53/61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. See Options & Accessories of indoor units		DTA104A61/62 For installation into an indoor unit: exact adapter type depends on type of indoor unit. See Options & Accessories of indoor units
• (3)	Standard on unit	
Standard on unit	Standard on unit	
•		
•		

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

Options & accessories - VRV outdoor

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

(1) For installations with special requirements towards fire regulations, the insulation material can be replaced using kits 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
(4) Only possible to install 1 adapter PCB

Refnets & branch selector boxes

		Refnet Joints (for CO_2 systems field supplied T-joints must be used)			
		Capacity index	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
	Imperial-size connections for heat recovery pump (2-pipe) (1)	KHRQ23M20T	KHRQ23M29T	KHRQ23M64T	KHRQ23M75T
Options for Branch selector boxes (BS box) (only for connection with VRV heat recovery system)	Closed pipe kit				
	Joint kit				
	Quiet kit				
	Duct connection: To connect extraction of BSSV boxes in serial				
	Drain pump kit				

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

R-410A		R-410A		
VRV III-Q Heat Recovery Replacement VRV		VRV-W IV Water-cooled 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-32	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	VRV IV Heat Recovery Branch Selector (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		

Options & accessories - VRV indoor

			R-32	R-32	R-32
			Ceiling mounted cassette units		
			Round flow (800x800)	Fully flat (600x600)	Corner (1-way)
			FXFA-A	FXZA-A	FXKA-A
Panels	**Decoration panel** (obligatory for cassette units, optional for others, rear panel for FXLQ)		Standard panels: BYCQ140E (white) / BYCQ140EW (full white)(3) / BYCQ140EB (black) Auto cleaning (5)(6): BYCQ140EGF (white) / BYCQ140EGFB (black) Designer panels: BYCQ140EP (white) / BYCQ140EPB (black)	BYFQ60C4W1W (white panel) (19) BYFQ60C4W1S (grey panel) (19) BYFQ60B3W1 (standard panel) (20)	20-32: BYK32G 40-63: BYK63G
	Panel spacer for reducing required installation height			KDBQ44B60 (Standard panel)	
	Sealing kit for 3- or 2-directional air discharge		KDBHQ56B140 (7)	BDBHQ44C60 (white & grey panel)	
	Sensor kit		BRYQ140B (white panels) BRYQ140BB (black panels) BRYQ140C (white designer panel) BRYQ140CB (black designer panel)	BRYQ60A3W (white) BRYQ60A3S (grey)	
Individual control systems	Infrared remote control (incl. receiver)		BRC7FA532F (white panels) (7)(15) BRC7FA532FB (black panels) (7)(15) BRC7FB532F (white designer panel) (7)(15) BRC7FB532FB (black designer panel) (7)(15)	BRC7F530W (9) (10) (white panel) BRC7F530S (9) (10) (grey panel) BRC7EB530W (9) (10) (standard panel)	
	BRP069C51 - Onecta app		•	•	•
	Madoka **BRC1H52W7** (White) / **BRC1H52S7** (Silver) / **BRC1H52K7** (Black) User-friendly wired remote controller with premium design		• (mandatory)	• (mandatory)	• (mandatory)
	BRC1E53A/B/C - Wired remote control with full-text interface and back-light				
	BRC1D52 (4) - Standard wired remote control with weekly timer				
Centralised control systems	**DCC601A51** - intelligent Tablet Controller		•	•	•
	DCS601C51 (12) - intelligent Touch Controller		•	•	•
	DCS302C51 (12) - Central remote controller		•	•	•
	DCS301B51 (12) (13) - Unified ON/OFF controller		•	•	•
Building Management System & Standard protocol interfaces – for individual control	**EKMBPP1A** - Modbus interface for monitoring and control (check compatibility)		•	•	•
	RTD-10 - Modbus interface for infrastructure cooling		•	•	•
	RTD-20 - Modbus interface for retail		•	•	•
	RTD-HO - Modbus interface for hotel		•	•	•
	KLIC-DI_V2 - KNX Interface		•	•	•
Building Management System & Standard protocol interfaces – for central control	**DCM601B51** - intelligent Touch Manager		•	•	•
	DGE601A51 - Edge adapter for connection to Daikin Cloud Plus		•	•	•
	DGE602A51 - Edge lite adapter for connection to Daikin Cloud Plus		•	•	•
	EKMBDXB - Modbus interface		•	•	•
	DCM010A51 - Daikin PMS interface		•	•	•
	DMS502A51 - BACnet Interface		•	•	•
	DMS504B51 - LonWorks Interface		•	•	•
Filters	Auto cleaning filter		see decoration panel		
	UV Streamer kit (purifies the air of pollutants such as virusses, bacteria, fine dust, odours, allergens, etc ensuring a healthy indoor environment)	UV Streamer kit	BAEF125AWB (22)		
		Replacement filter	BAF55A125		
	High efficiency filter		ePM10 60% BAF552AA160 (23) (BAF552AA160-5: box of 5 filters) (BAF552AA160-10: box of 10 filters)		
	Replacement long life filter, non-woven type		KAF5511D160	KAF441C60	
	Pre-filter				
	Filter chamber				
Wiring and sensors	**KRCS** - External wired temperature sensor		KRCS01-5B	KRCS01-6B	KRCS01-6B
	K.RSS - External wireless temperature sensor		SB.K.RSS_RFC (EKEWTSC-2 + K.RSS)	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)
Adapters	Adapter with 2 output signals (Compressor / Error, Fan output)	KRP1BA58 (2)(7)	ERP02A50 (2)	ERP02A50 (2)	
	Adapter with 4 output signals (Compressor / Error, Fan, Aux. heater, Humidifier output)	EKRP1C12 (2)(7)	EKRP1C14 (2)	EKRP1C14 (2)	ERP02A50 (2)
	Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-140Ω (for dedicated indoor)	KRP4A53 (2)(7)	KRP4A53 (2)	KRP4A53 (2)	KRP4A54-9 (2)
	Adapter for external central monitoring/control (controls 1 entire system)		KRP2A52	KRP2A52	KRP2A53 (2)
	Adapter for keycard and/or window contact connection (2)(11)	BRP7A53	BRP7A53 (2)	BRP7A51 (2)	BRP7A54
	Adapter for multi-tenant applications (24VAC PCB power supply interface)	DTA114A61	DTA114A61	DTA114A61	DTA114A61
	External control adapter for outdoor unit (installation on indoor unit)				DTA104A53
	Installation box / Mounting plate for adapter PCBs (For units where there is no space in the switchbox)	KRP1H98A (7) KRP1BC101	KRP1BC101	KRP1BC101 / KRP4B93	KRP1BC101
	Wiring kit for Remote ON/OFF or Forced OFF	Standard	Standard	Standard	
	Relay PCB for output signal of refrigerant sensor	ERP01A51 (2)	ERP01A50 (2)	ERP01A50 (2)	ERP01A51 (2)
Others	Drain pump kit	Standard	Standard	Standard	Standard
	Multi zoning kit (for detailed model code overview refer to multizoning argue card in this catalogue)				
	Fresh air intake kit (direct installation type)	KDDP55C160-1 + KDDP55D160-2 (7)(8)	KDDQ44XA60		
	Air discharge adapter for round duct				
	L-type piping kit				
	Insulation kit for high humidity				KDT25N32 / KDT25N50 / KDT25N63

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

R-32	R-32	R-32	R-32	R-32	R-32	R-32	R-744	R-744
Concealed ceiling units (duct units)			Ceiling suspended 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
FXDA-A	FXSA-A	FXMA-A	FXHA-A	FXUA-A	FXAA-A	FXNA-A	FXFN-B	FXSN-B
							Standard panels: BYCQ140E (white) / BYCQ140EW (full white)(3) / BYCQ140EB (black) Auto cleaning (5)(6): BYCQ140EGF (white) / BYCQ140EGFB (black) Designer panels: BYCQ140EP (white) / BYCQ140EPB (black)	
				KDBHP49B140 + KDBTP49B140			KDBHQ56B140 (7)	
				BRE49B2F			BRYQ140B (white panels) BRYQ140BB (black panels) BRYQ140C (white designer panel) BRYQ140CB (black designer panel)	
BRC4C65	BRC4C65	BRC4C65	BRC7GA53-9	BRC7C58	BRC7EA630	BRC4C65	BRC7FA532F (white panels) (7)(15) 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)					ePM10 60% BAF552AA160 (22) (BAF552AA160-5: box of 5 filters) (BAF552AA160-10 (box of 10 filter)	
		200~250: BAFL502A250 (21)	32: KAF501B56 50~63: KAF501B80 71~100: KAF501B160	KAFP551K160			KAF5511D160	
		200~250: BAFL501A250						
		200~250: BDD500B250						
KRCS01-6B	KRCS01-6B	KRCS01-6B	KRCS01-6B	KRCS01-6B	KRCS01-6B	KRSC01-6B	KRCS01-5B	KRCS01-6B
SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	SB.K.RSS_RFC (EKEWTSC-2 + K.RSS)	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)
		KRP1BA58				KRP1BA58 (2)(7)		
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)	ERP01A50	ERP01A51 (2)	ERP01A51 (2)	ERP01A51 (2)	ERP01A51 (2)			
Standard	200~250: BDU510B250VM	32-50-63: KDU50R63 100: KDU50R160		K-KDU572KVE		Standard	Standard	
						KDDP55C160-1 + KDDP55D160-2 (7)(8)		
15~32: KDAP25A36A 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

Options & accessories - VRV indoor & hot water

R-410A

LOOP BY DAIKIN

			Ceiling mounted cassette units			
			Round flow (800x800)	4-way (600x600)	2-way blow	Corner (1-way blow)
			FXFQ-B	FXZQ-A	FXCQ-A	FXKQ-A
Panels	**Decoration panel** (obligatory for cassette units, optional for others, rear panel for FXLQ)		Standard panels: BYCQ140E (white) / BYCQ140EW (full white)(3) / BYCQ140EB (black) Auto cleaning (5)(6): BYCQ140EGF (white) / BYCQ140EGFB (black) Designer panels: BYCQ140EP (white) / BYCQ140EPB (black)	BYFQ60C2W1W (white panel) BYFQ60C2W1S (grey panel) BYFQ60B3W1 (standard panel)	20~40: BYBCQ40H 50~63: BYBCQ63H 80~125: BYBCQ125H	20-32: BYK32G 40-63: BYK63G
	Panel spacer for reducing required installation height			KDBQ44B60 (Standard panel)		
	Sealing kit for 3- or 2-directional air discharge		KDBHQ56B140 (7)	BDBHQ44C60 (white & grey panel)		
	Sensor kit		BRYQ140B (white panels) BRYQ140BB (black panels) BRYQ140C (white designer panel) BRYQ140CB (black designer panel)	BRYQ60A2W (white) BRYQ60A2S (grey)		
Individual control systems	Infrared remote control including receiver		BRC7FA532F (white panels) (7)(15) BRC7FA532FB (black panels) (7)(15) BRC7FB532F (white designer panel) (7)(15) BRC7FB532FB (black designer panel) (7)(15)	BRC7F530W (9) (10) (white panel) BRC7F530S (9) (10) (grey panel) BRC7EB530W (9) (10) (standard panel)	BRC7C52	
	BRP069C51 - Onecta app					
	Madoka **BRC1H52W7** (White) / **BRC1H52S7** (Silver) / **BRC1H52K7** (Black) User-friendly wired remote controller with premium design		•	•	•	•
	BRC1E53A/B/C - Wired remote control with full-text interface and back-light		•	•	•	•
	BRC1D52 (4) - Standard wired remote control with weekly timer		• (15)	•	•	•
Centralised control systems	**DCC601A51** - Intelligent Tablet Controller		•	•	•	•
	DCS601C51 (12) - intelligent Touch Controller		•	•	•	•
	DCS302C51 (12) - Central remote control		•	•	•	•
	DCS301B51 (12) (13) - Unified ON/OFF control		•	•	•	•
Building Management System & Standard protocol interfaces – for individual control	**EKMBPP1A** - Modbus interface for monitoring and control		•	•	•	•
	RTD-10 - Modbus interface for infrastructure cooling		•	•	•	•
	RTD-20 - Modbus interface for retail		•	•	•	•
	RTD-HO - Modbus interface for hotel		•	•	•	•
	KLIC-DI_V2 - KNX Interface		•	•	•	•
Building Management System & Standard protocol interfaces – for central control	**DCM601B51** - intelligent Touch Manager		•	•	•	•
	DGE601A51 - Edge adapter for connection to Daikin Cloud Plus		•	•	•	•
	DGE602A51 - Edge lite adapter for connection to Daikin Cloud Plus		•	•	•	•
	EKMBDXB - Modbus interface		•	•	•	•
	DCM010A51 - Daikin PMS interface		•	•	•	•
	DMS502A51 - BACnet Interface		•	•	•	•
	DMS504B51 - LonWorks Interface		•	•	•	•
Filters	Auto cleaning filter		see decoration panel			
	UV Streamer kit (purifies the air of pollutants such as virusses, bacteria, fine dust, odours, allergens, etc ensuring a healthy indoor environment)	UV Streamer kit	BAEF125AWB (22)			
		Replacement filter	BAF55A125			
	High efficiency filter		BAF552AA160 ePM10 60% (26) (BAF552AA160-5: box of 5 filters) (BAF552AA160-10: box of 10 filters)			
	Replacement long life filter, non-woven type		KAF5511D160	KAF441C60	20~40: KAF531C50 50~63: KAF531C80 80~125: KAF531C160	
	Pre-filter					
	Filter chamber					
Wiring and sensors	**KRCS** - External wired temperature sensor		KRCS01-5B	KRCS01-4	KRCS01-4	KRCS01-6B
	K.RSS - External wireless temperature sensor		K.RSS	K.RSS	•	SB. K.RSS_FDA (EKEWTSC-1 + K.RSS)
Adapters	Adapter with 2 output signals (Compressor / Error, Fan output)		KRP1BA58 (2)(7)	KRP1B57 (2)		
	Adapter with 4 output signals (Compressor / Error, Fan, Aux. heater, Humidifier output)		EKRP1C12 (2)(7)	EKRP1B2 (2)	EKRP1B2 (2)	EKRP1C14 (2)
	Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-140Ω (for dedicated indoor)		KRP4A53 (2)(7)	KRP4A53 (2)	KRP4A51 (2)	KRP4A53 (2)
	Adapter for external central monitoring/control (controls 1 entire system)			KRP2A52	KRP2A51 (2)	KRP2A52
	Adapter for keycard and/or window contact connection (2)(11)		BRP7A53	BRP7A53 (2)	BRP7A51	BRP7A51 (2)
	Adapter for multi-tenant applications (24VAC PCB power supply interface)		DTA114A61	DTA114A61	DTA114A61-9	DTA114A61
	External control adapter for outdoor unit (installation on indoor unit)				DTA104A61 (2)	
	Installation box / Mounting plate for adapter PCBs (For units where there is no space in the switchbox)		KRP1H98A (7) KRP1BC101	KRP1BC101	KRP1C96 (16) (17)	KRP1BC101 / KRP4B93
	Wiring kit for Remote ON/OFF or Forced OFF		Standard	Standard	Standard	Standard
	Relay PCB for output signal of refrigerant sensor					
Others	Drain pump kit		Standard	Standard	Standard	Standard
	Multi zoning kit (for detailed model code overview refer to multizoning argue card in this catalogue)					
	Fresh air intake kit (direct installation type)		KDDP55C160-1 + KDDP55D160-2 (7)(8)	KDDQ44XA60		
	Air discharge adapter for round duct					
	L-type piping kit					
	Filter chamber for bottom suction				20~40: KDDFP53B50 50~63: KDDFP53B80 80~125: KDDFP53B160	
	Insulation kit for high humidity					

(1) pump station is necessary for this option
(2) Installation box is necessary for these adapters
(3) The BYCQ140EW has white insulation. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140EW decoration panel in environments exposed to concentrations of dirt"
(4) Not recommended because of the limitation of the functions
(5) To be able to control the BYCQ140EGF(B) the controller BRC1E or BRC1H* is needed
(6) The BYCQ140EGF(B) is not compatible with Multi and Split Non-Inverter Outdoor units
(7) Option not available in combination with BYCQ140EGF(B)
(8) Both parts of the fresh air intake are needed for each unit
(9) Cannot be combined with sensor kit
(10) Independently controllable flaps function not available
(11) Only possible in combination with BRC1H* / BRC1E*
(12) When fixing box is required, use KJB212A, KJB311A or KJB411A depending on the size of the controller
(13) Option KEK26-1A (Noise filter) is required when installing DCS301B51
(14) Wire harnass EKEWTSC is necessary
(15) The active airflow circulation function is not available for this controller.
(16) Up to 2 adaptor PCBs can be installed per installation box
(17) Only one installation box can be installed per indoor unit
(18) VRV R-32 indoor units cannot be connected to this controller

Concealed ceiling units (duct units)				Ceiling suspended units		Wall mounted units	Floor standing units	
Slim	Medium ESP	High ESP		1-way blow	4-way blow		Concealed	Free-standing
FXDQ-A3	FXSQ-A	FXMQ-P7	FXMQ-A	FXHQ-A	FXUQ-A	FXAQ-A	FXNQ-A	FXLQ-P
								20~25: EKRDP25A5 32~40: EKRDP40A5 50~63: EKRDP63A5
					KDBHP49B140 + KDBTP49B140			
BRC4C65	BRC4C65	BRC4C65	BRC4C65	BRC7GA53-9	BRC7C58	BRC7EA629 / BRC7EA628	BRC4C65	BRC4C65
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
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•	•	•	•	•	•	•	•	•
15-32: BAE20A62 40-50: BAE20A82 63: BAE20A102								
			Replacement filter BAFM503A250 (65%) (21) BAFH504A250 (90%) (21)					
			BAFL502A250 (21)	32: KAF501B56 63: KAF501B80 100: KAF501B160	KAF5511D160			20~25: KAF361L28 32~40: KAF361L45 50~63: KAF361L71
			BAFL501A250					
			BDD500B250					
KRCS01-4	KRCS01-4	KRCS01-4	KRCS01-6B	KRCS01-4	KRCS01-4	KRCS01-1	KRSC01-4	KRCS01-1
K.RSS	K.RSS	•	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	•	•	K.RSS + EKEWTSC	•	•
		KRP1C64 (2)	KRP1C65	KRP1B54 (2)				
KRP1B56	EKRP1B2 (2)	EKRP1B2 (2)	EKRP1C14 (2)				KRP1B56	KRP1B61
KRP4A54-9 (2)	KRP4A52 (2)	KRP4A51 (2)	KRP4A51	KRP4A52 (2)	KRP4A53 (2)	KRP4A51 (2)	KRP4A54-9	KRP4A51
KRP2A53 (2)	KRP2A51 (2)	KRP2A51 (2)	KRP2A51	KRP2A62 (2)		KRP2A51 (2)/ KRP2A61(2)	KRP2A53	KRP2A51
BRP7A54	BRP7A51	BRP7A51	BRP7A51	BRP7A52	BRP7A53	BRP7A51 (2)	BRP7A54	BRP7A51
DTA114A61	DTA114A61 (2)	DTA114A61 (2)	DTA114A61	DTA114A61-9	DTA114A61-9	DTA114A61	DTA114A61	EKMTAC
DTA104A53	DTA104A61	DTA104A61 (2)	DTA104A61	DTA104A62-9		DTA104A51 / DTA104A61	DTA104A53	DTA104A61
KRP1BC101	KRP1BC101	KRP4A96		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 40~50: KDAP25A56A 63~80: KDAP25A71A 100~125: KDAP25A140A 140: -	50~80: KDAJ25K71 100~125: KDAJ25K140						
				32: KHFP5N63 63~100: KHFP5N160				
KDT25N32 / KDT25N50 / KDT25N63								

(19) The BYFQ60C4* R-32 panels can be connected to R-410A indoor units with wire harness EKRS22
(20) Wire harness EKRS23 is necessary
(21) Filter chamber needed (BDD500B250)
(22) Only possible in combination with BYCQ140E and BYCQ140EW. Cannot be combined with other filters, chambers, fresh air intake kits or air discharge outlet sealing member kit
(23) Requires demand PCB
(24) Can only be used in combination with wireless room thermostat
(25) If tank is NOT mounted on top of the HXHD unit, then option 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

Hot water

	HXY080-125A8	HXHD125-200A8
Drain pan	EKHBDPCA2	-
Digital I/O PCB	EKRP1HBAA	EKRP1HBAA
Demand PCB - Required to connect room thermostat	EKRP1AHTA	EKRP1AHTA
Remote user interface (remocon) - Same controller as supplied with cascade unit can be mounted parallel or on other location. If 2 controllers are installed, the installer needs to select 1 master & 1 slave	EKRUAHTB	EKRUAHTB
Back-up heater	EKBUHAA6(W1/V3)	-
Wired room thermostat	EKRTWA (23)	EKRTWA (23)
Wireless room thermostat	EKRTR1 (23)	EKRTR1 (23)
Remote sensor for room thermostat	EKRTETS (24)	EKRTETS (23)
Stainless domestic hot water tank - 200l	-	EKHTS200AC (25)
Stainless domestic hot water tank - 260l	-	EKHTS260AC (25)
PP domestic hot water tank - 300l	-	EKHWP300B
PP domestic hot water tank - 500l	-	EKHWP500B
Solar collector	-	EKSV26P (vertical) EKSH26P (horizontal)
Pump station	-	EKSRPS

Options - Ventilation

		Energy recovery ventilation - VAM								
		VAM 150FC9	**VAM 250FC9**	**VAM 350J8**	**VAM 500J8**	**VAM 650J8**	**VAM 800J8**	**VAM 1000J8**	**VAM 1500J8**	**VAM 2000J8**
Individual control systems	**BRC301B61** VAM wired remote control	•	•	•	•	•	•	•	•	•
	Madoka **BRC1H52W7** (White) / **BRC1H52S7** (Silver) / **BRC1H52K7** (Black) User-friendly wired remote controller with premium design	•	•	•	•	•	•	•	•	•
	BRC1E53A/B/C Wired remote control with full-text interface and back-light	•	•	•	•	•	•	•	•	•
	BRC1D52 Standard wired remote control with weekly timer	•	•	•	•	•	•	•	•	•
Centralised control systems	**DCC601A51** intelligent Tablet Controller	•	•	•	•	•	•	•	•	•
	DCS601C51 intelligent Touch Controller	•	•	•	•	•	•	•	•	•
	DCS302C51 Central remote control	•	•	•	•	•	•	•	•	•
	DCS301B51 Unified ON/OFF control	•	•	•	•	•	•	•	•	•
Building Management System & Standard protocol interface	**DCM601A51** intelligent Touch Manager	•	•	•	•	•	•	•	•	•
	DGE601A51 Edge adapter for connection to Daikin Cloud Plus	•	•	•	•	•	•	•	•	•
	DGE602A51 Edge lite adapter for connection to Daikin Cloud Plus	•	•	•	•	•	•	•	•	•
	EKMBDXB Modbus interface	•	•	•	•	•	•	•	•	•
	DMS502A51 BACnet Interface	•	•	•	•	•	•	•	•	•
	DMS504B51 LonWorks Interface	•	•	•	•	•	•	•	•	•
Filters	Coarse 55% (G4)									
	ePM10 75% (M5)									
	ePM10 70% (M6)			EKAFVJ50F6	EKAFVJ50F6	EKAFVJ65F6	EKAFVJ100F6	EKAFVJ100F6	EKAFVJ100F6 x2	EKAFVJ100F6 x2
	ePM1 50% (F7)									
	ePM1 60% (F7)			EKAFVJ50F7	EKAFVJ50F7	EKAFVJ65F7	EKAFVJ100F7	EKAFVJ100F7	EKAFVJ100F7 x2	EKAFVJ100F7 x2
	ePM1 70% (F8)			EKAFVJ50F8	EKAFVJ50F8	EKAFVJ65F8	EKAFVJ100F8	EKAFVJ100F8	EKAFVJ100F8 x2	EKAFVJ100F8 x2
	ePM1 80% (F9)									
	High efficiency filter									
	Replacement air filter									
Mechanical accessories	Rail									
	Rectangular to round duct transition									
	Separate plenum								EKPLEN200 (5)	EKPLEN200 (5)
CO_2 sensor				BRYMA65	BRYMA65	BRYMA65	BRYMA100	BRYMA100	BRYMA200	BRYMA200
Electrical heater for pre treatment of fresh air		GSIEKA10009	GSIEKA15018	GSIEKA20024	GSIEKA20024	GSIEKA25030	GSIEKA25030	GSIEKA25030	GSIEKA35530 (6)	
DX coil for post treatment of fresh air					EKVDX32A	EKVDX50A	EKVDX50A	EKVDX80A	EKVDX100A	EKVDX100A
Silencer (900mm depth)										
Electrical accessories	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)
	Adapter PCB for humidifier									
	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)
	External wired temperature sensor									
	Adapter PCB Mounting plate	EKMP25VAM	EKMP25VAM			EKMP65VAM			EKMPVAM	
	Installation box for adaptor PCB	KRP1BA101	KRP1BA101	KRP1BA101	KRP1BA101	KRP1BA101	KRP1BA101	KRP1BA101	KRP1BA101	KRP1BA101

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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•	•	•	
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

Options - Ventilation

Accessories	Compact L Pro						Compact T Pro				
	ALB02LCM ALB02RCM	**ALB03LCM ALB03RCM**	**ALB04LCM ALB04RCM**	**ALB05LCM ALB05RCM**	**ALB06LCM ALB06RCM**	**ALB07LCM ALB07RCM**	**ATB03RBM ATB03LBM**	**ATB04RBM ATB04LBM**	**ATB05RBM ATB05LBM**	**ATB06RBM ATB06LBM**	**ATB07RBM ATB07LBM**
Iso Coarse 55% (G4) Filter	ALF02G4A	ALF03G4A	ALF05G4A		ALF07G4A		ATF03G4A	ATF04G4A	ATF05G4A	ATF06G4A	ATF07G4A
ePM10 75% (M5) Filter	ALF02M5A	ALF03M5A	ALF05M5A		ALF07M5A		ATF03M5A	ATF04M5A	ATF05M5A	ATF06M5A	ATF07M5A
ePM1 50% (F7) Filter	ALF02F7A	ALF03F7A	ALF05F7A		ALF07F7A		ATF03F7A	ATF04F7A	ATF05F7A	ATF06F7A	ATF07F7A
ePM1 80% (F9) Filter	ALF02F9A	ALF03F9A	ALF05F9A		ALF07F9A		ATF03F9A	ATF04F9A	ATF05F9A	ATF06F9A	ATF07F9A
Sound attenuator	ALS0290A	ALS0390A	ALS0590A		ALS0790A		ATS0360A	ATS0460A	ATS0560A	ATS0660A	ATS0760A
Rails for door	ALA02RLA	ALA03RLA	ALA05RLA		ALA07RLA						
Duct transition	ALA02RCA	ALA03RCA	ALA05RCA		ALA07RCA						
Flexible joints	ALA02FXB	ALA03FXB	ALA05FXB		ALA07FXB						
Mixing damper									ATA05MDA	ATA06MDA	ATA07MDA
External damper	ALA02EDA	ALA03EDA	ALA05EDA		ALA07EDA		ATA03EDA	ATA04EDA	ATA05EDA	ATA06EDA	ATA07EDA
Electric pre heater [1]	ALD02HEFA	ALD03HEFA	ALD05HEFA		ALD07HEFA		ATD03HEFAU	ATD04HEFAU	ATD05HEFAU	ATD06HEFAU	ATD07HEFAU
Electric post heater [1]	ALD02HESA	ALD03HESA	ALD05HESA		ALD07HESA		ATD03HESAU	ATD04HESAU	ATD05HESAU	ATD06HESAU	ATD07HESAU
DX coil [2]			ALD05CDSA		ALD07CDSA		ATD03UDSAR	ATD04UDSAR	ATD05UDSAR	ATD06UDSAR	ATD07UDSAR
							ATD03UDSAL	ATD04UDSAL	ATD05UDSAL	ATD06UDSAL	ATD07UDSAL
								ATD04UDSBL	ATD05UDSBL	ATD06UDSBL	ATD07UDSBL
								ATD04UDSBR	ATD05UDSBR	ATD06UDSBR	ATD07UDSBR
WATER coil [2]	ALD02CWSA	ALD03CWSA	ALD05CWSA		ALD07CWSA		ATD03UWSAR	ATD04UWSAR	ATD05UWSAR	ATD06UWSAR	ATD07UWSAR
							ATD03UWSAL	ATD04UWSAL	ATD05UWSAL	ATD06UWSAL	ATD07UWSAL
Water pre heating coil	ALD02HWUA	ALD03HWUA	ALD05HWUA		ALD07HWUA		ATD03HWFAU	ATD04HWFAU	ATD05HWFAU	ATD06HWFAU	ATD07HWFAU
Water post heating coil [2]	ALD02HWUA	ALD03HWUA	ALD05HWUA		ALD07HWUA		ATD03HWSAR	ATD04HWSAR	ATD05HWSAR	ATD06HWSAR	ATD07HWSAR
							ATD03HWSAL	ATD04HWSAL	ATD05HWSAL	ATD06HWSAL	ATD07HWSAL
Droplet Eliminator	ALA02DEA	ALA03DEA	ALA05DEA		ALA07DEA						
Water valve 2 way cooling/heating	ALV02CW2A	ALV03CW2A	ALV05CW2A		ALV07CW2A		ATV03CW2A	ATV04CW2A	ATV05CW2A	ATV06CW2A	ATV07CW2A
Water valve 3 way cooling/heating	ALV02CW3A	ALV03CW3A	ALV05CW3A		ALV07CW3A		ATV03CW3A	ATV04CW3A	ATV05CW3A	ATV06CW3A	ATV07CW3A
Valve modulating actuator	ATE00AMVA										
Damper modulating actuator	ATE00AMDA										
Digital PCB							ATE00DPUA				
Spring return modulating actuator	AUE00ASUA										
Frost switch	ALE00FSUA						ATE00FSUA				
CO_2 sensor	ALP00COA										
Humidity sensor	ALP00HUA										
Temperature probe	ALP00TEA										
Pressure transducer	AUE00PTUA										
Room Interface	ALC00822A (POL 822)										
Commissioning module	ALC00895A (POL 895)										
Modbus RTU module	ALC00902A (POL 902)										
Bacnet IP module	ALC00908A (POL 908)										
Expansion module	ALC00955A										
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*UDSBR
ATB0*RBM --> ATB0*UWSAR
ATB0*RBM --> ATB0*HWSAR
ATB0*LBM --> ATB0*UDSAL
ATB0*LBM --> ATB0*UDSBL
ATB0*LBM --> ATB0*UWSAL
ATB0*LBM --> ATB0*HWSAL

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

Compact L Smart						Compact T Smart				
ALB02LCS ALB02RCS	**ALB03LCS ALB03RCS**	**ALB04LCS ALB04RCS**	**ALB05LCS ALB05RCS**	**ALB06LCS ALB06RCS**	**ALB07LCS ALB07RCS**	**ATB03RBS ATB03LBS**	**ATB04RBS ATB04LBS**	**ATB05RBS ATB05LBS**	**ATB06RBS ATB06LBS**	**ATB07RBS ATB07LBS**
ALF02G4A	ALF03G4A	ALF05G4A		ALF07G4A		ATF03G4A	ATF04G4A	ATF05G4A	ATF06G4A	ATF07G4A
ALF02M5A	ALF03M5A	ALF05M5A		ALF07M5A		ATF03M5A	ATF04M5A	ATF05M5A	ATF06M5A	ATF07M5A
ALF02F7A	ALF03F7A	ALF05F7A		ALF07F7A		ATF03F7A	ATF04F7A	ATF05F7A	ATF06F7A	ATF07F7A
ALF02F9A	ALF03F9A	ALF05F9A		ALF07F9A		ATF03F9A	ATF04F9A	ATF05F9A	ATF06F9A	ATF07F9A
ALS0290A	ALS0390A	ALS0590A		ALS0790A		ATS0360A	ATS0460A	ATS0560A	ATS0660A	ATS0760A
ALA02RLA	ALA03RLA	ALA05RLA		ALA07RLA						
ALA02RCA	ALA03RCA	ALA05RCA		ALA07RCA						
ALA02FXB	ALA03FXB	ALA05FXB		ALA07FXB						
ALD02HEFB	ALD03HEFB	ALD05HEFB		ALD07HEFB		ATD03HEFBU	ATD04HEFBU	ATD05HEFBU	ATD06HEFBU	ATD07HEFBU
BRYMA200										
BRC301B61 / BRC1H52W7 / BRC1H52S7 / BRC1H52K7 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52										
EKMBDXB										
DMS502A51										
DMS504B51										
DCM601A51										
DCC6011A51										
DCC6011C51										
DCS302C51										
DCS301B51										

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 Tablet 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	•
iTM PPD software – Allows distribution of used kWh by indoor units connected to the iTM	DCM002A51	•
iTM HTTP interface - Allows communication to any third party controller via http interface	DCM007A51	•
iTM Energy navigator – Energy management option	DCM008A51	•
iTM BACnet Client option – Enables integration of third party devices to the iTM via the BACnet/IP 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

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/0 modules

I/0 module type	Model code	Specifications	N° of contacts
Di	750-400	No-voltage contact input Contact rating: 24 V DC / 4.5 mA"	2
	750-432		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
	750-504	No-voltage contact output Contact rating: 24 V DC / 0.5 A	4
Ai	750-454	Rated at 4 to 20 mA: 12-bit resolution	2
	750-455		4
	750-479	Rated at –10 to 10 V: 13-bit resolution	2
	750-459	Rated at 0 to 10 V: 12-bit resolution	4
Ao	750-554	Rated at 4 to 20 mA: 12-bit resolution	2
	750-555		4
	750-560	Rated at –10 to 10 V: 10-bit resolution	2
	750-559	Rated at 0 to 10 V: 12-bit resolution	4
Thermistor	750-461/020-000	NTC20K thermistor	2
	750-461	Pt 100/RTD	2
	750-460		4
	750-461/000-003	Pt 1000/RTD	2
	750-460/000-003		4
	50-461/000-004	Ni 100/RTD	2
	750-461/000-005	Ni1000 TK6180/RTD	2
	750-460/000-005		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.

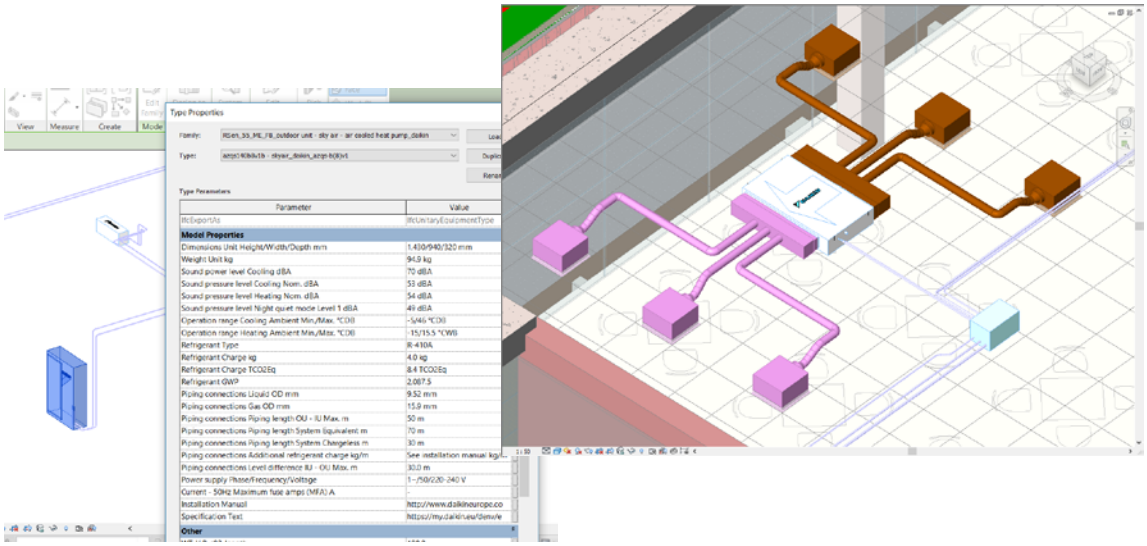
We’re here to help you!
Online and offline

Online and offline VRV selection software



Business portal via mobile or desktop

my.daikin.eu



Full BIM object library available

bim.daikin.eu

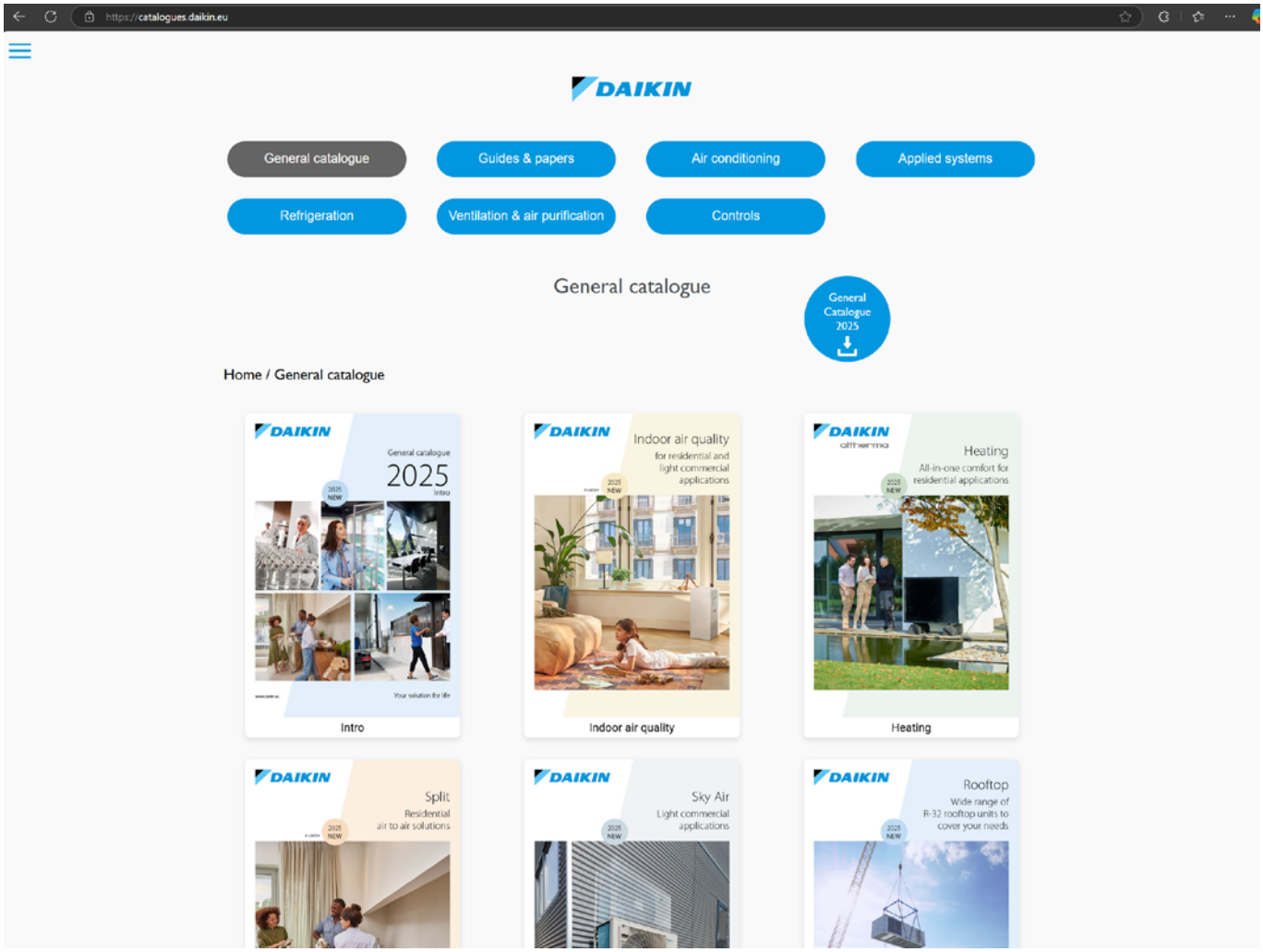
Tools
& platforms

Supporting tools, software and apps 164

30 years of history 168

All our commercial catalogues in one spot!

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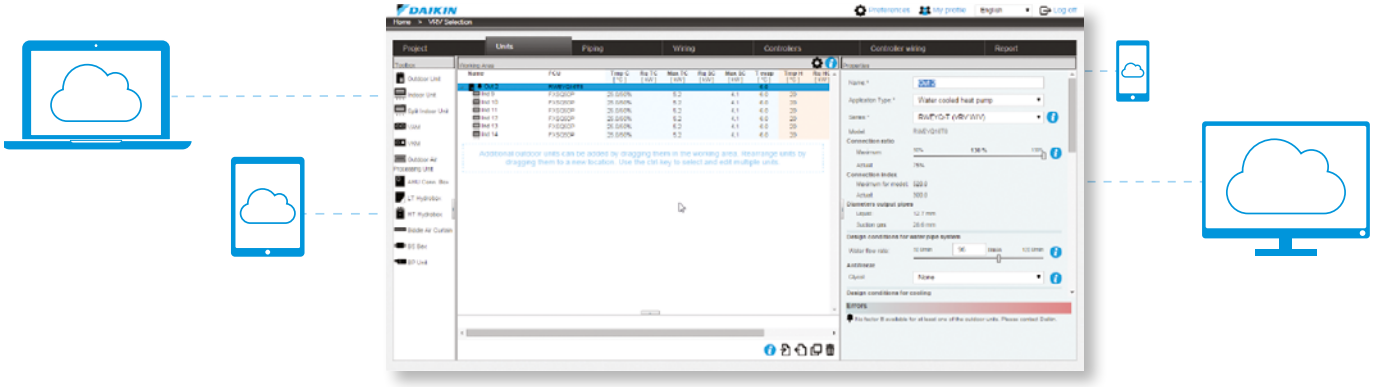
Supporting tools, software and apps

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) independent
- 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

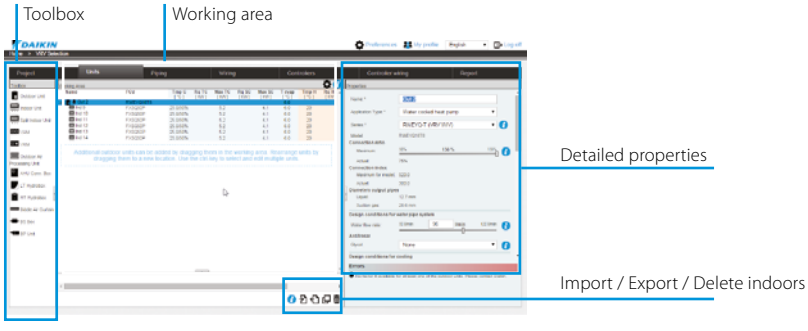


Easy selection, anytime, anywhere

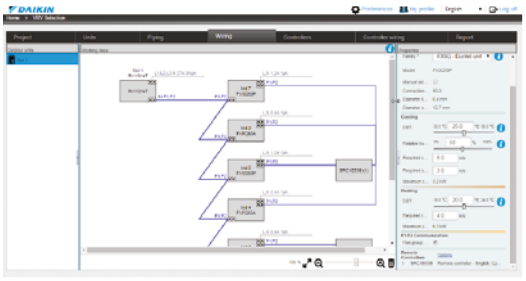
Main functions



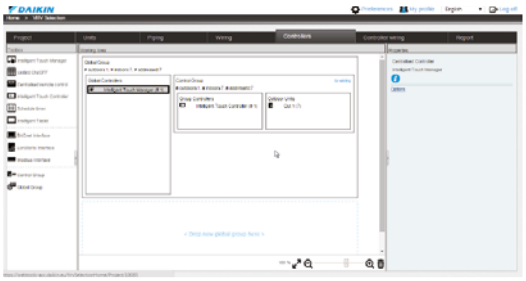
Easy editing of piping



Intuitive interface



Clear wiring overview, easy to make control groups



Clear overview of control groups and central controls

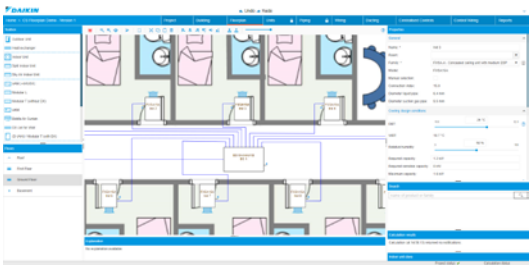
Integrated features

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!

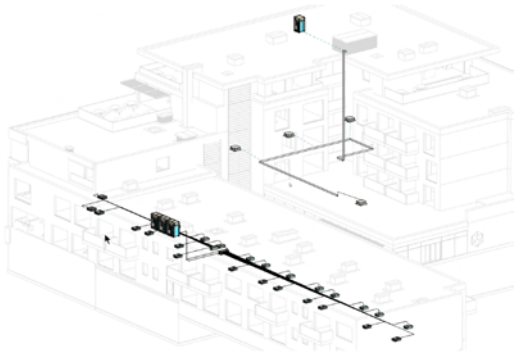
- Accurate pipe design
- Work faster
- Easy compliance check



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



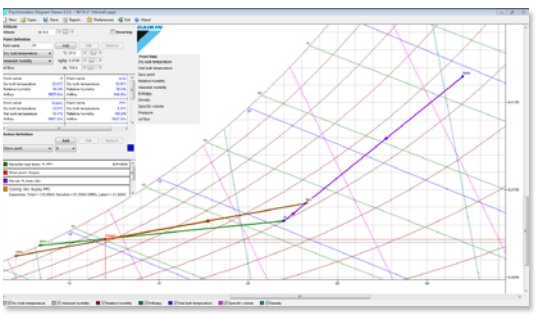
VRV Xpress integrates seamlessly with our ventilation selection softwares

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

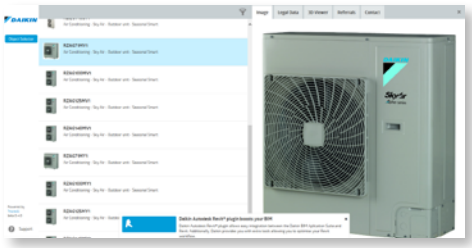




Plugins and third-party software tools

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

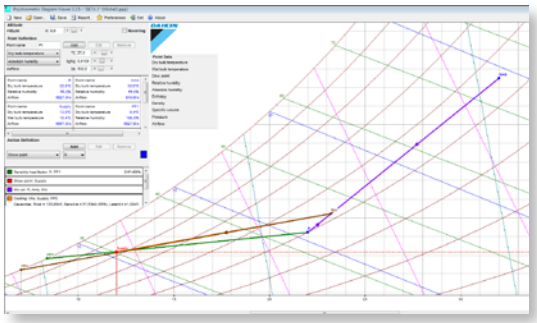
Seasonal simulator

- 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, CO_2 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.



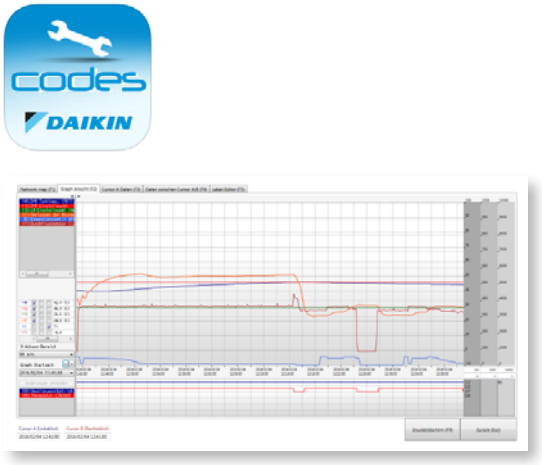
Software service tools

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



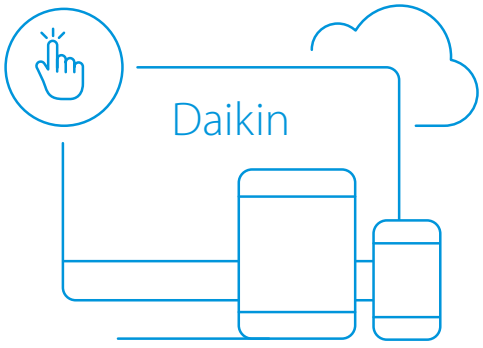
Diagnosis of the Bluetooth system possible:



Online support

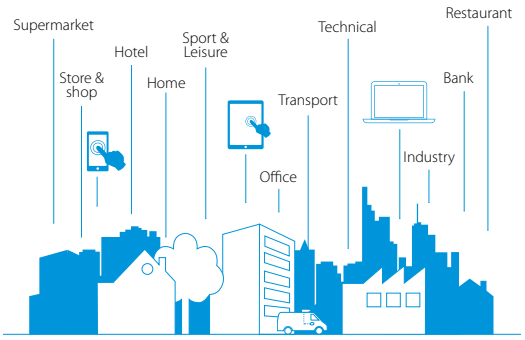
Business portal
- Experience our new extranet that thinks with you at my.daikin.eu
- Find information in seconds via a powerful search
- Customise the options so you see only info relevant for you
- Access via mobile device or desktop

my.daikin.eu



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 connected to 1 outdoor unit



1998

Launch inverter series with R-407C

- Up to 16 indoor units connected to 1 outdoor unit



2004

Expand to light commercial sector with VRVII-S

- 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

1987 | 1991 | 1998 | 2003 | 2004 | 2005 | 2006-2007 | 2008 | 2010

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



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







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 S-series

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

2015

Launch of VRV IV i-series

- The invisible VRV
- Unique product concept



BLUEVOLUTION R-32



2020

VRV 5 S-series

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

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

2011 2012 2015 2019 2020 2022 2023 2024 2025

2012-2014

Setting new standards with the launch of VRV IV

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

Variable Refrigerant Temperature



2019

Launch of L∞P by Daikin

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

LOOP BY DAIKIN

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

CO_2 VRV Heat Pump

- Using HFC free refrigerant CO_2 (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



Technical drawings
Outdoor units

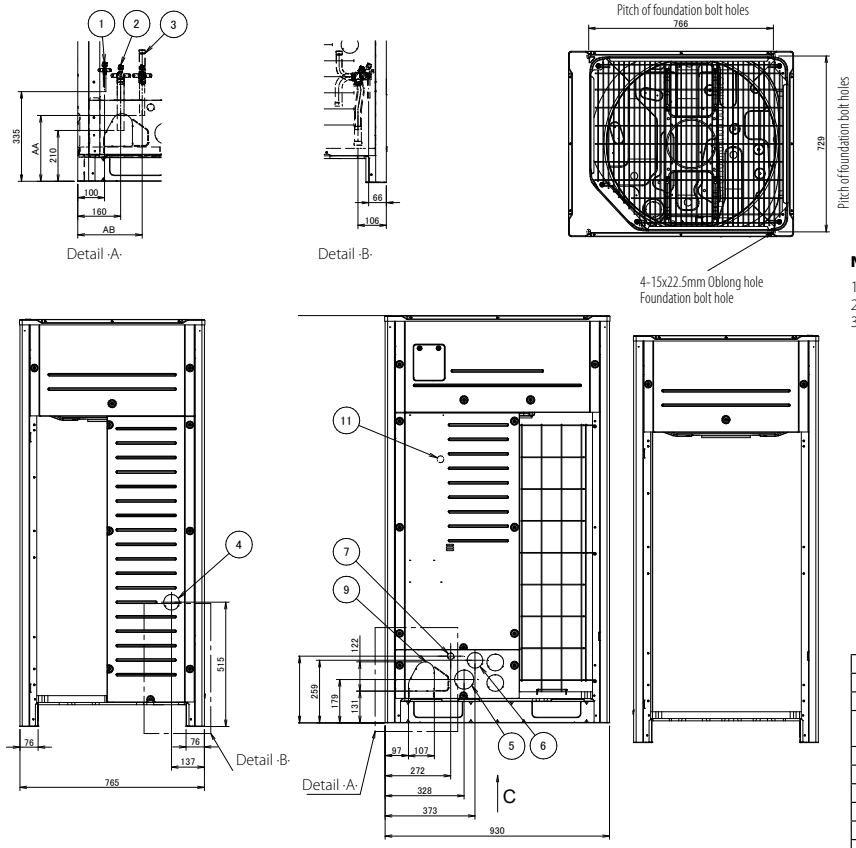
VRV 5 - R-32

- REYA-A9 / REMA-A9 173
- BS-A14AV1B9 175
- RXYA-A 178
- RXYSA-AV1/AY1/A 180
- SV-A 186

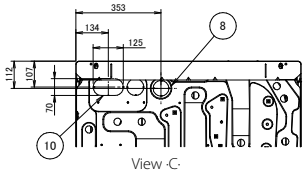
CO_2 VRV - R-744

- RXYN-B 188

REYA8-12A9 / REMA5A9



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



NOTES

1. Detail ·A· and detail ·B· indicate the dimensions after fixing the attached piping.
2. Items ·4 - 10: Knockout hole.
3. **Gas pipe**
   - REMA5A9, REYA8-10A9, RYYQ8U, RYMQ8U, RXYQ8U, RXYQQ8U, RXYTQ8U : Ø ·19.1· brazing connection
   - REYA12A9, RYYQ10U, RYMQ10U, RXYQ10U, RXYQQ10U : Ø ·22.2· brazing connection
   - REMQ5U, REYQ8-12U : Ø ·25.4· brazing connection
   - RYYQ12U, RYMQ12U, RXYQ12U, RXYQQ12U : Ø ·28.6· brazing connection

   Liquid pipe
   - REMA5A9, REYA8-10A9, RYYQ8-10U, RYMQ8-10U, RXYQ8-10U, RXYQQ8-10U, REMQ5U, REYQ8-12U, RXYTQ8U : Ø ·9.5· brazing connection
   - REYA12A9, RYYQ12U, RYMQ12U, RXYQ12U, RXYQQ12U : Ø ·12.7· brazing connection

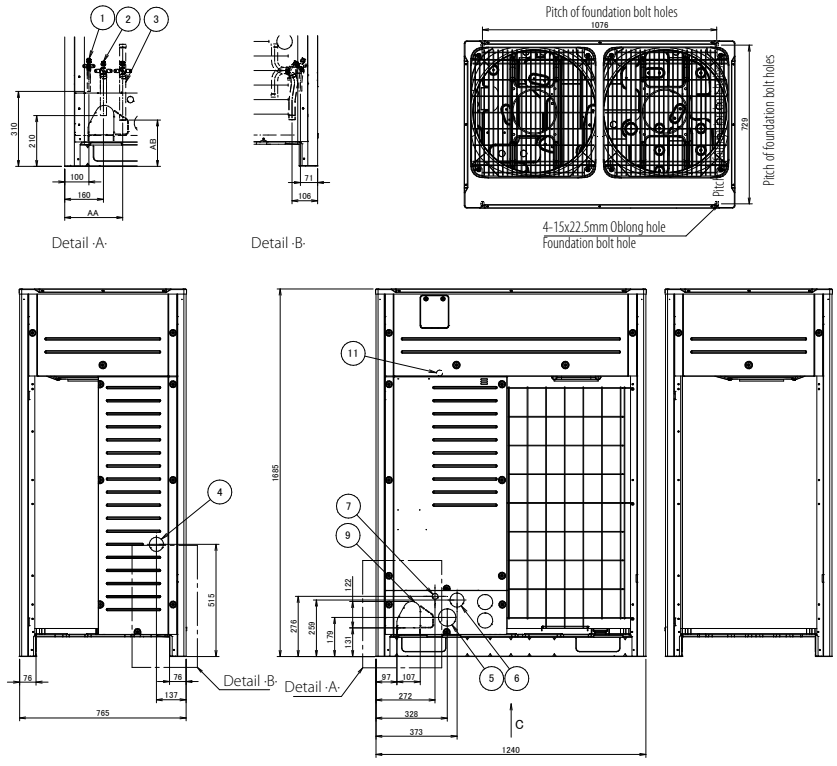
   Equalising pipe
   - RYMQ8-10U : Ø ·19.1· brazing connection
   - RYMQ12U : Ø ·22.2· brazing connection

   High pressure/low pressure gas pipe
   - REMA5A9, REYA8-10A9 : Ø ·15.9· brazing connection
   - REYA12A9, REMQ5U, REYQ8-12U : Ø ·19.1· brazing connection

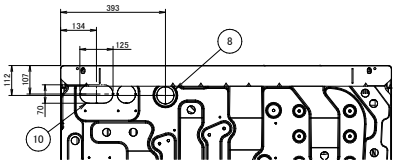
No.	Parts name	Remarks
1	Liquid pipe connection port	See note ·3·.
2	Gas pipe connection port	See note ·3·.
3	Equalising pipe connection port High pressure/low pressure gas pipe	See note ·3·.
4	Power cord routing hole (side)	Ø 65
5	Power cord routing hole (front)	Ø 80
6	Power cord routing hole (front)	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·)

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REYA14-20A9



Model	AA	AB
RXYQ14-20U, RYYQ14-20U, RXYQQ14-20U, RXYTQ10-16U	-	-
RYMQ14-16U, REYQ14-20U, REYA14-20A9	240	240
RYMQ18-20U	240	192



NOTES

1. Detail ·A· and detail ·B· indicate the dimensions after fixing the attached piping.
2. Items ·4 - 10: Knockout hole.
3. **Gas pipe**
   - REYA14-18A9, RXYTQ10U : Ø ·22.2· brazing connection
   - REYQ14-20U : Ø ·25.4· brazing connection
   - REYA20A, RYYQ14-20U, RYMQ14-20U, RXYQ14-20U, RXYQQ14-20U, RXYTQ12-16U : Ø ·28.6· brazing connection

   Liquid pipe
   - RXYTQ10U : Ø ·9.5· brazing connection
   - REYA14-20A9, RYYQ14-16U, RYMQ14-16U, RXYQ14-16U, RXYQQ14-16U, REYQ14-20U, RXYTQ12-16U : Ø ·12.7· brazing connection
   - RYYQ18-20U, RYMQ18-20U, RXYQ18-20U, RXYQQ18-20U : Ø ·15.9· brazing connection

   Equalising pipe
   - RYMQ14-16U : Ø ·22.2· brazing connection
   - RYMQ18-20U : Ø ·28.6· brazing connection

   High pressure/low pressure gas pipe
   - REYA14-18A9, REYQ14-20U : Ø ·19.1· brazing connection
   - REYA20A9 : Ø ·22.2· 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·)

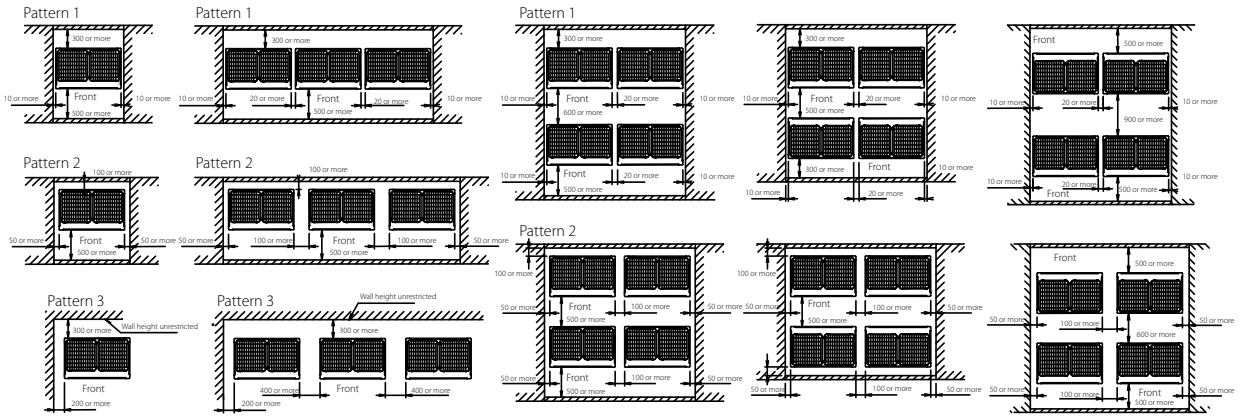
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Click here to view all REMA-A9 technical drawings on my.daikin.eu

REYA-A9 / REMA-A9

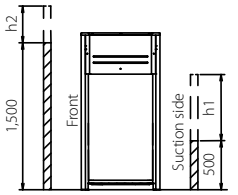
For single unit installation | For installation in rows | For centralised group layout



< Unit: mm >

NOTES

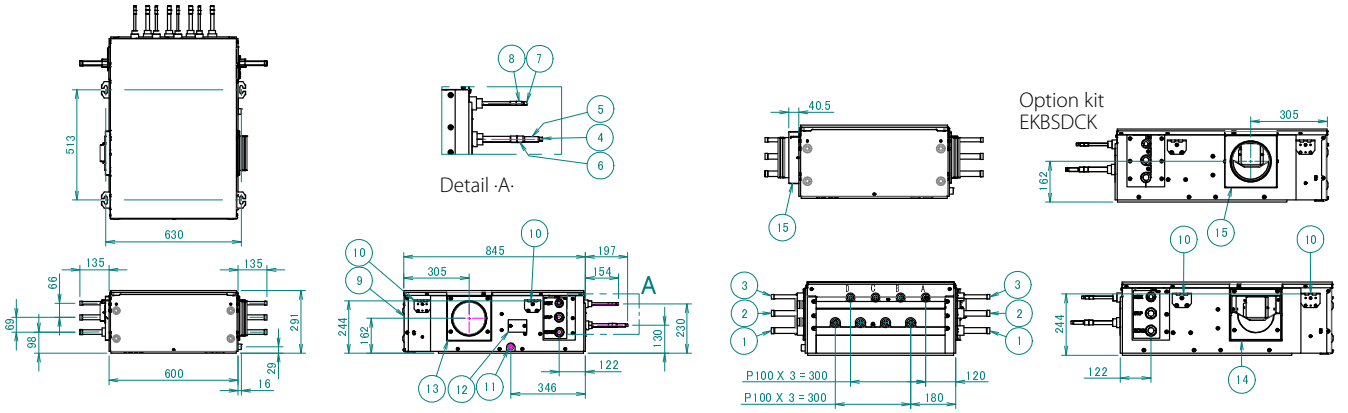
1. Height of the walls in case of patterns 1 and 2:
   Front: 1,500mm
   Suction side: 500mm
   Side: height unrestricted
   The installation space shown on this drawing is based on cooling operation at 35°C (outdoor temperature).
   When the design outdoor ambient temperature exceeds 35°C or the load 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.



< Unit: mm >

3D118467A

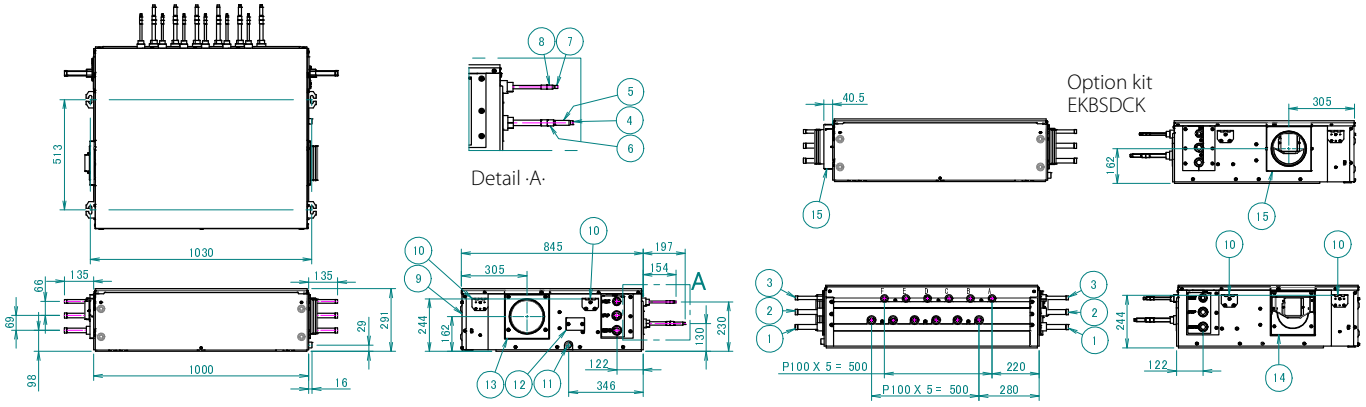
BS4A14AV1B9



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

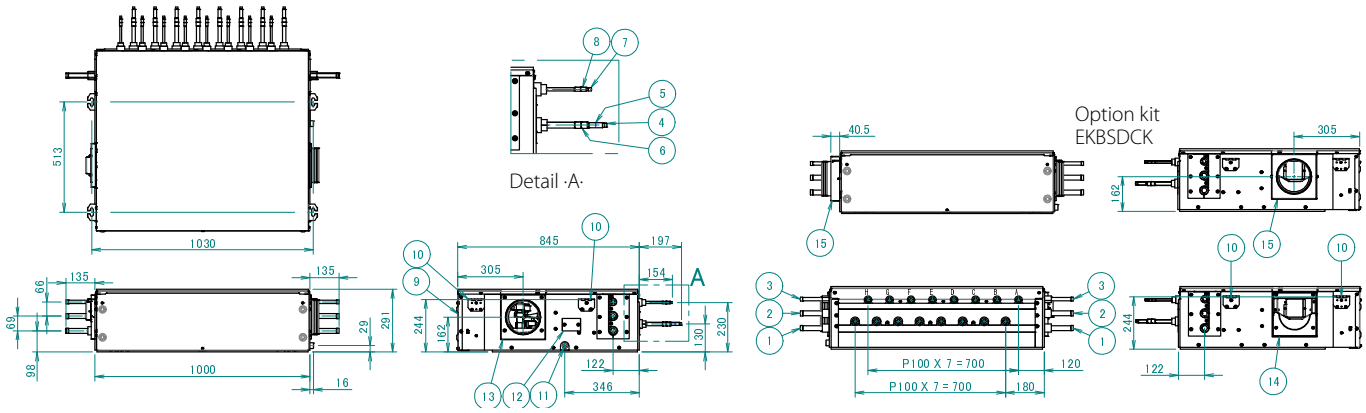


Item	Name	Description
1	Outdoor unit suction gas pipe connection port	Ø·22.2· brazing connection
2	Outdoor unit HP/LP gas pipe connection port	Ø·22.2· brazing connection
3	Outdoor unit liquid pipe connection port	Ø·15.9· brazing connection
4	Indoor unit gas pipe connection port	Ø·9.52· brazing connection
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·

3D139836

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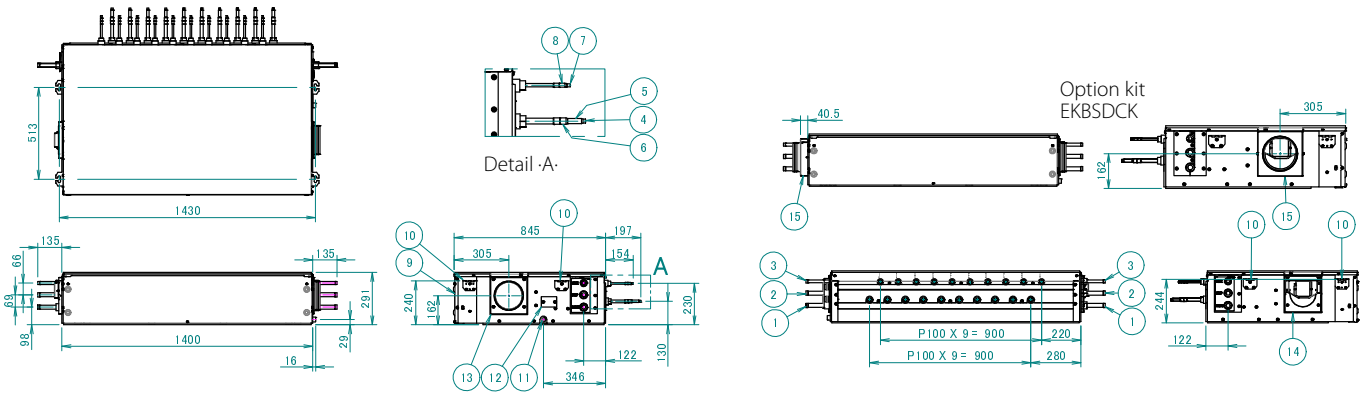
BS8A14AV1B9



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

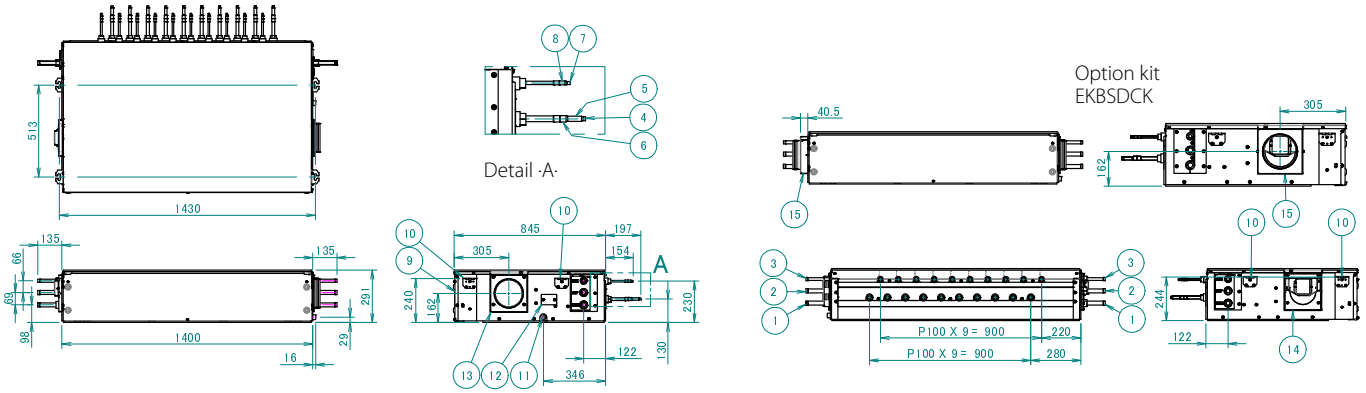
BS10A14AV1B9



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

BS4A14AV1B9



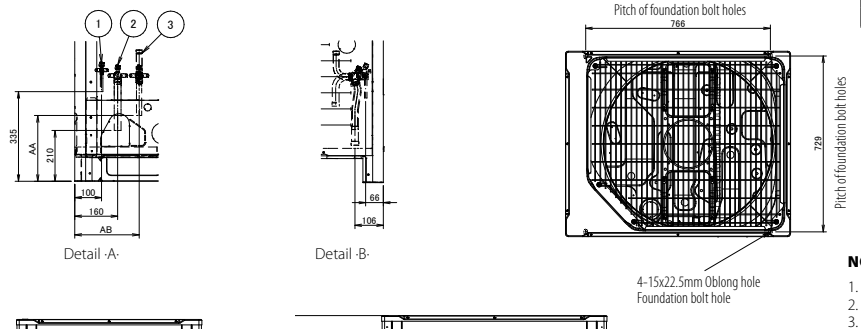
Item	Name	Description
1	Outdoor unit suction gas pipe connection port	Ø·22.2· brazing connection
2	Outdoor unit HP/LP gas pipe connection port	Ø·22.2· brazing connection
3	Outdoor unit liquid pipe connection port	Ø·15.9· brazing connection
4	Indoor unit gas pipe connection port	Ø·9.52· brazing connection
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·

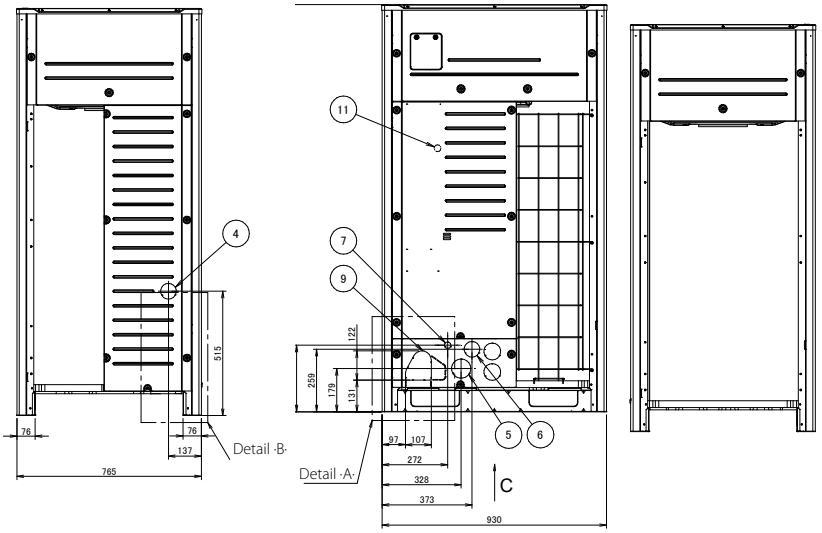
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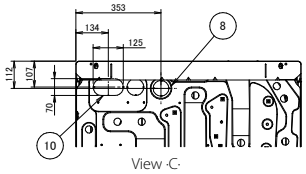
Click here to view all RXMA-A technical drawings on my.daikin.eu

RXYA8-12A / RXYM5A





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



NOTES

1. Detail ·A· and detail ·B· indicate the dimensions after fixing the attached piping.
2. Items ·4 - 10: Knockout hole.
3. **Gas pipe**
   - REMA5A, REYA8-10A, RYYQ8U, RYMQ8U, RXYQ8U, RXYQQ8U, RXYTQ8U : Ø ·19.1· brazing connection
   - REYA12A, RYYQ10U, RYMQ10U, RXYQ10U, RXYQQ10U : Ø ·22.2· brazing connection
   - REMQ5U, REYQ8-12U : Ø ·25.4· brazing connection
   - RYYQ12U, RYMQ12U, RXYQ12U, RXYQQ12U : Ø ·28.6· brazing connection

   Liquid pipe
   - REMA5A, REYA8-10A, RYYQ8-10U, RYMQ8-10U, RXYQ8-10U, RXYQQ8-10U, REMQ5U, REYQ8-12U, RXYTQ8U : Ø ·9.5· brazing connection
   - REYA12A, RYYQ12U, RYMQ12U, RXYQ12U, RXYQQ12U : Ø ·12.7· brazing connection

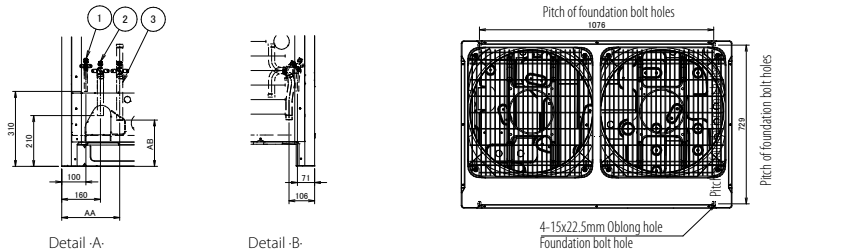
   Equalising pipe
   - RYMQ8-10U : Ø ·19.1· brazing connection
   - RYMQ12U : Ø ·22.2· brazing connection

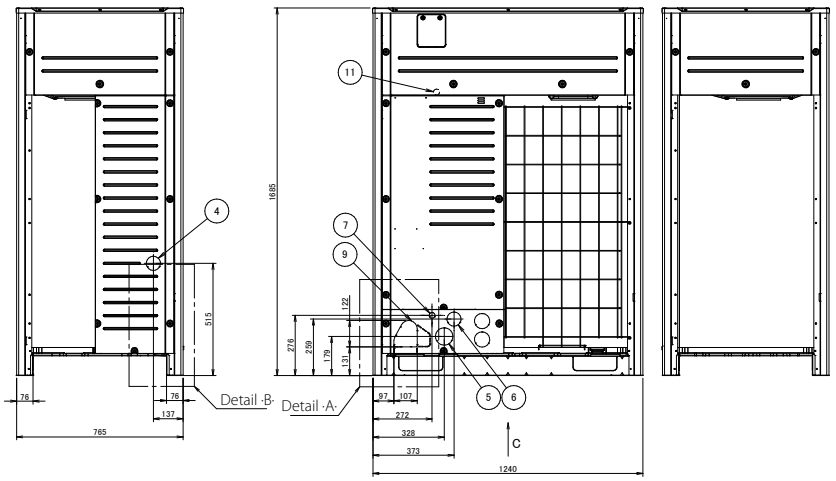
   High pressure/low pressure gas pipe
   - REMA5A, REYA8-10A : Ø ·15.9· brazing connection
   - REYA12A, REMQ5U, REYQ8-12U : Ø ·19.1· brazing connection

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·)

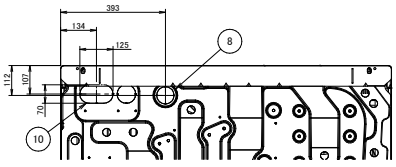
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RXYA14-20A





Model	AA	AB
RXYQ14-20U, RYYQ14-20U, RXYQQ14-20U, RXYTQ10-16U	-	-
RYMQ14-16U, REYQ14-20U, REYA14-20A	240	240
RYMQ18-20U	240	192



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, RXYQ14-20U, RXYQQ14-20U, RXYTQ12-16U : Ø ·28.6· brazing connection

   Liquid pipe
   - RXYTQ10U : Ø ·9.5· brazing connection
   - REYA14-20A, RYYQ14-16U, RYMQ14-16U, RXYQ14-16U, RXYQQ14-16U, REYQ14-20U, RXYTQ12-16U : Ø ·12.7· brazing connection
   - RYYQ18-20U, RYMQ18-20U, RXYQ18-20U, RXYQQ18-20U : Ø ·15.9· brazing connection

   Equalising pipe
   - RYMQ14-16U : Ø ·22.2· brazing connection
   - RYMQ18-20U : Ø ·28.6· brazing connection

   High pressure/low pressure gas pipe
   - REYA14-18A, REYQ14-20U : Ø ·19.1· brazing connection
   - REYA20A : Ø ·22.2· 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·)

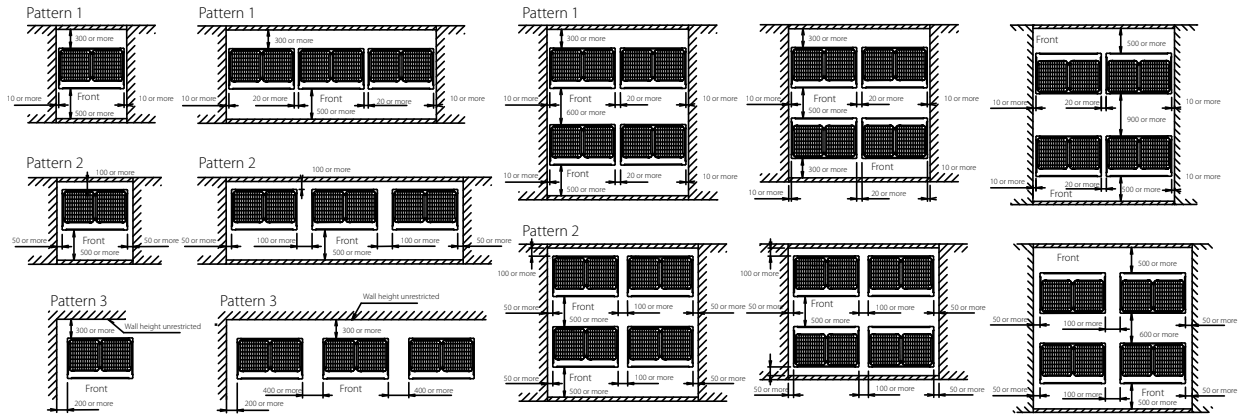
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RXYA-A / RXYM5A

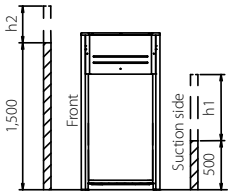
For single unit installation | For installation in rows | For centralised group layout



< Unit: mm >

NOTES

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



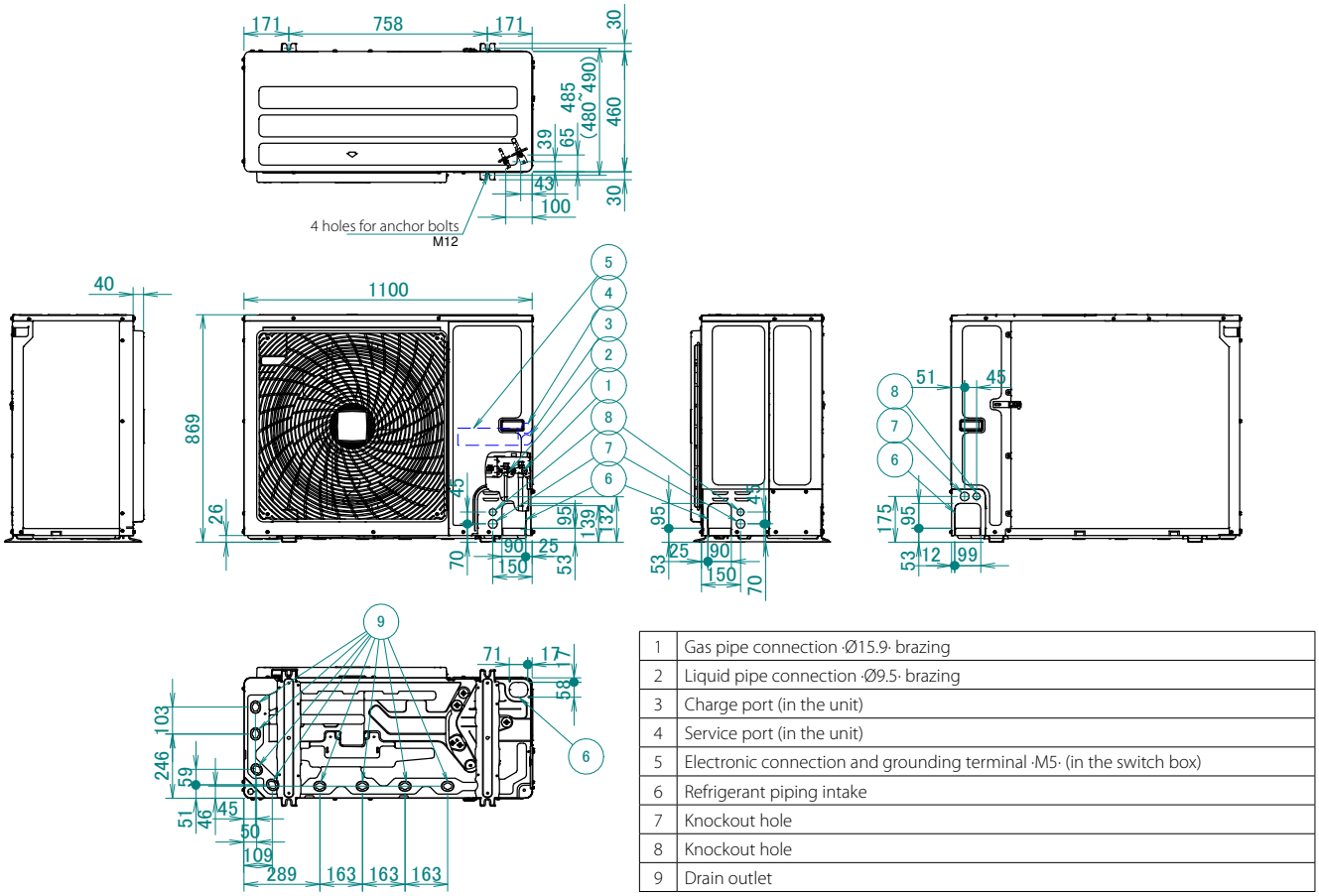
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RXYSA-AV1/AY1



1	Gas pipe connection ·Ø15.9· brazing
2	Liquid pipe connection ·Ø9.5· brazing
3	Charge port (in the unit)
4	Service port (in the unit)
5	Electronic connection and grounding terminal ·M5· (in the switch box)
6	Refrigerant piping intake
7	Knockout hole
8	Knockout hole
9	Drain outlet

3D127871A

RXYSA-AV1/AY1

Single unit (■) | Single row of units (■■■)

Suction side

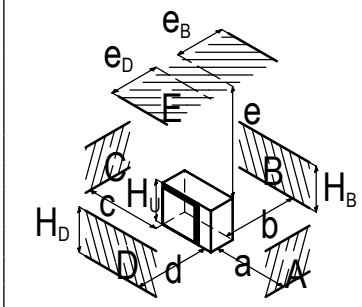
In the illustration below, the service space at the suction side is based on 35°C DB and cooling operation. Foresee more space in the following cases:

- 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.

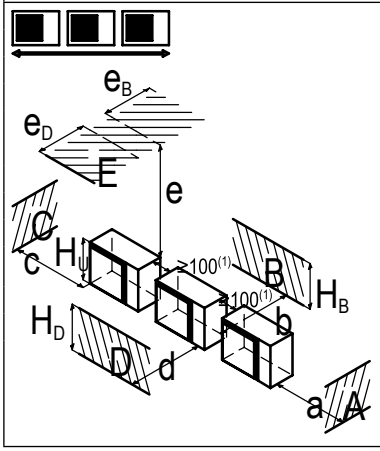
Discharge side

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 (■■■)



A~E	Hb Hd Hu		(mm) a	b	c	d	e	eB	eD	
B	-			≥ 100						
A,B,C	-		≥ 100(1)	≥ 100	≥ 100					
B,E	-			≥ 100			≥ 1,000		≤500	
A,B,C,E	-		≥ 150(1)	≥ 150	≥ 150		≥ 1,000		≤500	
D	-					≥ 500				
D,E	-					≥ 500	≥ 1,000	≤500		
B,D	Hd>Hu			≥ 100		≥ 500				
	Hd≤Hu			≥ 100		≥ 500				
B,D,E	Hd>Hu	Hb≤½Hu		≥ 250		≥ 750	≥ 1,000	≤500		1
		½Hu>Hb≤Hu		≥ 250		≥ 1,000	≥ 1,000	≤500		
		Hb>Hu	⊘							
	Hd≤Hu	Hd≤½Hu		≥ 100		≥ 1,000	≥ 1,000		≤500	
		½Hu<Hd≤Hu		≥ 200		≥ 1,000	≥ 1,000		≤500	
		Hd>Hu	⊘							



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		
B,D	Hd>Hu			≥ 300		≥ 1,000				
	Hd≤Hu	Hd≤½Hu		≥ 250		≥ 1,500				
		½Hu<Hd≤Hu		≥ 300		≥ 1,500				
B,D,E	Hd>Hu	Hb≤½Hu		≥ 300		≥ 1,000	≥ 1,000	≤500		1+2
		½Hu<Hb≤Hu		≥ 300		≥ 1,250	≥ 1,000	≤500		
		Hb>Hu	⊘							
	Hd≤Hu	Hd≤½Hu		≥ 250		≥ 1,500	≥ 1,000		≤500	
		½Hu<Hd≤Hu		≥ 300		≥ 1,500	≥ 1,000		≤500	
		Hd>Hu	⊘							

(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.
⊘	Not allowed

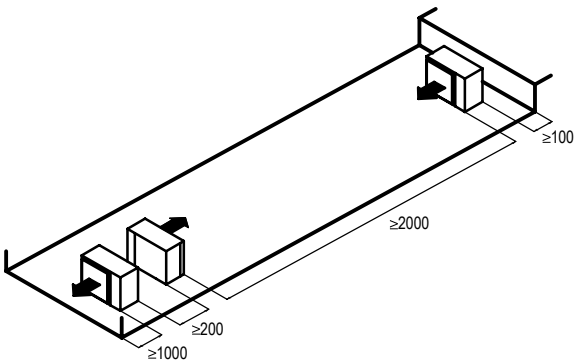
Click here to view all RXYSA-AV1 technical drawings on my.daikin.eu

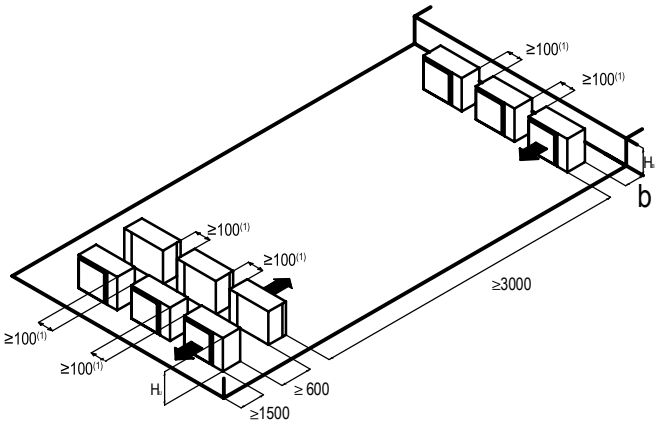
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RXYSA-AV1/AY1

Multiple rows of units ( )

Multiple rows of units ( )





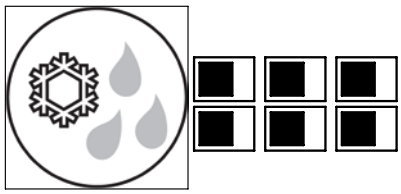
Hb Hu	b (mm)
Hb≤½Hu	b≥250
½Hu<Hb≤Hu	b≥ 300
Hb>Hu	⃠

(1) For better serviceability, use a distance ≥250 mm
⃠ Not allowed

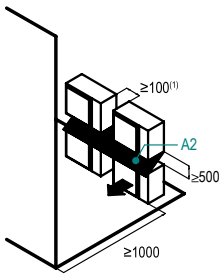
Stacked units (max.2 levels) ( )

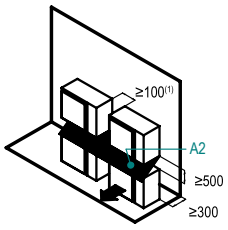
Stacked units (max.2 levels) ( )

A1

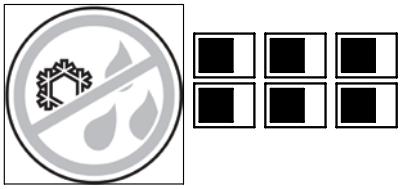


A2

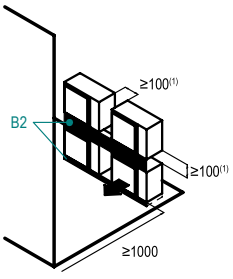


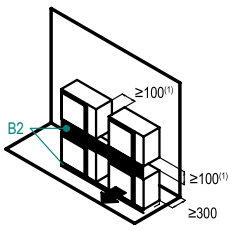


B1



B2

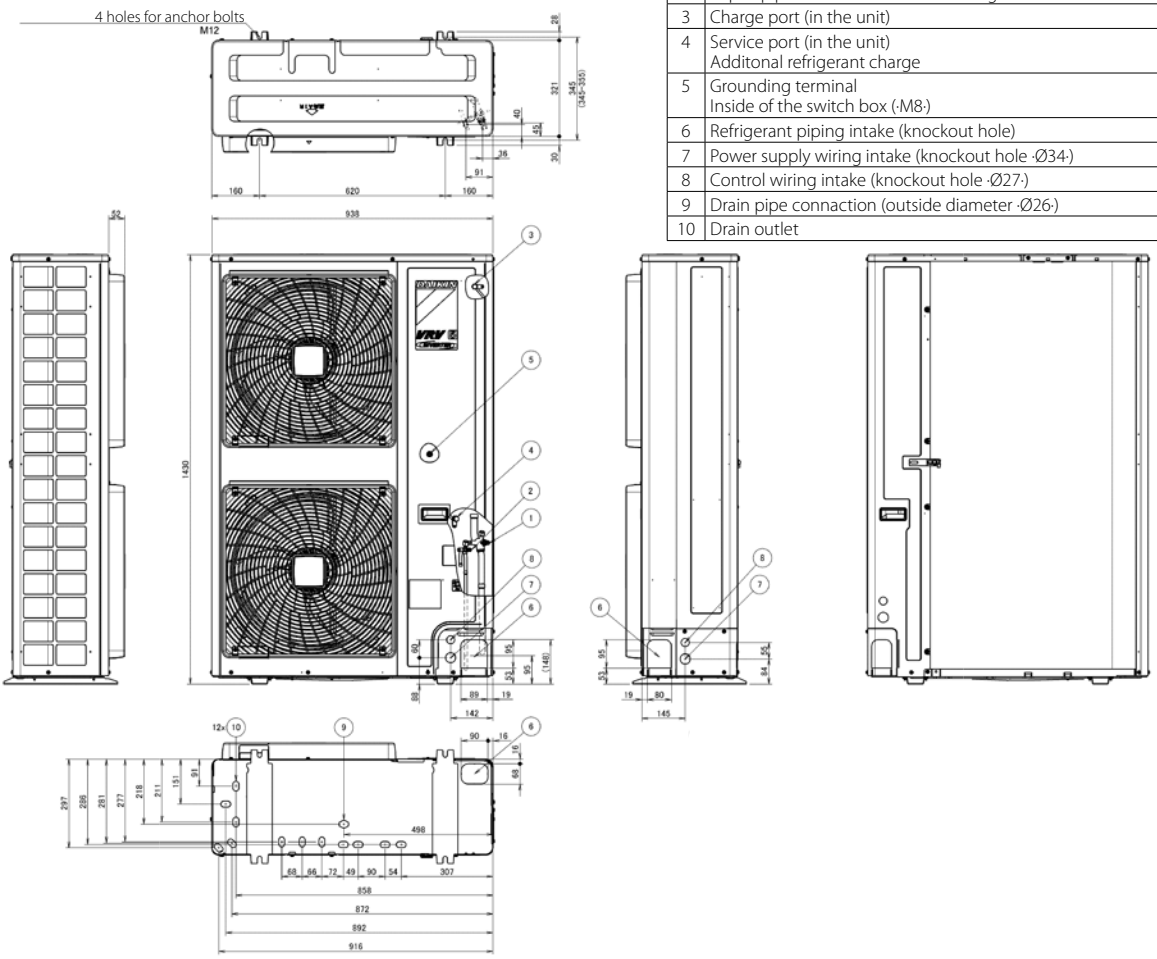




(1) For better serviceability, use a distance ≥250 mm
A1=>A2 (A1) If there is danger of drainage dripping and freezing between the upper and lower units…
(A2) Then install a roof between the upper and lower units. Install the upper unit high enough above the lower unit to prevent ice buildup at the upper 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.

1D128513

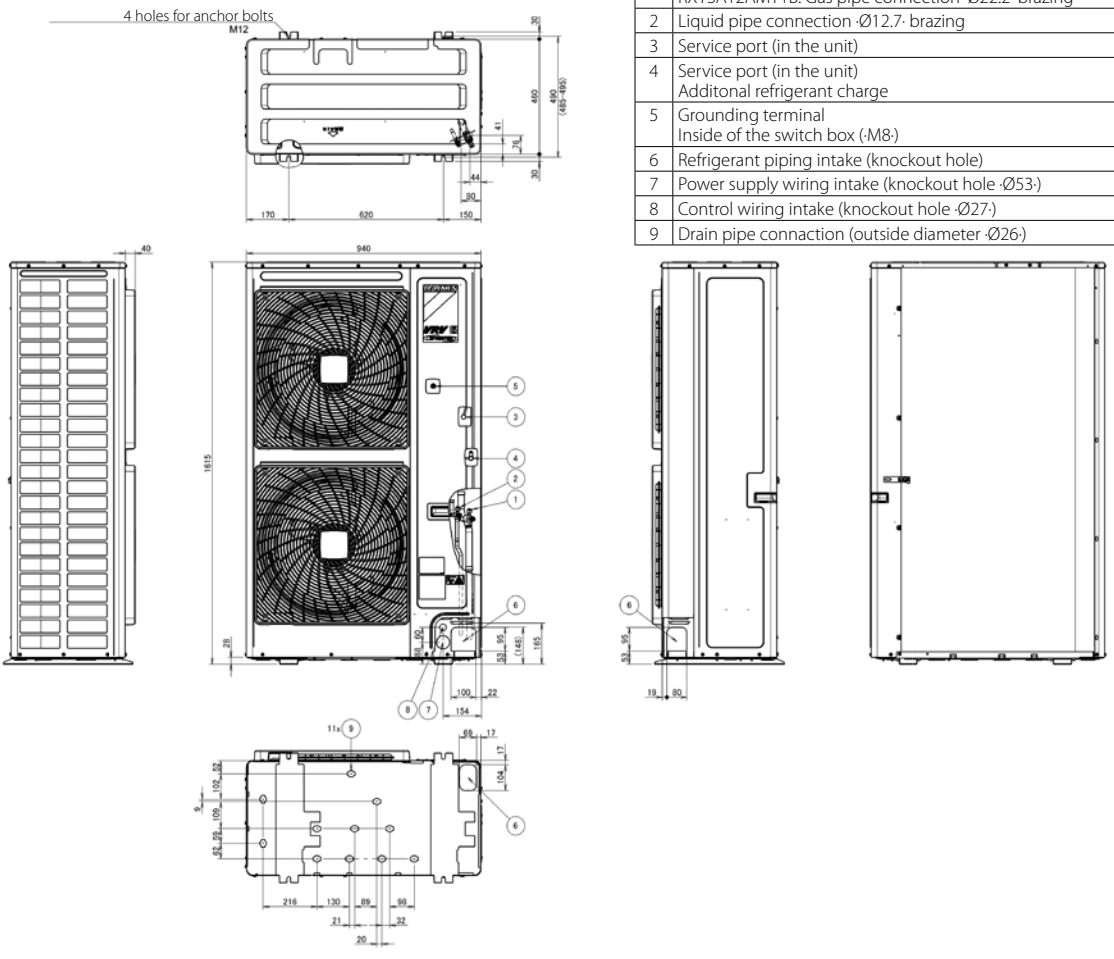
RXYSA8A



1	Gas pipe connection ·Ø19.1· brazing
2	Liquid pipe connection ·Ø9.52· brazing
3	Charge 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 ·Ø34·)
8	Control wiring intake (knockout hole ·Ø27·)
9	Drain pipe connaction (outside diameter ·Ø26·)
10	Drain outlet

2D148029

RXYSA10-12A



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·)

2D148030

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RXYSA-A

Single unit (■) | Single row of units (■■■)

Suction side

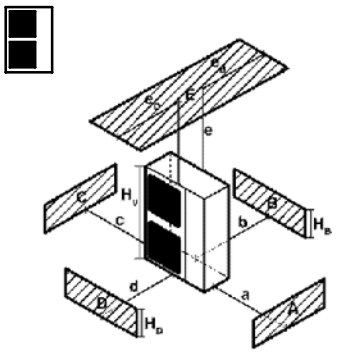
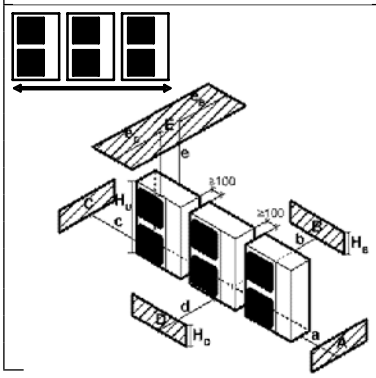
In the illustration below, the service space at the suction side is based on 35°C DB and cooling operation. Foresee more space in the following cases:

- 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 (■■■)

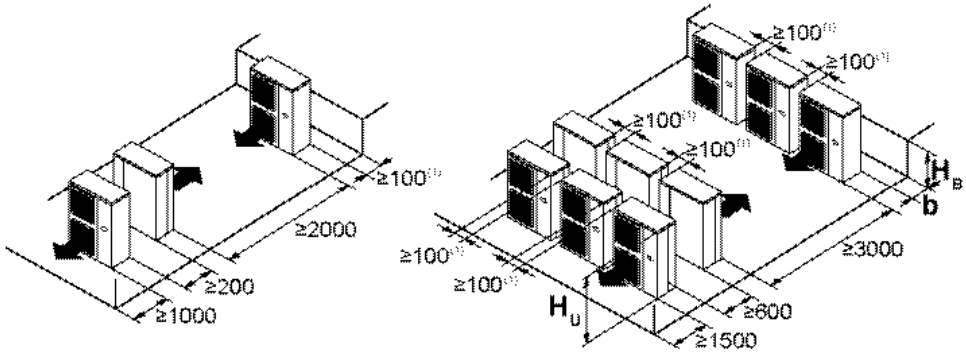
	A~E	Hb Hd Hu		(mm) a	b	c	d	e	e_B	e_D	
	B	-			≥ 100						
	A,B,C	-		≥ 100(1)	≥ 100	≥ 100					
	B,E	-			≥ 100			≥ 1,000		≤500	
	A,B,C,E	-		≥ 150(1)	≥ 150	≥ 150		≥ 1,000		≤500	
	D	-					≥ 500				
	D,E	-					≥ 1,000	≥ 1,000	≤500		
	B,D	-			≥ 100		≥ 1,000				
	B,D,E	Hb>Hd	Hb≤½Hu		≥ 250		≥ 1,000	≥ 1,000	≤500		1
			½Hu<Hb≤Hu		≥ 250		≥ 1,250	≥ 1,000	≤500		
			Hb>Hu	⊘							
		Hb≤Hd	Hd≤½Hu		≥ 100		≥ 1,000	≥ 1,000		≤500	
			½Hu<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		
	B,D	Hd>Hu			≥ 300		≥ 1,000				
		Hd≤½Hu			≥ 250		≥ 1,500				
		½Hu<Hd≤Hu			≥ 300		≥ 1,500				
	B,D,E	Hb>Hd	Hb≤½Hu		≥ 300		≥ 1,000	≥ 1,000	≤500		1+2
			½Hu<Hb≤Hu		≥ 300		≥ 1,250	≥ 1,000	≤500		
			Hb>Hu	⊘							
		Hb≤Hd	Hd≤½Hu		≥ 250		≥ 1,500	≥ 1,000		≤500	
			½Hu<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.
⊘	Not allowed

RXYSA-A

Multiple rows of units ( )

Multiple rows of units ( )



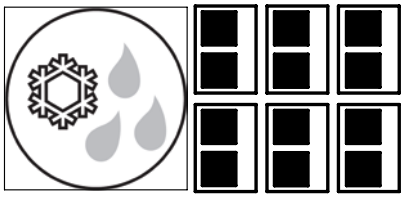
Hb Hu	b (mm)
Hb≤½Hu	b≥250
½Hu<Hb≤Hu	b≥ 300
Hb>Hu	⊘

(1) For better serviceability, use a distance ≥250 mm
⊘ Not allowed

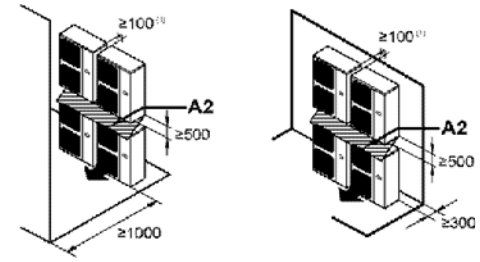
Stacked units (max.2 levels) ( )

Stacked units (max.2 levels) ( )

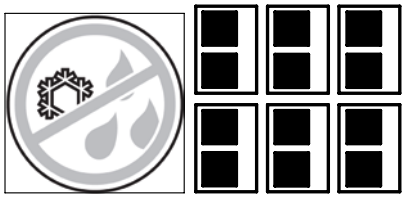
A1



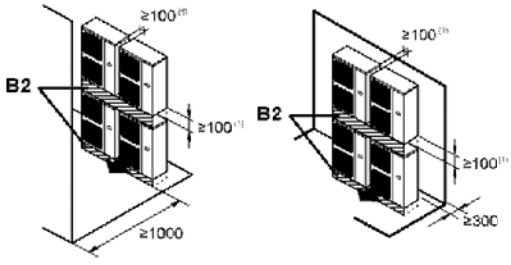
A2



B1



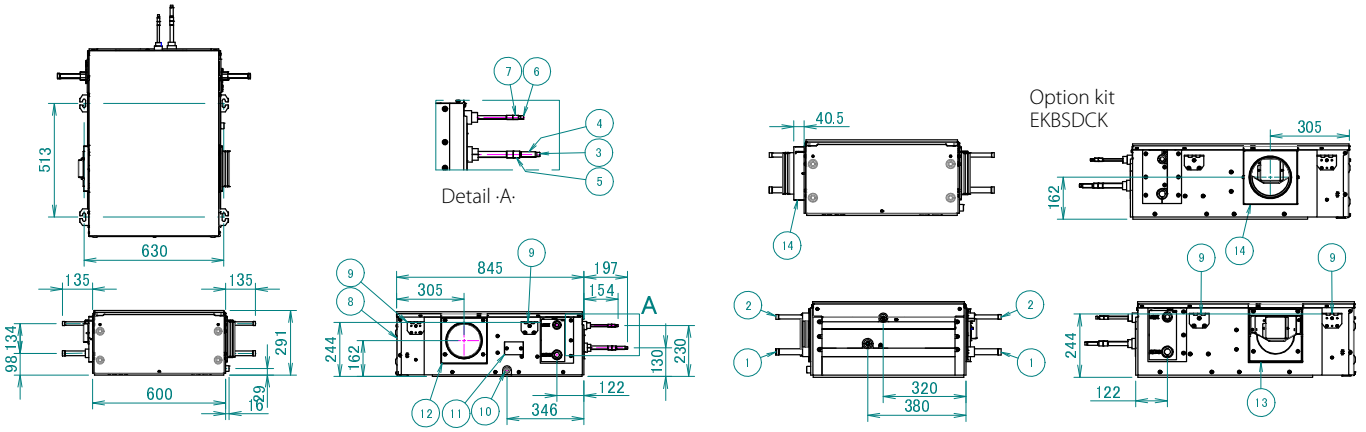
B2



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

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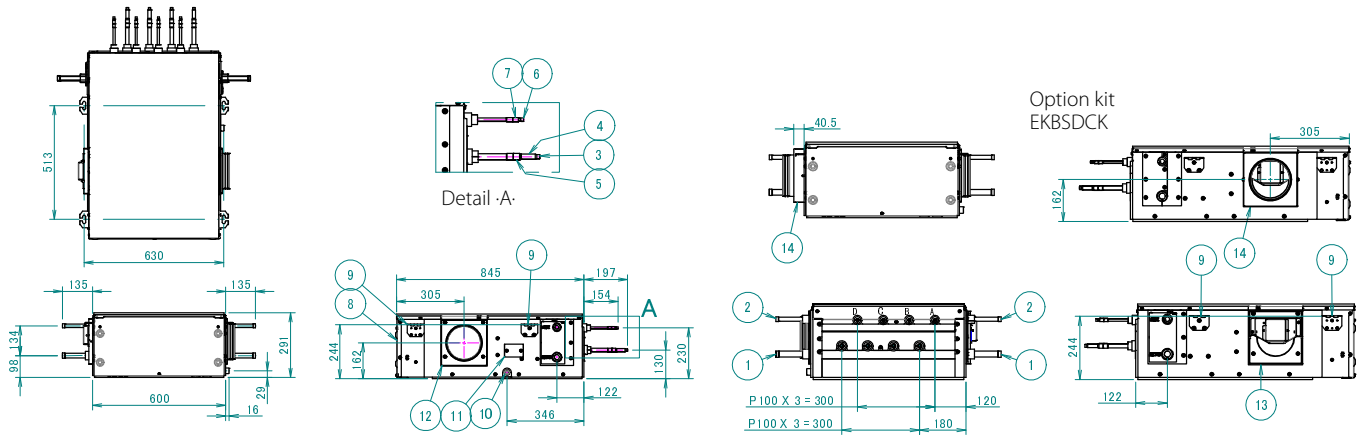
SV1A25A



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

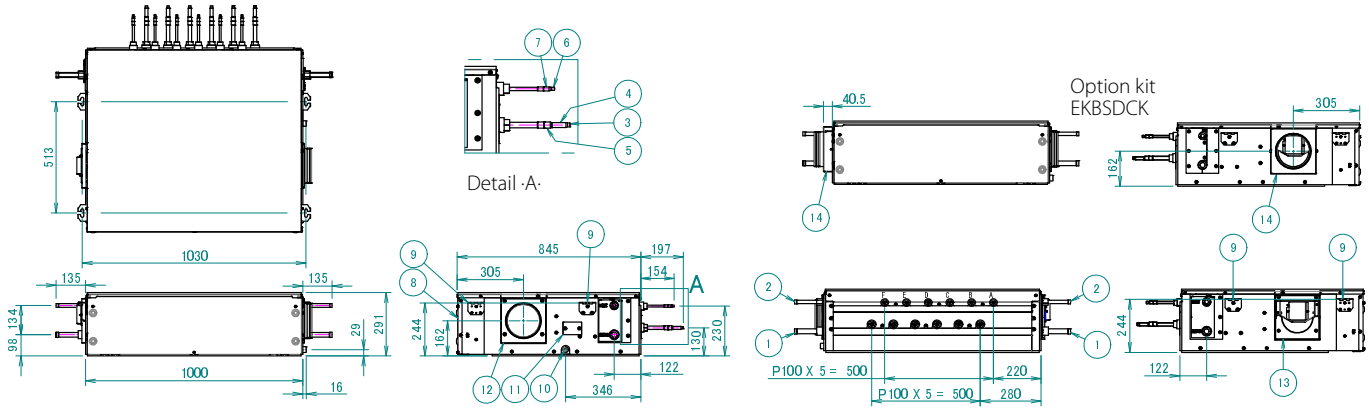
SV4A14A



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·

3D149358

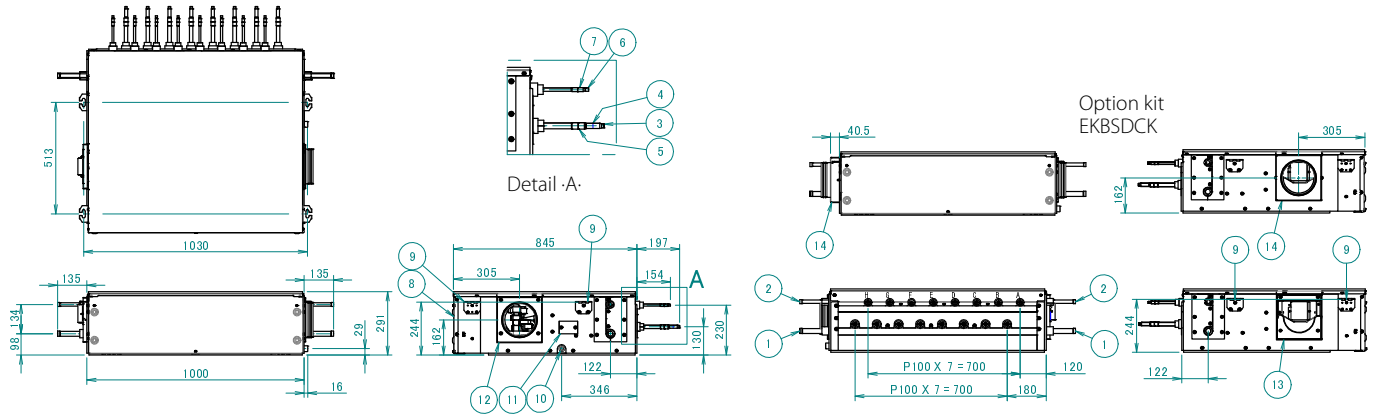
SV6A14A



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

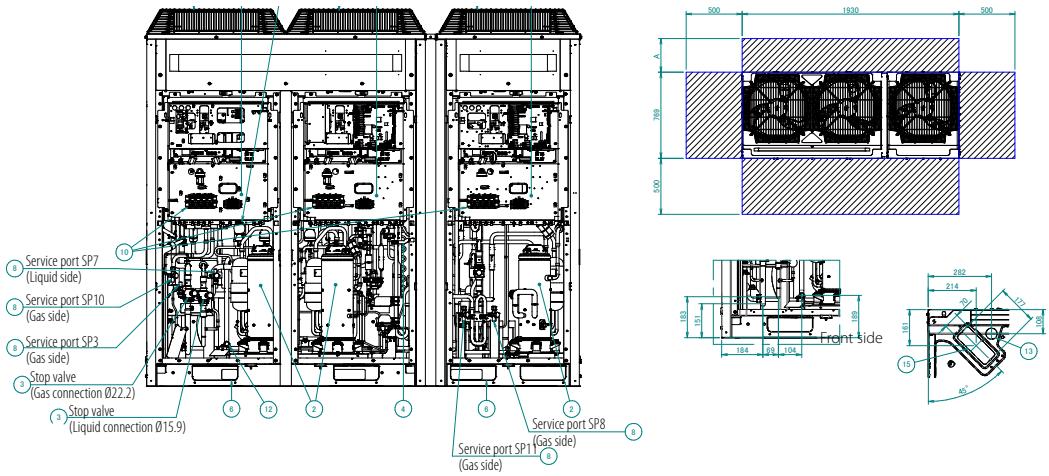


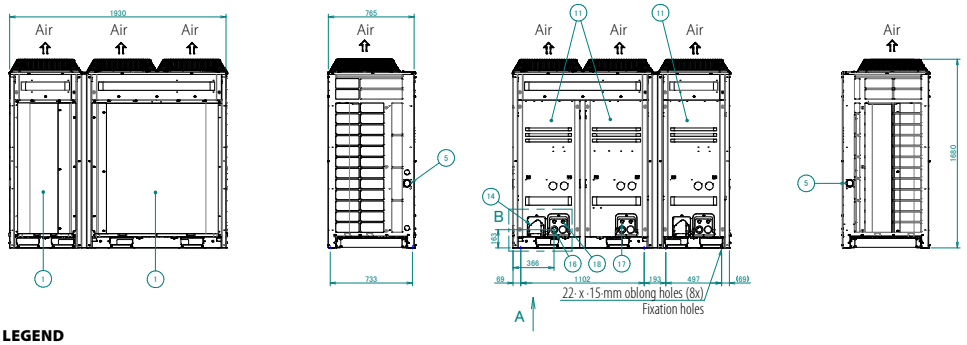
Item	Name	Description
1	Outdoor unit suction gas pipe connection port	Ø·22.2· brazing connection
2	Outdoor unit liquid pipe connection port	Ø·15.9· brazing connection
3	Indoor unit gas pipe connection port	Ø·9.52· brazing connection
4	Indoor unit gas pipe connection port	Ø·12.7· brazing connection
5	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·

3D149360

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RXYN-B





No.	Part Name	Remark
1	Coil	
2	Compressor	
3	Stop valve	Ø 22.2
4	Ambient temperature sensor	
5	Power supply wiring intake	Ø 62
6	Lifting eye for sling	
7	Fan	
8	Service port	
9	Outdoor module switch box	
10	Terminal block (high voltage)	
11	Outdoor module service panel	
12	Safety valve pipe	
13	Power supply wiring intake	Ø 65.5
14	Pipe routing hole (front)	
15	Pipe routing hole (bottom)	
16	Safety valve Pipe routing hole (front)	Ø 45
17	Transmission wiring intake hole	Ø 27
18	Power supply wiring intake	Ø 27
19	Grounding terminal	M8

LEGEND

Required space for service and ventilation

NOTES

1. Distance from wall (or other unit) for regions without heavy snowfall
2. Distance from wall (or other unit) for regions with heavy snowfall

	1	2
A	300	500

2D156196



Technical drawings
Indoor units

VRV 5 - R-32

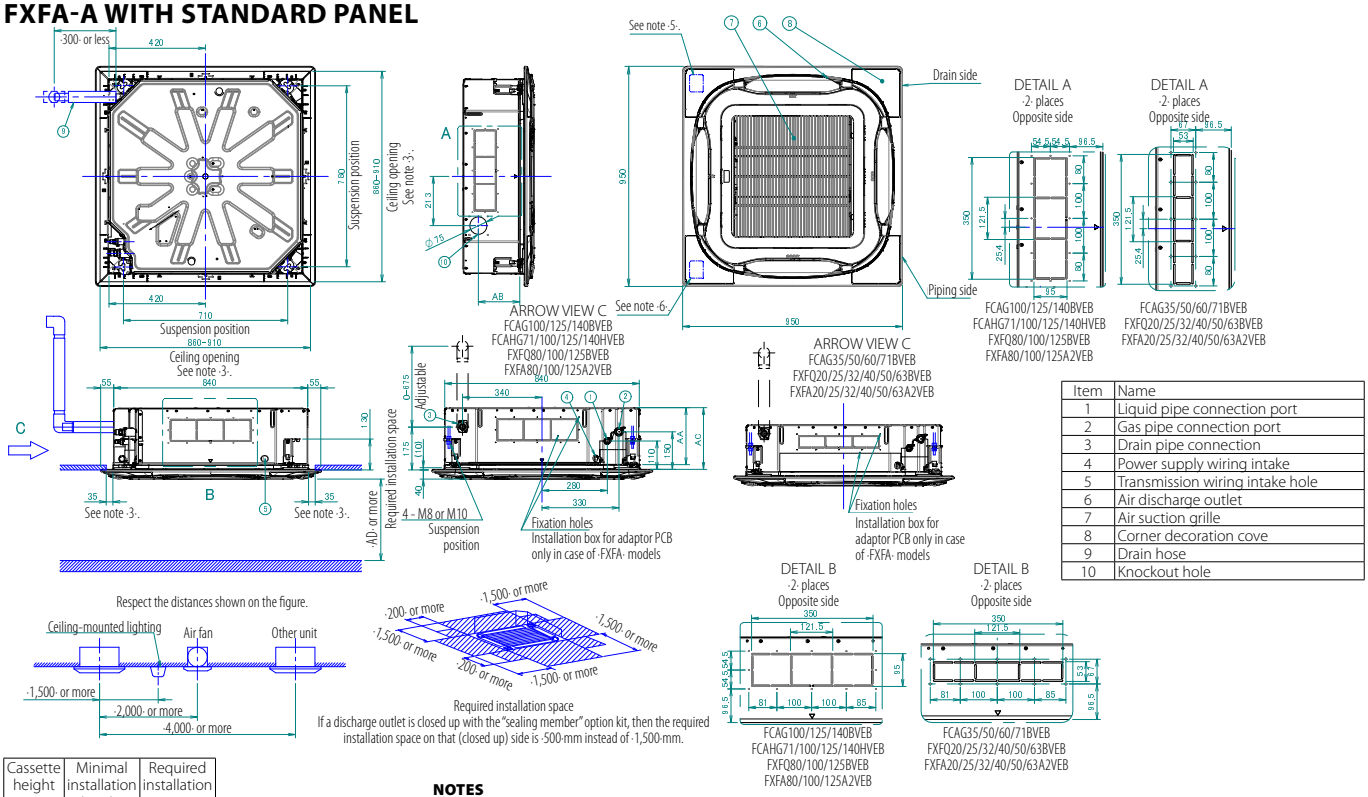
- FXFA-A 190
- FXZA-A 192
- FXKA-A 194
- FXDA-A 195
- FXSA-A 200
- FXMA-A 208
- FXAA-A 215
- FXHA-A 216
- FXUA-A 218
- FXNA-A 219

CO_2 VRV - R-744

- FXFN-B 220
- FXSN-B 222

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

FXFA-A WITH STANDARD PANEL



Item	Name
1	Liquid pipe connection port
2	Gas pipe connection port
3	Drain pipe connection
4	Power supply wiring intake
5	Transmission wiring intake hole
6	Air discharge outlet
7	Air suction grille
8	Corner decoration cove
9	Drain hose
10	Knockout hole

Required installation space
If a discharge outlet is closed up with the "sealing member" option kit, then the required installation space on that (closed up) side is 500 mm instead of 1,500 mm.

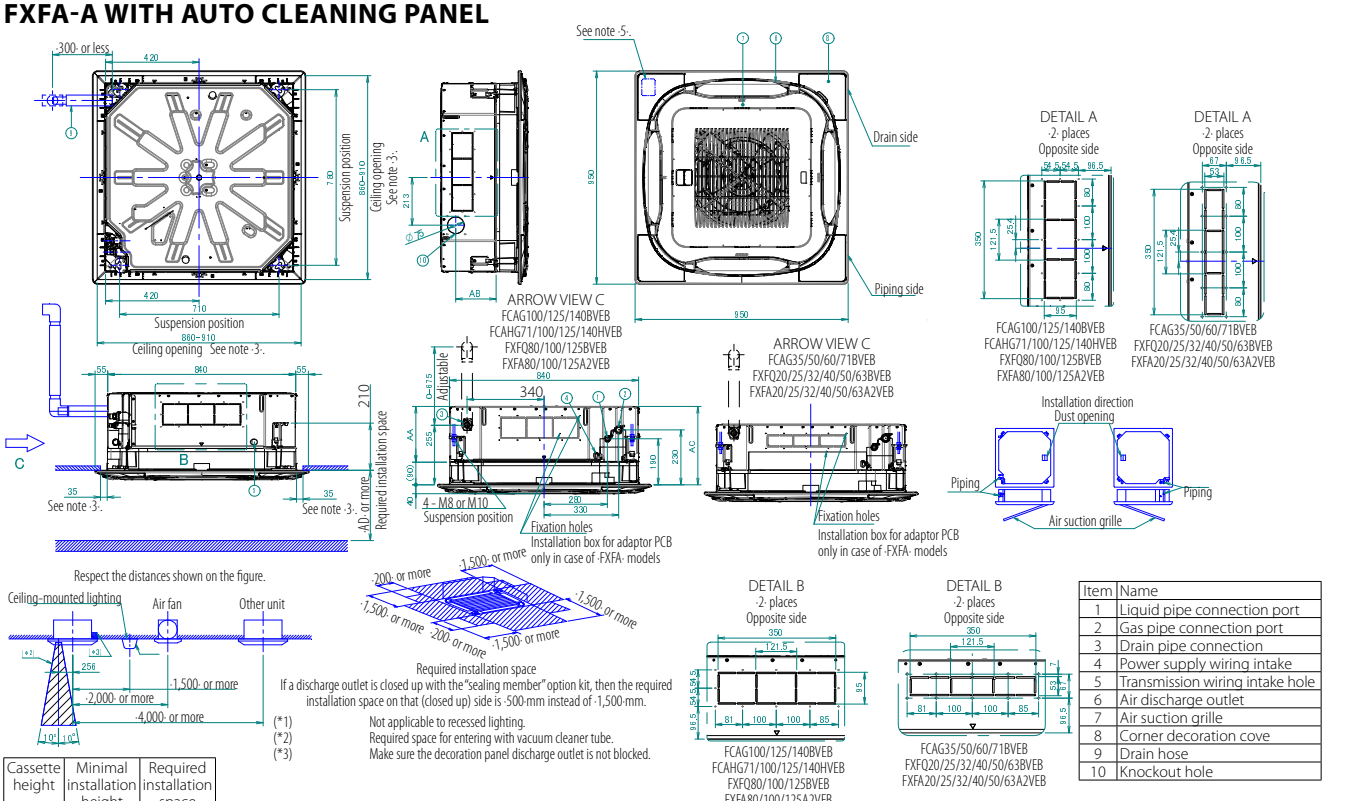
Cassette height		Minimal installation height	Required installation space	
AA	AB	AC	AD	Model
204	139	227	2,700	FCAG35/50/60/71BVEB
246	180	269	2,700	FCAG100/125/140BVEB
288	180	311	2,700	FCAHG71/100/125/140HVEB
204	139	227	2,700	FXFQ20/25/32/40/50/63BVEB
246	180	269	2,700	FXFQ80/100BVEB
288	180	311	2,700	FXFQ125BVEB
204	139	227	2,500	FXFA20/25/32/40/50/63A2VEB
246	180	269	2,500	FXFA80/100A2VEB
288	180	311	2,500	FXFA125A2VEB

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

2D121655D

FXFA-A WITH AUTO CLEANING PANEL



Item	Name
1	Liquid pipe connection port
2	Gas pipe connection port
3	Drain pipe connection
4	Power supply wiring intake
5	Transmission wiring intake hole
6	Air discharge outlet
7	Air suction grille
8	Corner decoration cove
9	Drain hose
10	Knockout hole

Required installation space
If a discharge outlet is closed up with the "sealing member" option kit, then the required installation space on that (closed up) side is 500 mm instead of 1,500 mm.

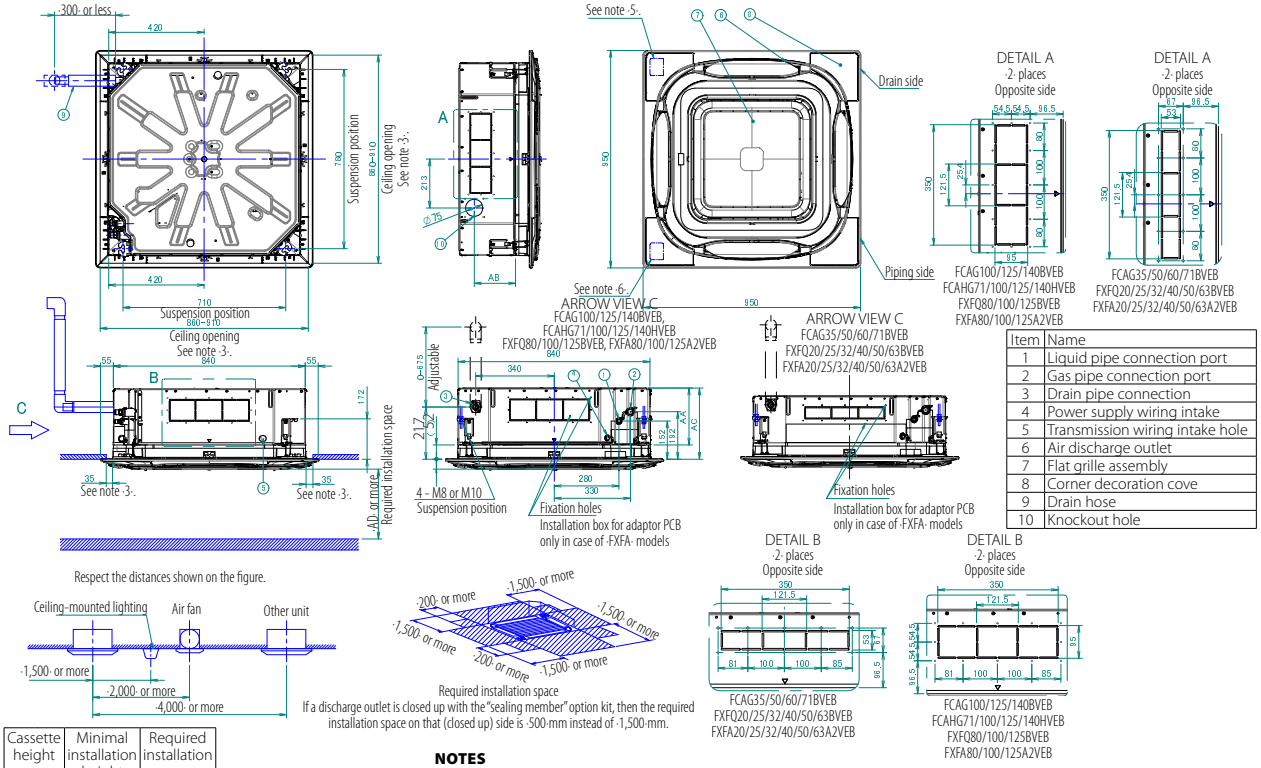
Cassette height		Minimal installation height	Required installation space	
AA	AB	AC	AD	Model
204	139	307	2,700	FCAG35/50/60/71BVEB
246	180	349	2,700	FCAG100/125/140BVEB
288	180	391	2,700	FCAHG71/100/125/140HVEB
204	139	307	2,700	FXFQ20/25/32/40/50/63BVEB
246	180	349	2,700	FXFQ80/100BVEB
288	180	391	2,700	FXFQ125BVEB
204	139	307	2,500	FXFA20/25/32/40/50/63A2VEB
246	180	349	2,500	FXFA80/100A2VEB
288	180	391	2,500	FXFA125A2VEB

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.
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.

2D121658D

FXFA-A WITH DESIGNER PANEL



Item	Name
1	Liquid pipe connection port
2	Gas pipe connection port
3	Drain pipe connection
4	Power supply wiring intake
5	Transmission wiring intake hole
6	Air discharge outlet
7	Flat grille assembly
8	Corner decoration cove
9	Drain hose
10	Knockout hole

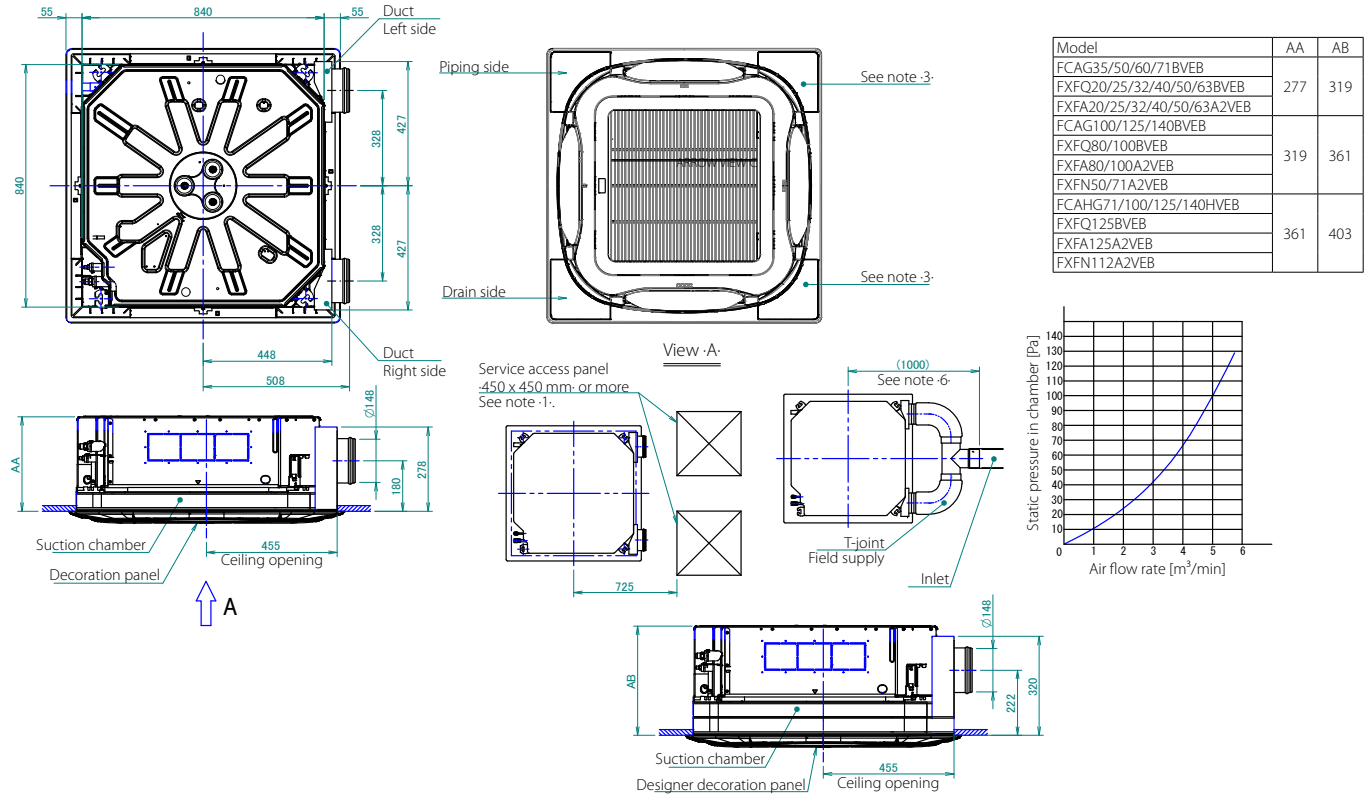
Cassette height		Minimal installation height	Required installation space	
AA	AB	AC	AD	Model
204	139	269	2,700	FCAG35/50/60/71BVEB
246	180	311	2,700	FCAG100/125/140BVEB
288	180	353	2,700	FCAHG71/100/125/140HVEB
204	139	269	2,700	FXFQ20/25/32/40/50/63BVEB
246	180	311	2,700	FXFQ80/100BVEB
288	180	353	2,700	FXFQ125BVEB
204	139	269	2,500	FXFA20/25/32/40/50/63A2VEB
246	180	311	2,500	FXFA80/100A2VEB
288	180	353	2,500	FXFA125A2VEB

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

2D121703D

FXFA-A WITH FRESH AIR INTAKE



Model	AA	AB
FCAG35/50/60/71BVEB	277	319
FXFQ20/25/32/40/50/63BVEB		
FXFA20/25/32/40/50/63A2VEB		
FCAG100/125/140BVEB	319	361
FXFQ80/100BVEB		
FXFA80/100A2VEB		
FXFN50/71A2VEB		
FCAHG71/100/125/140HVEB	361	403
FXFQ125BVEB		
FXFA125A2VEB		
FXFN112A2VEB		

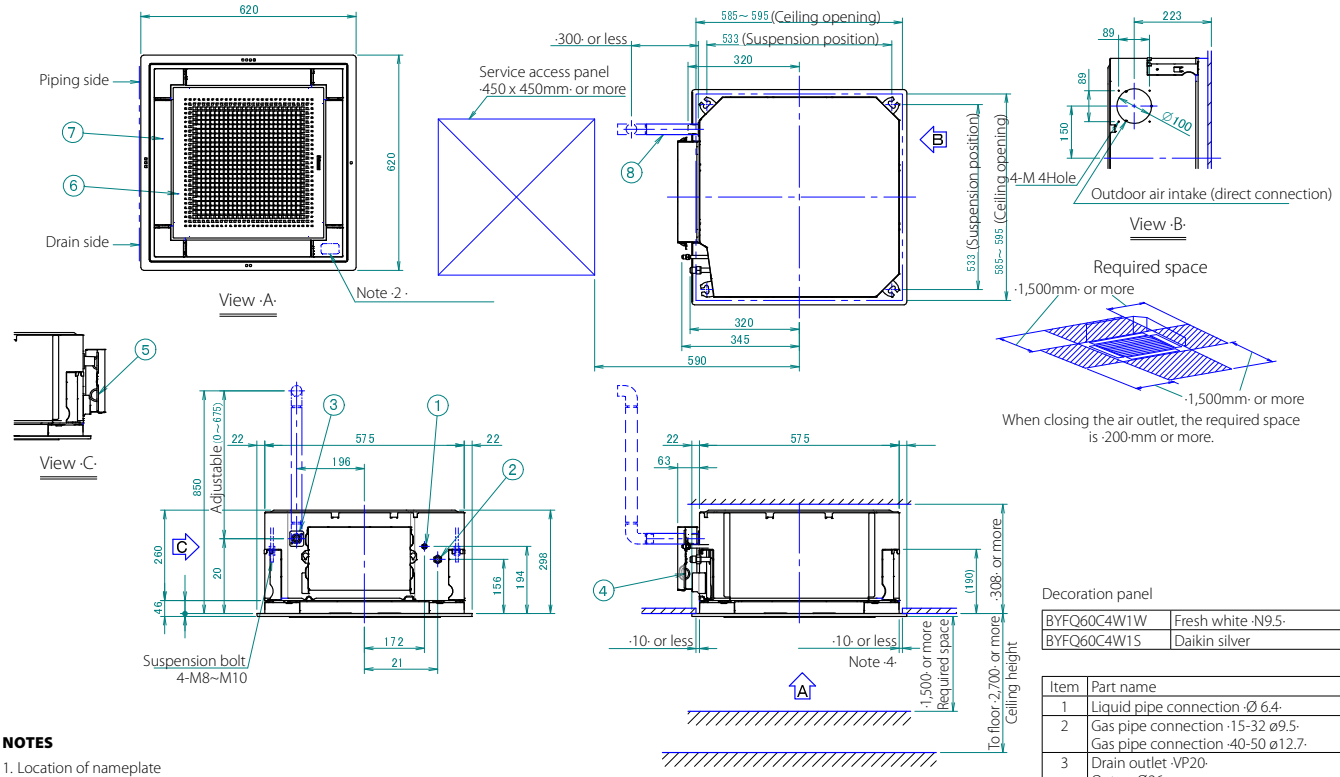
NOTES

1. When installing a fresh air intake kit, provide a service access panel.
2. Field construction
3. This corner discharge outlet needs to be closed.
4. When installing a duct fan, use a wiring adapter to link the duct fan to the fan of the indoor unit.
5. 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

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FXZA-A NEW PANEL



Decoration panel

BYFQ60C4W1W	Fresh white ·N9.5·
BYFQ60C4W1S	Daikin silver

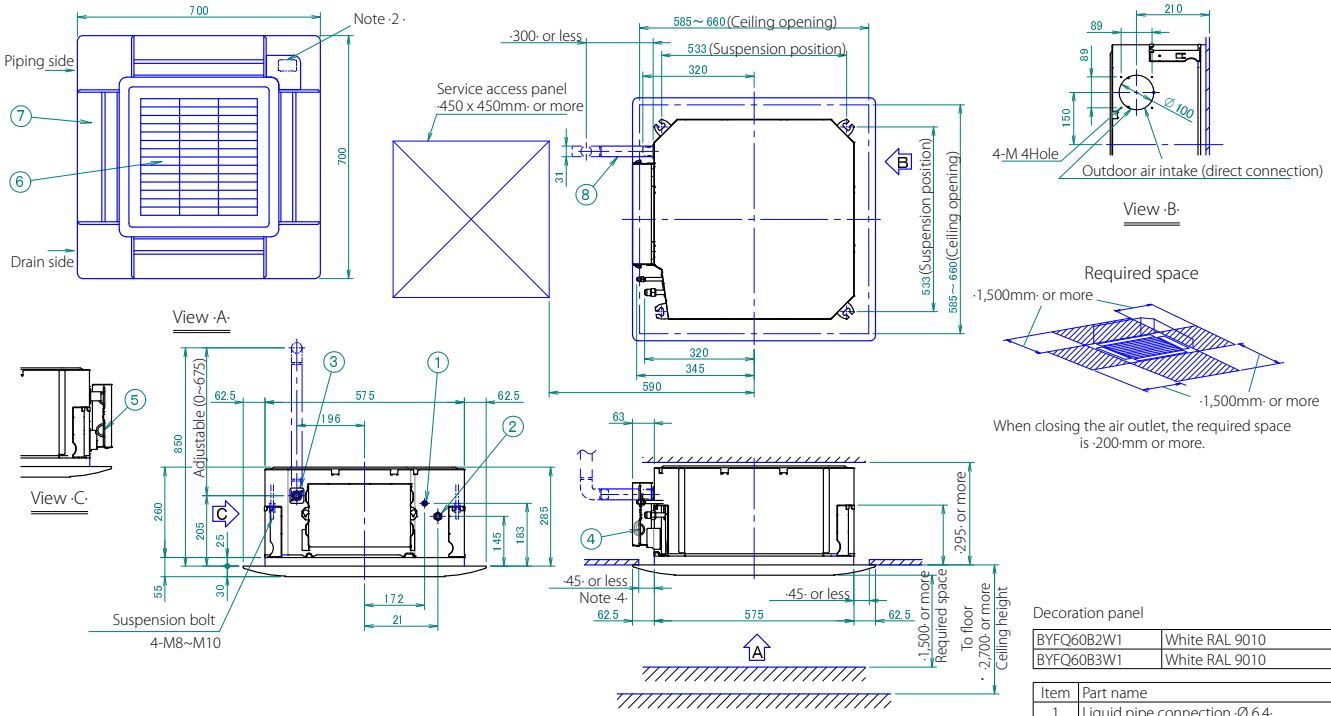
Item	Part name
1	Liquid pipe connection ·Ø 6.4·
2	Gas pipe connection ·15-32 ø9.5· Gas pipe connection ·40-50 ø12.7·
3	Drain outlet ·VP20· Outer: ·Ø26·
4	Power supply
5	Remote control wiring intake
6	Air discharge grille
7	Air suction grille
8	Drain hose Inner: ·Ø25·

NOTES

1. Location of nameplate
   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 ·595·mm square ceiling opening, keep the clearance of ·10·mm or less between the indoor unit and the ceiling opening, so that the panel overlap allowance can be ensured.

3D125141A

FXZA-A OLD PANEL



Decoration panel

BYFQ60B2W1	White RAL 9010
BYFQ60B3W1	White RAL 9010

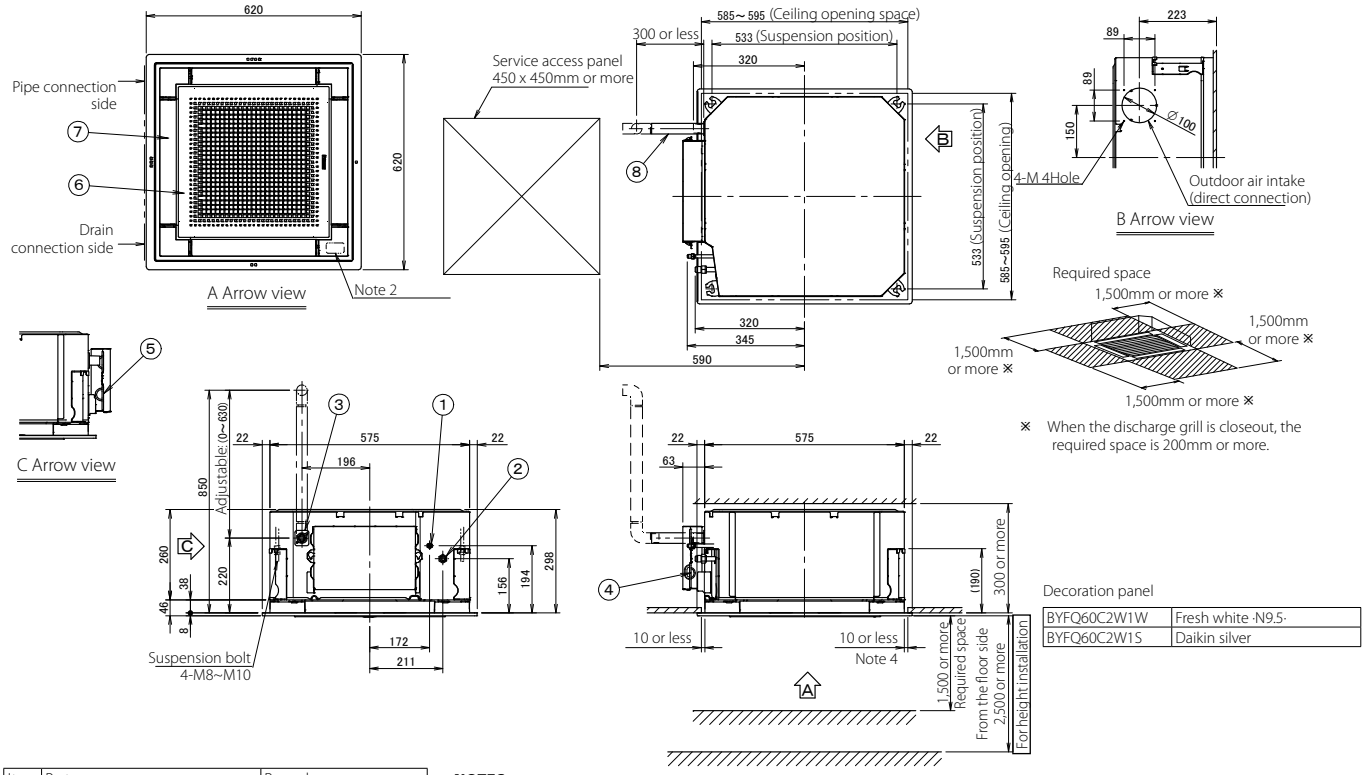
Item	Part name
1	Liquid pipe connection ·Ø 6.4·
2	Gas pipe connection ·15-32 ø9.5· Gas pipe connection ·40-50 ø12.7·
3	Drain outlet ·VP20· Outer: ·Ø26·
4	Power supply
5	Remote control wiring intake
6	Air discharge grille
7	Air suction grille
8	Drain hose Inner: ·Ø25·

NOTES

1. Location of nameplate
   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.

3D125613A

FXZQ-A NEW PANEL



Decoration panel

BYFQ60C2W1W	Fresh white ·N9.5·
BYFQ60C2W1S	Daikin silver

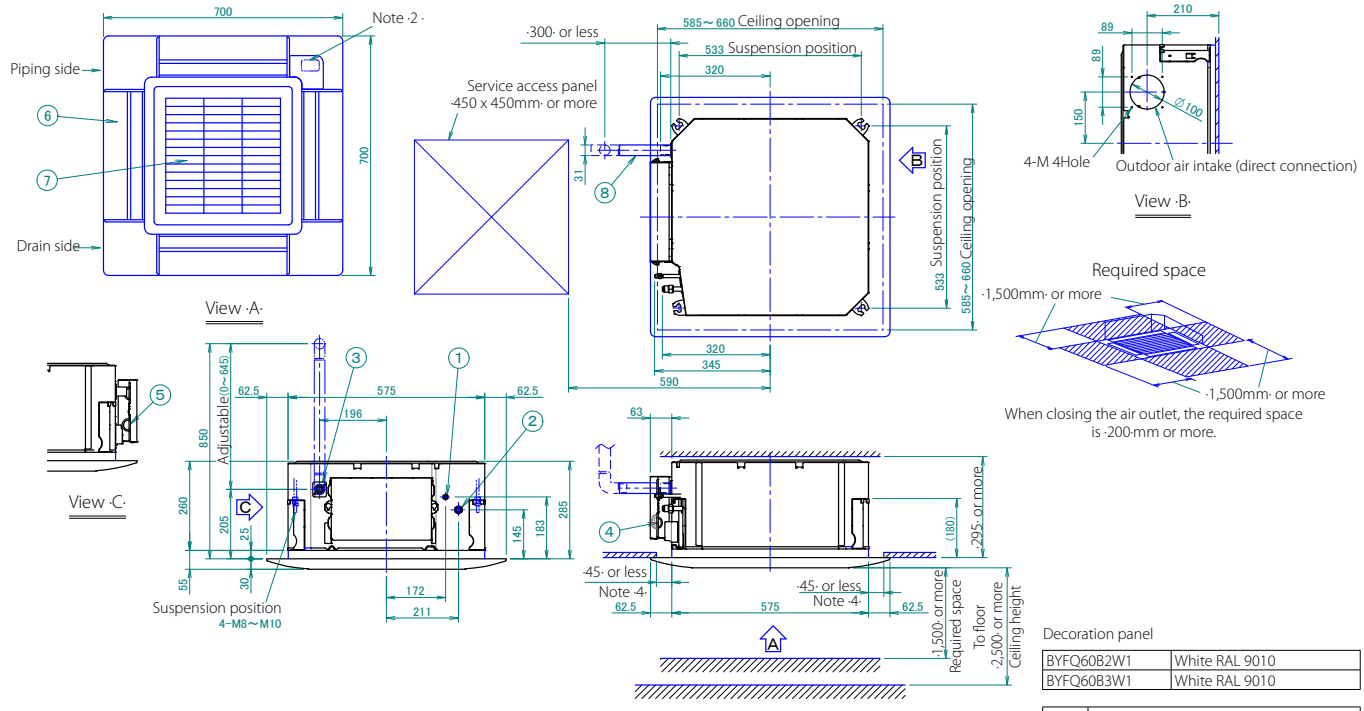
Item	Part name	Remark
1	Liquid pipe connection	Ø 6.4 (flare connection)
2	Gas pipe connection	Ø 12.7 (flare connection)
3	Drain pipe connection	VP20 (O.D. Ø26)
4	Power supply connection	
5	Remote control code and control wiring connection	
6	Air discharge grille	
7	Air suction grille	
8	Drain hose	I.D.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

NOTES

1. 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.
3. 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.
4. 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

FXZQ-A OLD PANEL



Decoration panel

BYFQ60B2W1	White RAL 9010
BYFQ60B3W1	White RAL 9010

Item	Part name
1	Liquid pipe connection
2	Gas pipe connection
3	Drain outlet ·VP20· Outer: ·Ø26·
4	Power supply
5	Remote control wiring intake
6	Air discharge grille
7	Air suction grille
8	Drain hose Inner: ·Ø25·

NOTES

1. Location of nameplate
   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

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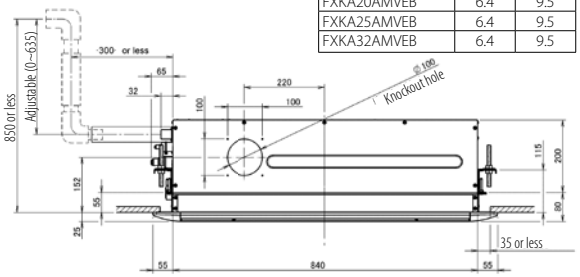
FXKA20,25,32A

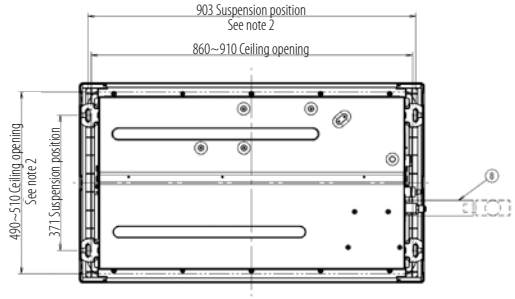
NOTES

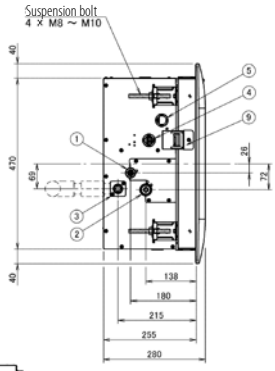
1. Location of unit's Name plate
   - The unit nameplat is located on the control box cover.
   - The decoration panel nameplate is located on the inner frame inside the suction grille
2. Though the installation is acceptable up to maximum 910x510 mm square ceiling opening, keep the clearance of 35 mm or less between the indoor unit and the ceiling opening, so that the panel overlap allowance can be insured.
3. When installing an optional accessories, refer to their respective documentation.
4. If any of the following conditions are met, additional insulation (glass wool or polyethylene foam, thickness ≥ 10mm) is required.
   - Ambient conditions in the celing ≥ 30°C and 80% relative humidity.
   - Fresh air is inducted into the ceiling
   - The unit operates continuously.

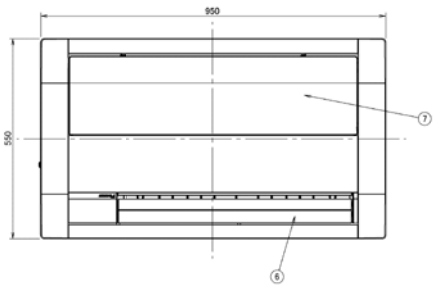
Item	Name
1	Liquid pipe connection øA
2	Gas pipe connection øB
3	Drain outlet Inside diameter: 20mm Outside diameter: 26mm
4	Power supply wiring intake
5	Wiring connection Remote control wiring intake
6	Air discharge side
7	Air suction side
8	Drain hose (accessory) Inside diameter 25mm
9	Metal hanger

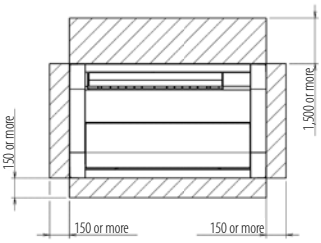
Model	øA	øA
FXKQ20AMVEB	6.4	12.7
FXKQ25AMVEB	6.4	12.7
FXKQ32AMVEB	6.4	12.7
FXKA20AMVEB	6.4	9.5
FXKA25AMVEB	6.4	9.5
FXKA32AMVEB	6.4	9.5

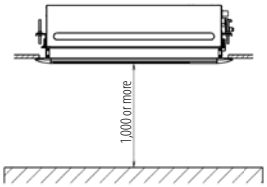




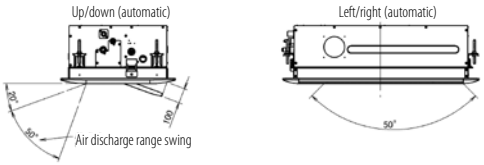








Adjusting the air flow direction



Required space

2D146914A

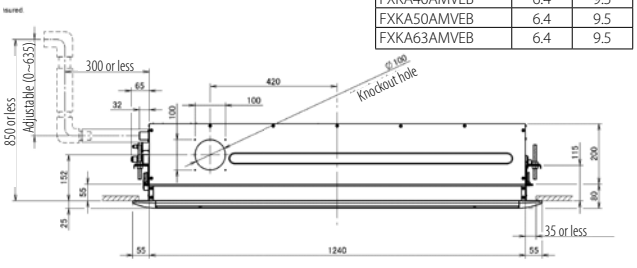
FXKA40,50,63A

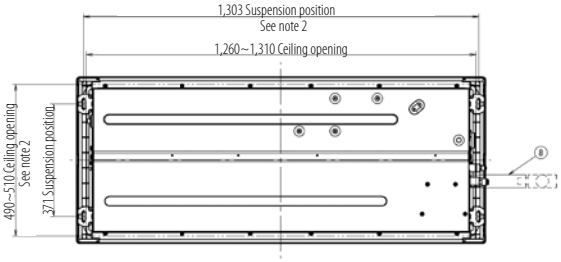
NOTES

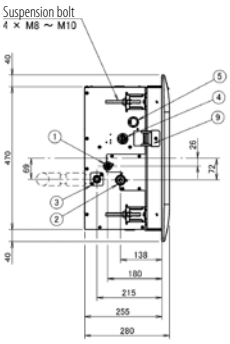
1. Location of unit's Name plate
   - The unit nameplat is located on the control box cover.
   - The decoration panel nameplate is located on the inner frame inside the suction grille
2. Though the installation is acceptable up to maximum 1,310x510 mm square ceiling opening, keep the clearance of 35 mm or less between the indoor unit and the ceiling opening, so that the panel overlap allowance can be insured.
3. When installing an optional accessories, refer to their respective documentation.
4. If any of the following conditions are met, additional insulation (glass wool or polyethylene foam, thickness ≥ 10mm) is required.
   - Ambient conditions in the celing ≥ 30°C and 80% relative humidity.
   - Fresh air is inducted into the ceiling
   - The unit operates continuously.

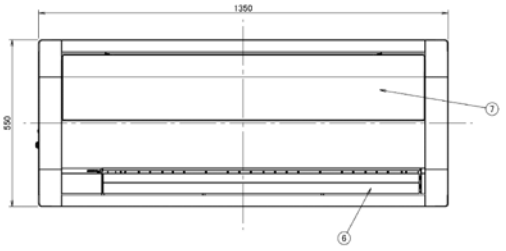
Item	Name
1	Liquid pipe connection øA
2	Gas pipe connection øB
3	Drain outlet Inside diameter: 20mm Outside diameter: 26mm
4	Power supply wiring intake
5	Wiring connection Remote control wiring intake
6	Air discharge side
7	Air suction side
8	Drain hose (accessory) Inside diameter 25mm
9	Metal hanger

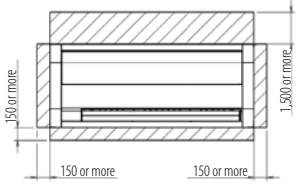
Model	øA	øA
FXKQ40AMVEB	6.4	12.7
FXKQ50AMVEB	6.4	12.7
FXKQ63AMVEB	6.4	12.7
FXKA40AMVEB	6.4	9.5
FXKA50AMVEB	6.4	9.5
FXKA63AMVEB	6.4	9.5

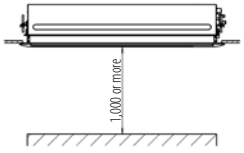




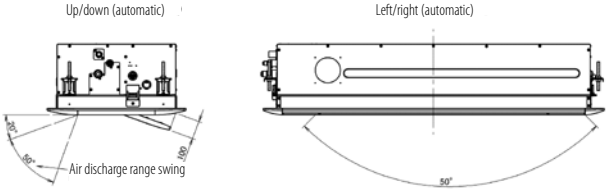








Adjusting the air flow direction

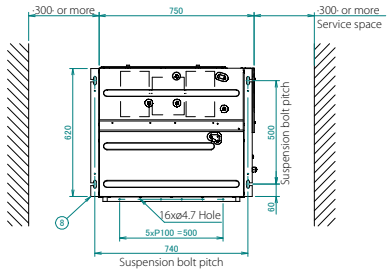


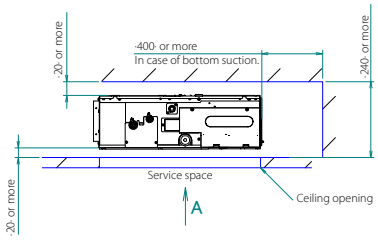
Required space

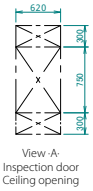
2D148806A

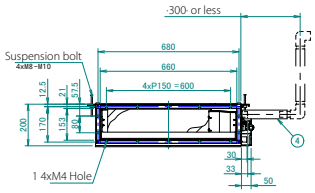
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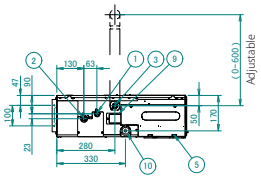
Service space of installation box for adaptor PCB.

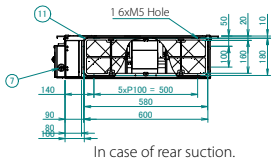




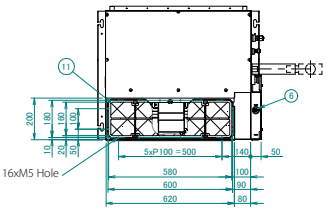




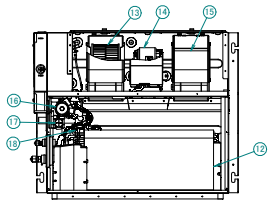




In case of rear suction.



In case of bottom suction.



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

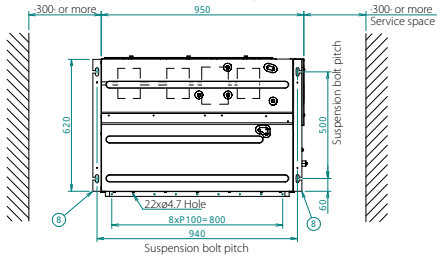
NOTES

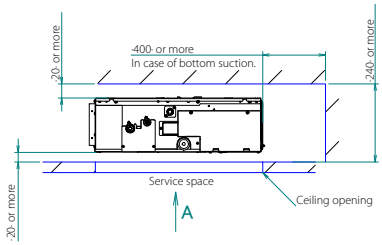
1. In case of bottom suction, mount the chamber cover to the backside of the unit.
   For more information, refer to the installation manual.
2. In case of rear suction, mount the chamber cover to the bottom side of the unit.
   For more information, refer to the installation manual.
3. The unit nameplate is located on the control box cover.
4. Mount the air filter at the suction side.
   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.

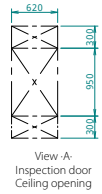
2D126395

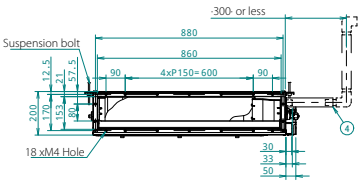
FXDA40-50A

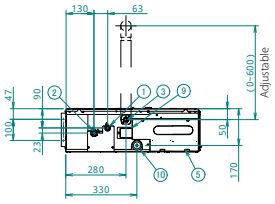
Service space of installation box for adaptor PCB.

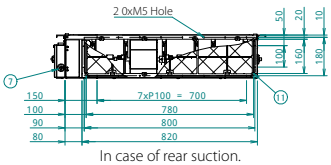




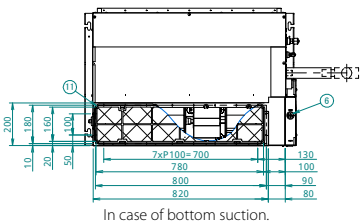




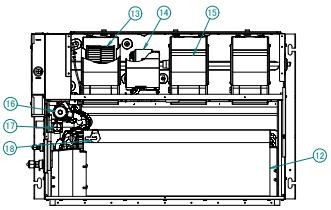




In case of rear suction.



In case of bottom suction.



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

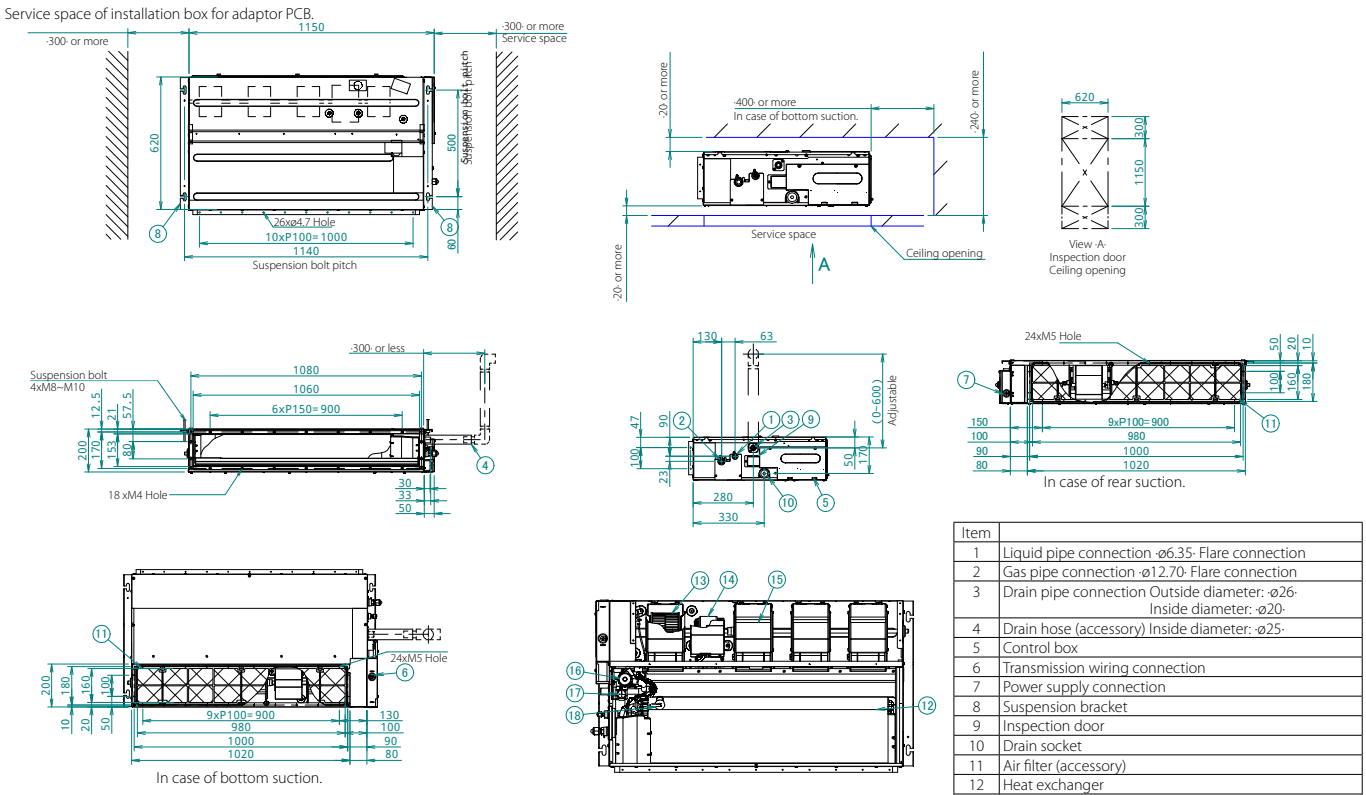
NOTES

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.
   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.

2D126677

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FXDA63A



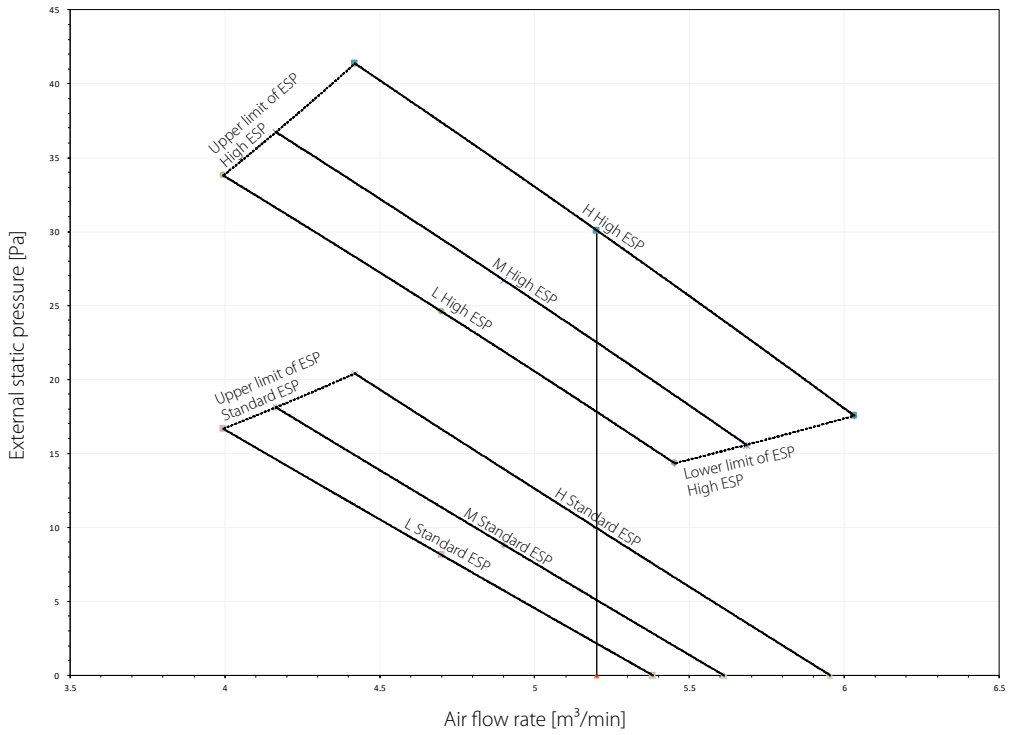
Item	
1	Liquid pipe connection ·ø6.35· Flare connection
2	Gas pipe connection ·ø12.70· Flare connection
3	Drain pipe connection Outside diameter: ·ø26· Inside diameter: ·ø20·
4	Drain hose (accessory) Inside diameter: ·ø25·
5	Control box
6	Transmission wiring connection
7	Power supply connection
8	Suspension 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

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.
   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.

2D126592

FXDA10A

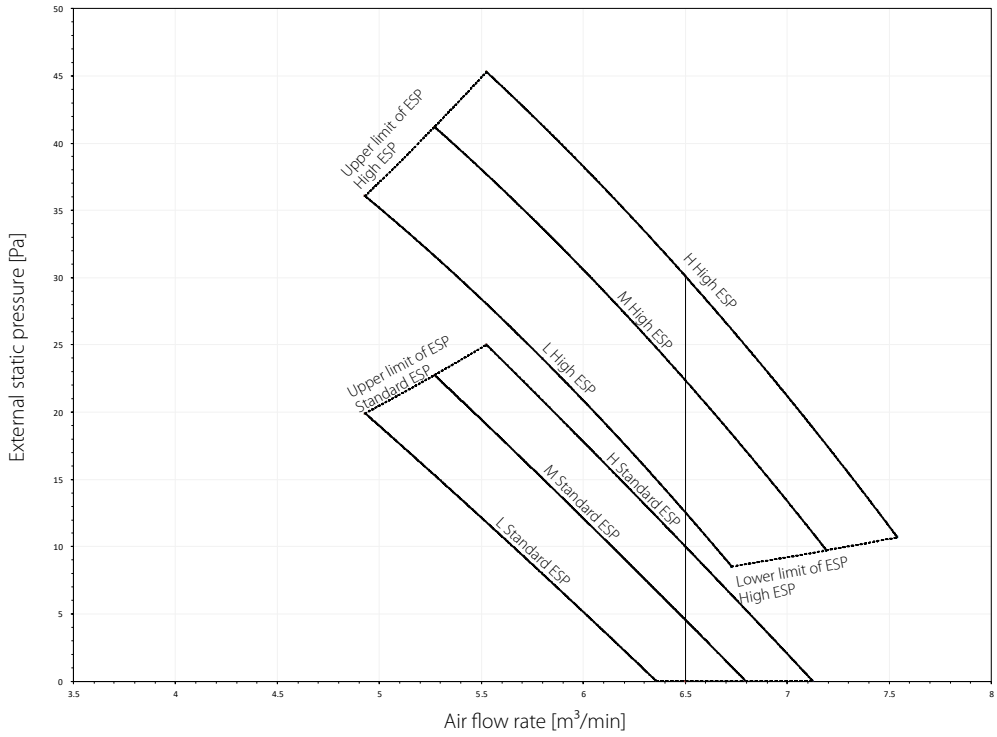


NOTES

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.

3D129552

FXDA15A

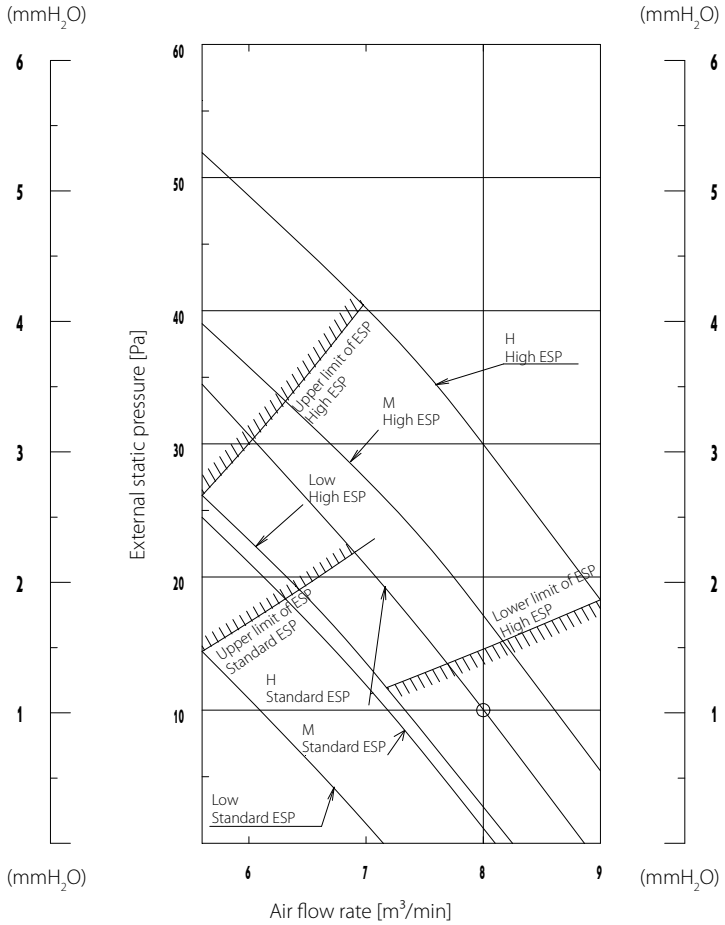


NOTES

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



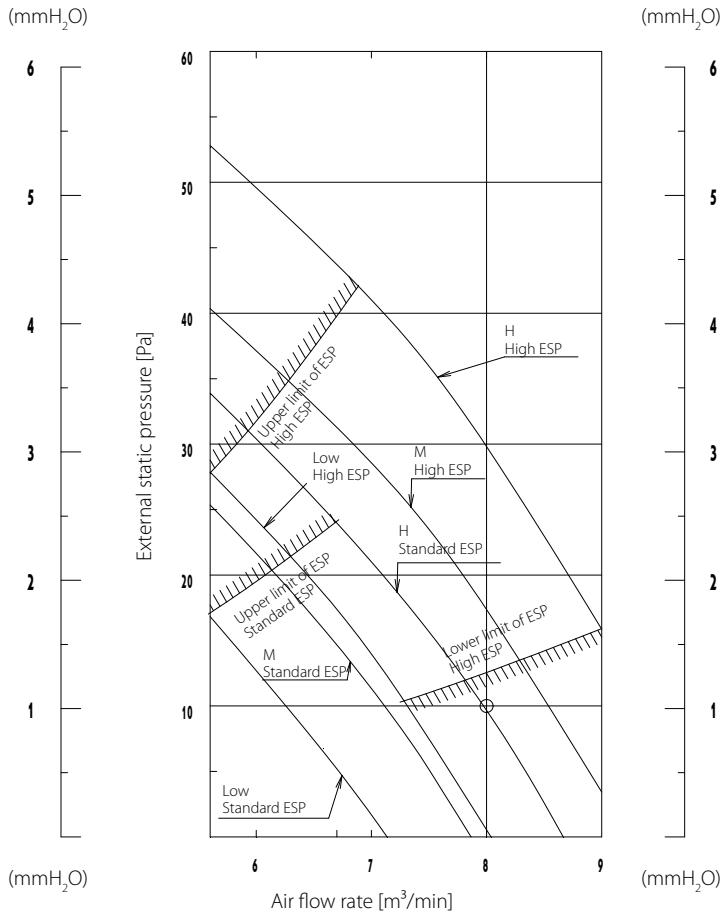
NOTES

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.

3D086736B

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FXDA32A

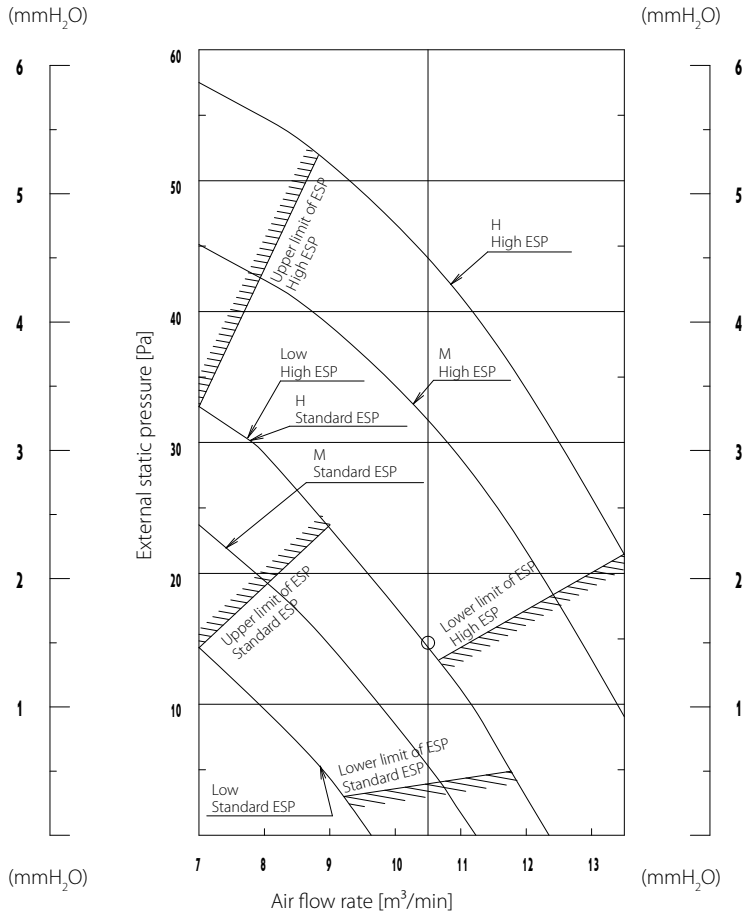


NOTES

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.

3D081425C

FXDA40A



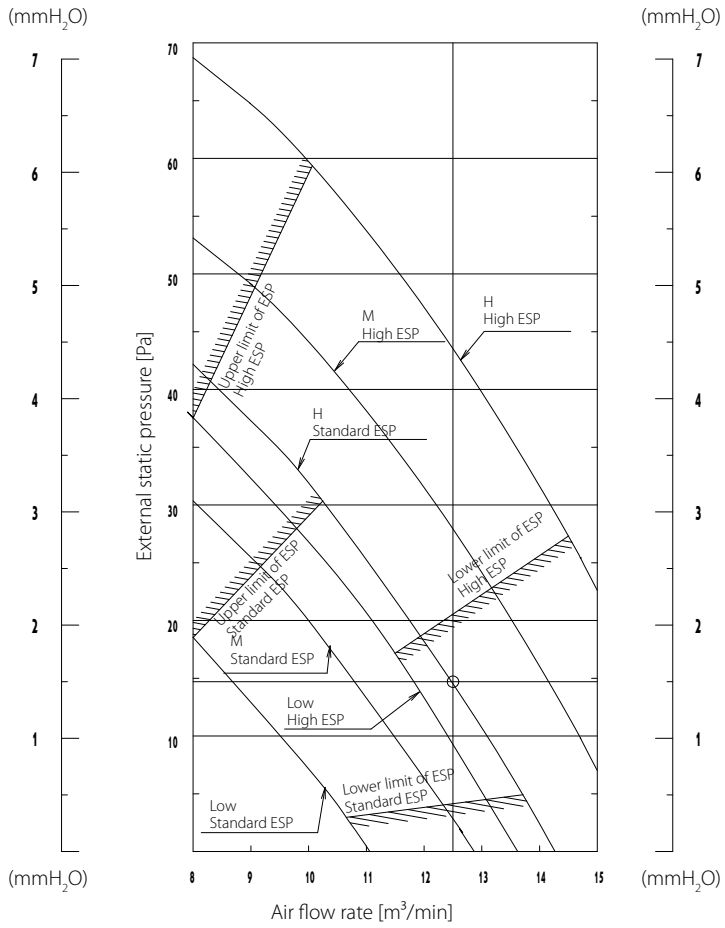
NOTES

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.

3D081426C

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FXDA50A

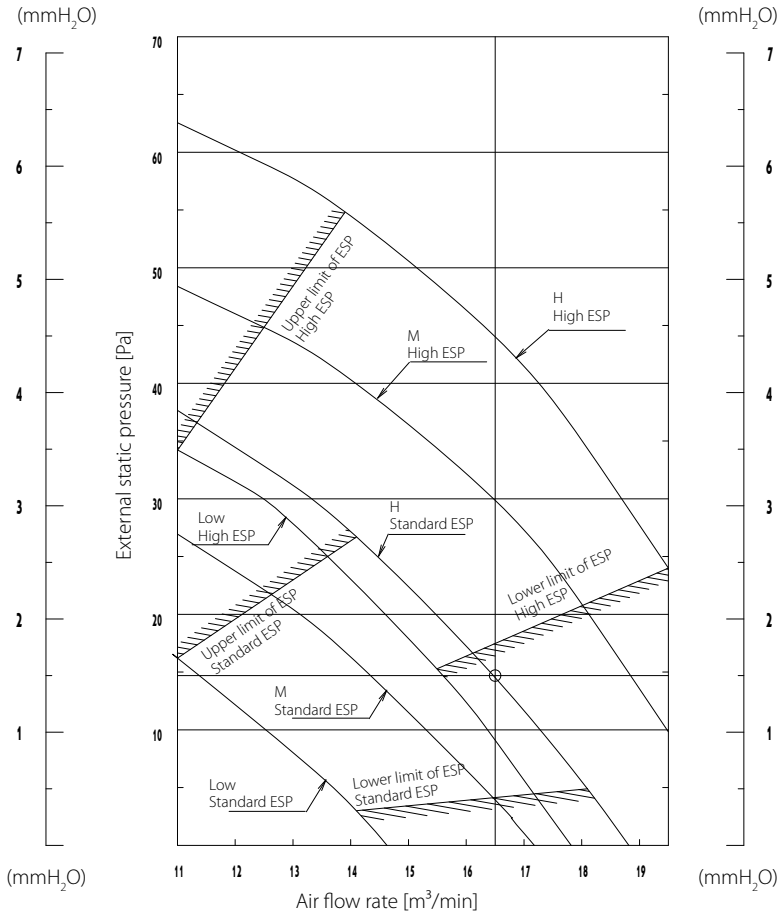


NOTES

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.

3D081427C

FXDA63A



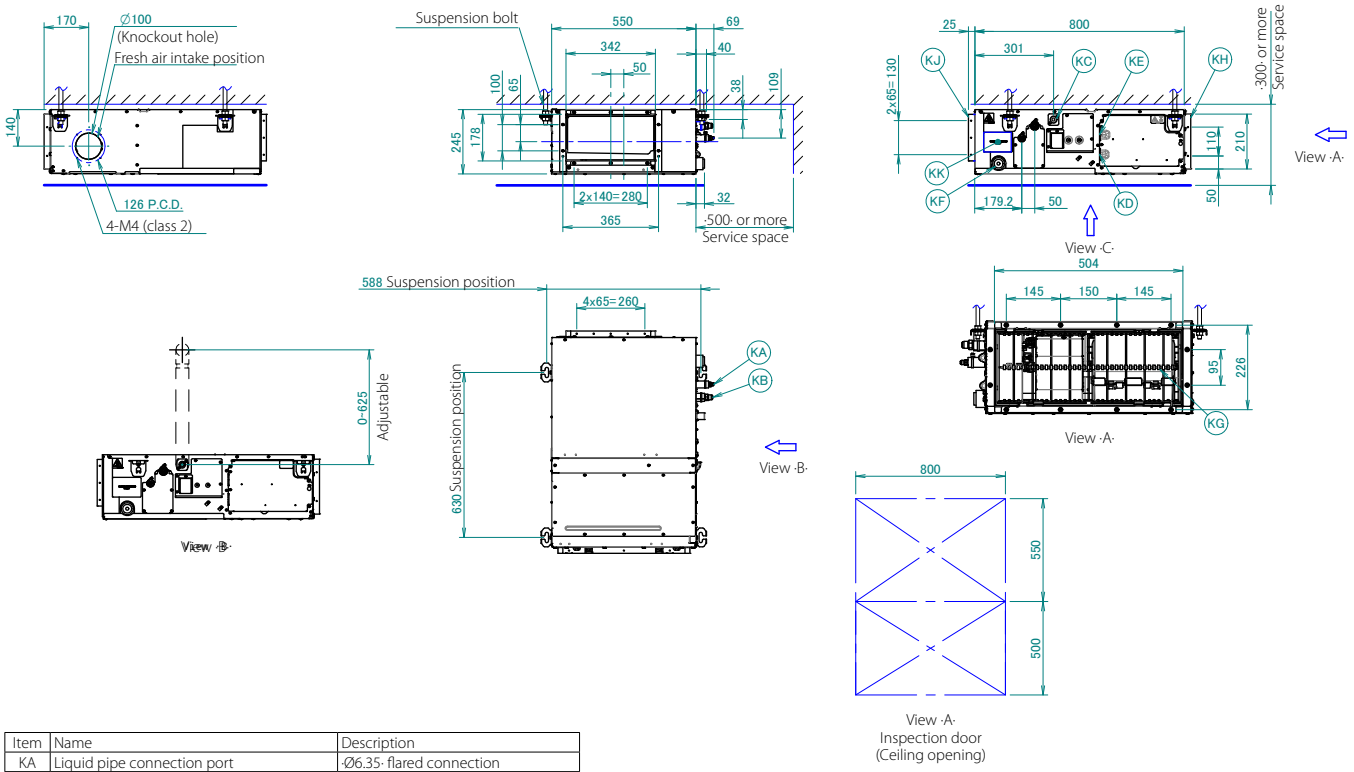
NOTES

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.

3D081429C

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FXSA15-32A



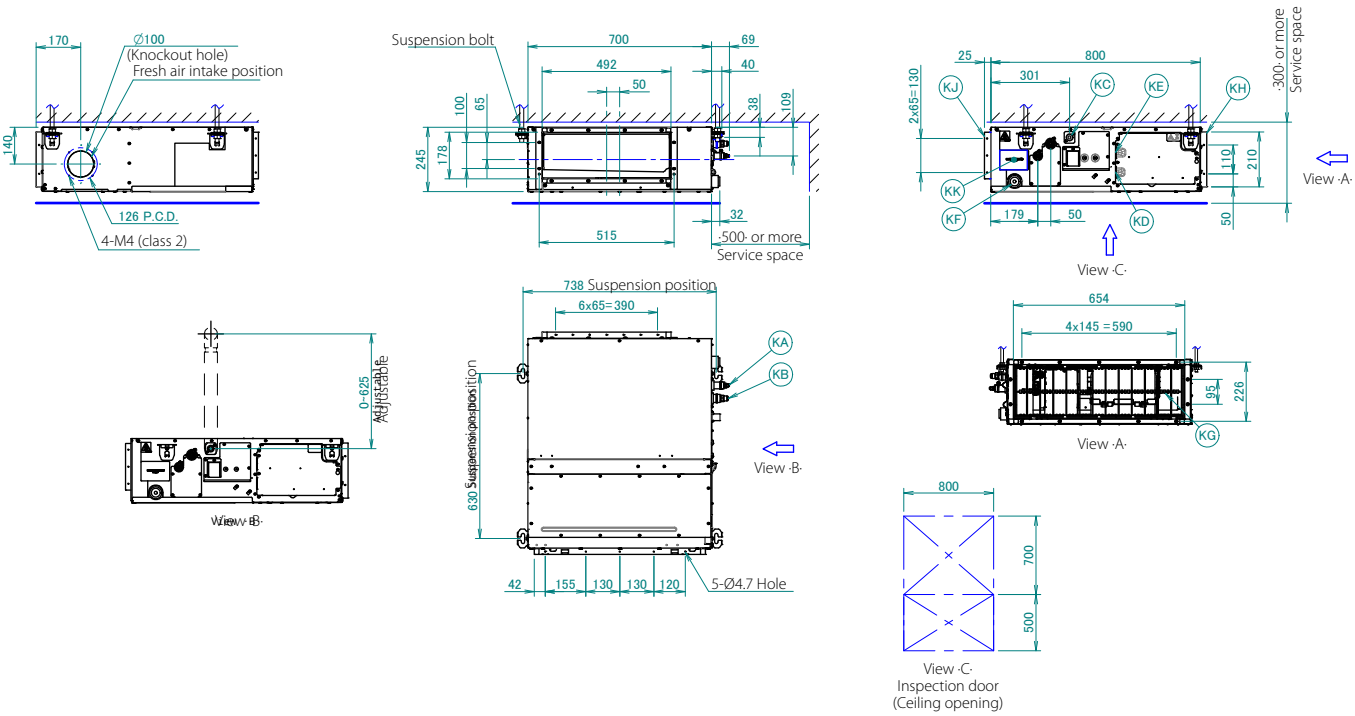
Item	Name	Description
KA	Liquid pipe connection port	·Ø6.35· flared connection
KB	Gas pipe connection port	·Ø9.52· flared connection
KC	Drain pipe connection	VP20 (OD Ø26, ID Ø20)
KD	Wiring connection	/
KE	Power supply connection	/
KF	Drain outlet	VP20 (OD Ø26, ID Ø20)
KG	Air filter	/
KH	Air suction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

NOTES

1. When installing optional accessories, refer to their respective documentation.
2. The ceiling depth varies according to the documentation of the specific system.
3. 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.

3D128686A

FXSA40-50A



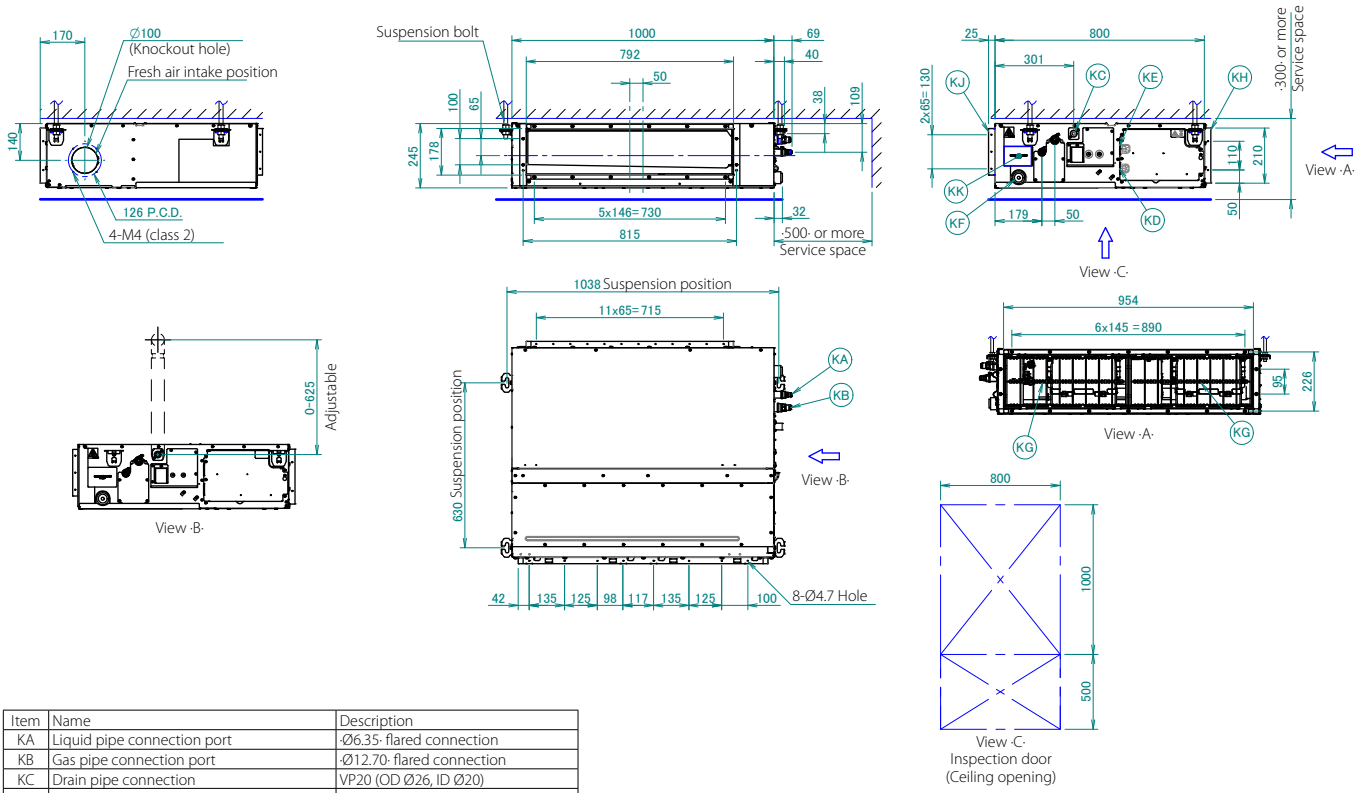
Item	Name	Description
KA	Liquid pipe connection port	·Ø6.35· flared connection
KB	Gas pipe connection port	·Ø12.70· flared connection
KC	Drain pipe connection	VP20 (OD Ø26, ID Ø20)
KD	Wiring connection	/
KE	Power supply connection	/
KF	Drain outlet	VP20 (OD Ø26, ID Ø20)
KG	Air filter	/
KH	Air suction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

NOTES

1. When installing optional accessories, refer to their respective documentation.
2. The ceiling depth varies according to the documentation of the specific system.
3. 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.

3D128715A

FXSA63-80A



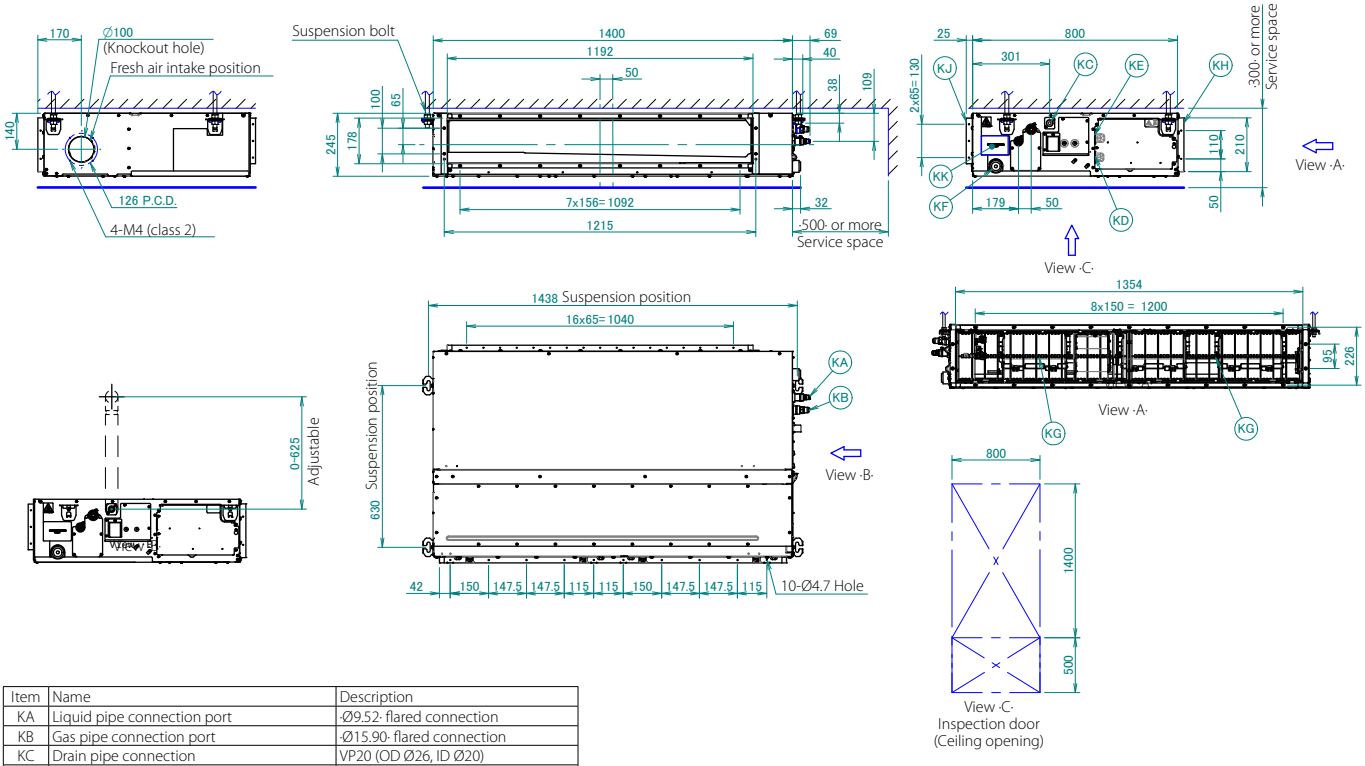
Item	Name	Description
KA	Liquid pipe connection port	Ø6.35 flared connection
KB	Gas pipe connection port	Ø12.70 flared connection
KC	Drain pipe connection	VP20 (OD Ø26, ID Ø20)
KD	Wiring connection	/
KE	Power supply connection	/
KF	Drain outlet	VP20 (OD Ø26, ID Ø20)
KG	Air filter	/
KH	Air suction side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

NOTES

1. When installing optional accessories, refer to their respective documentation.
2. The ceiling depth varies according to the documentation of the specific system.
3. 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

FXSA100-125A



Item	Name	Description
KA	Liquid pipe connection port	Ø9.52 flared connection
KB	Gas pipe connection port	Ø15.90 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	/

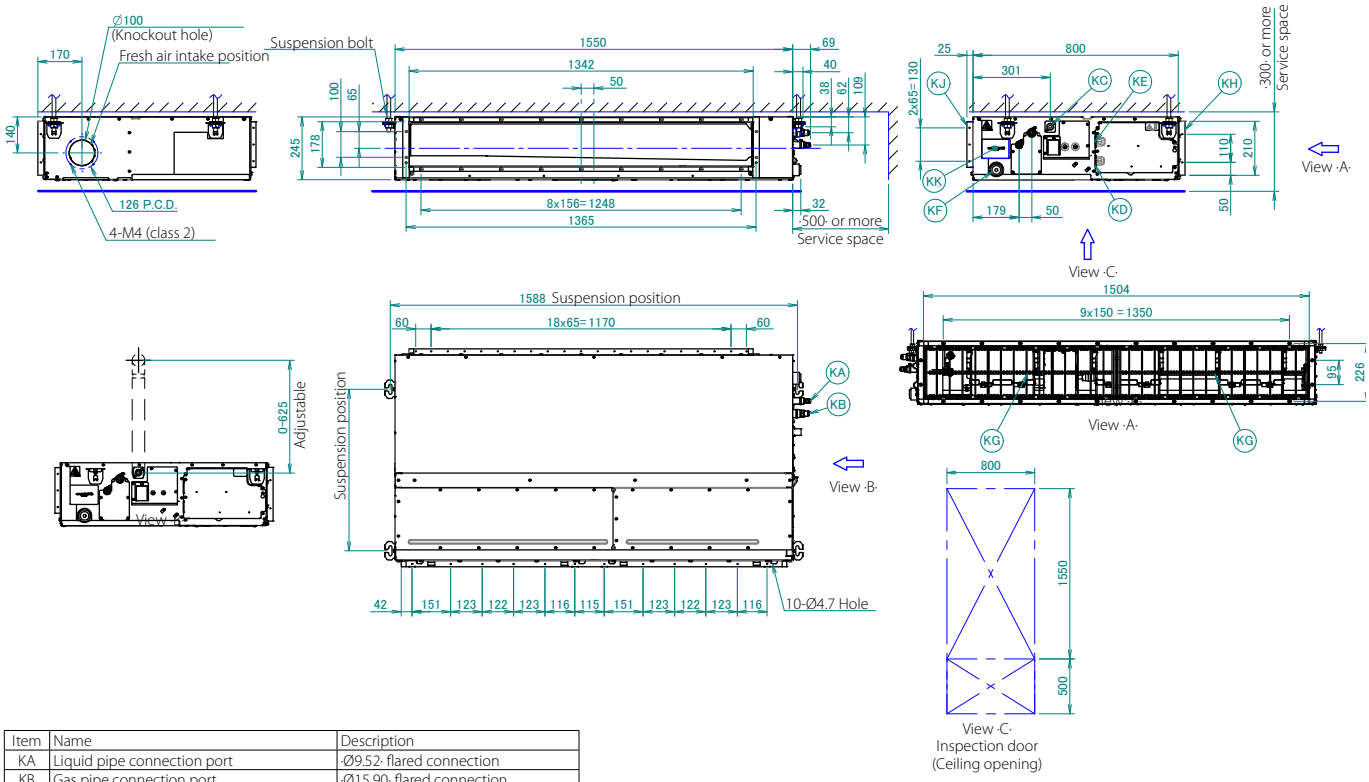
NOTES

1. When installing optional accessories, refer to their respective documentation.
2. The ceiling depth varies according to the documentation of the specific system.
3. 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.

3D128719A

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FXSA140A



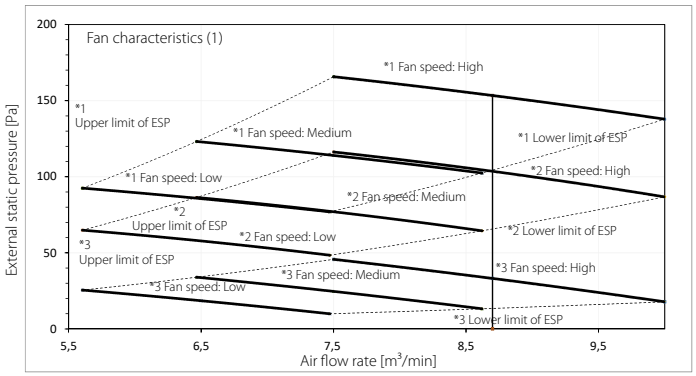
Item	Name	Description
KA	Liquid pipe connection port	·Ø9.52· flared connection
KB	Gas pipe connection port	·Ø15.90· flared connection
KC	Drain pipe connection	VP20 (OD Ø26, ID Ø20)
KD	Wiring connection	/
KE	Power supply connection	/
KF	Drain outlet	VP20 (OD Ø26, ID Ø20)
KG	Air filter	/
KH	Air suction side	/
KJ	Air discharge side	/
KK	Nameplate	/

NOTES

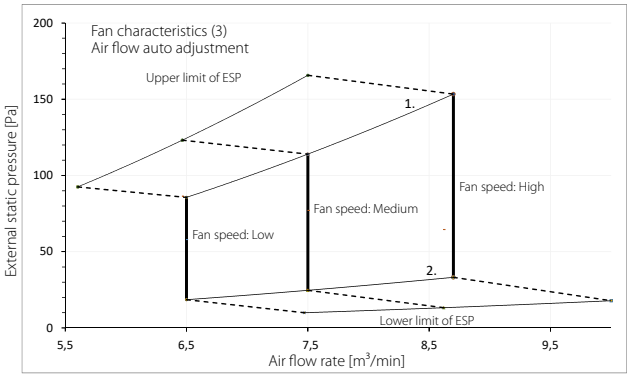
1. When installing optional accessories, refer to their respective documentation.
2. The ceiling depth varies according to the documentation of the specific system.
3. In case of bottom suction, mount the chamber cover to the backside of the unit. For more information, refer to the installation manual.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

3D128720A

FXSA15A

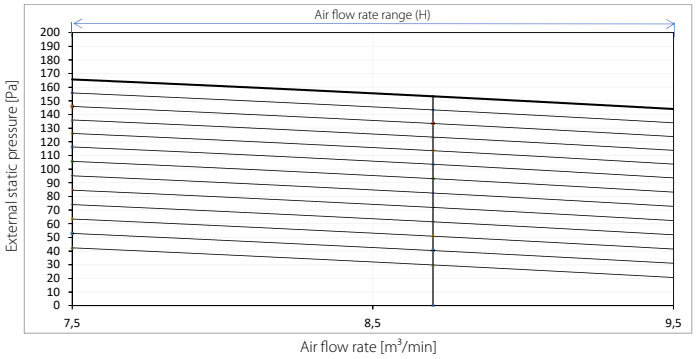


Mark		ESP [Pa]
*1	Maximum	150
*2	-	100
*3	Standard	50



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

Fan characteristics (2)
Field setting with remote control

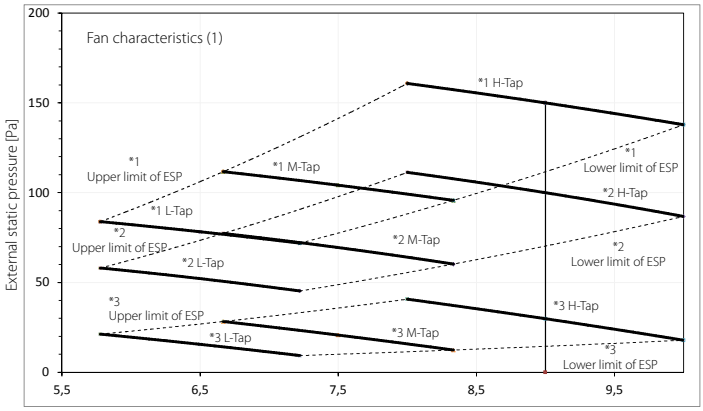


NOTES

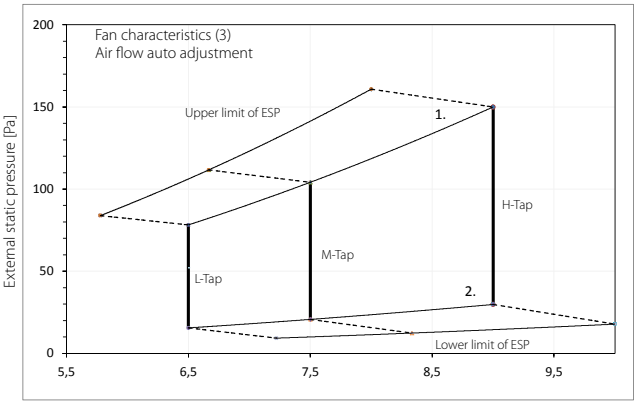
1. The fan characteristics shown are in "fan only" mode.
2. ESP: External Static Pressure

3D096999B

FXSA20-25A

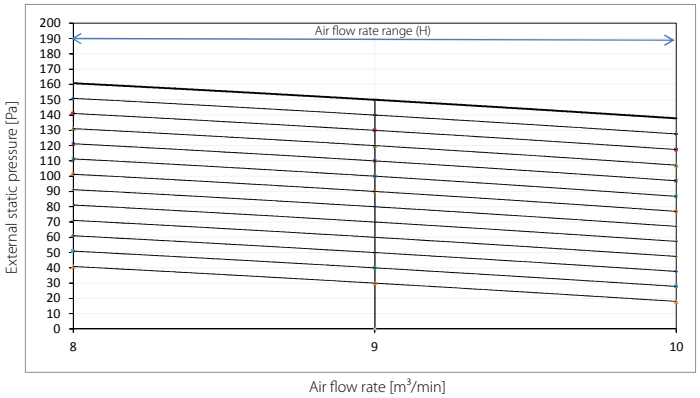


Mark		ESP [Pa]
*1	Maximum	150
*2	-	100
*3	Standard	30



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

Fan characteristics (2)
Field setting with remote control



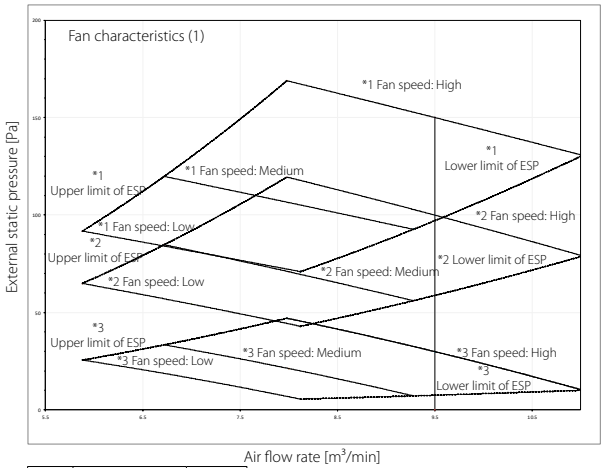
NOTES

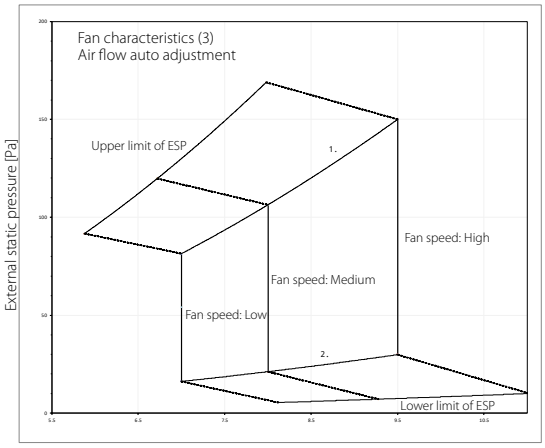
1. The fan characteristics shown are in "fan only" mode.
2. ESP: External Static Pressure

3D095680B

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FXSA32A

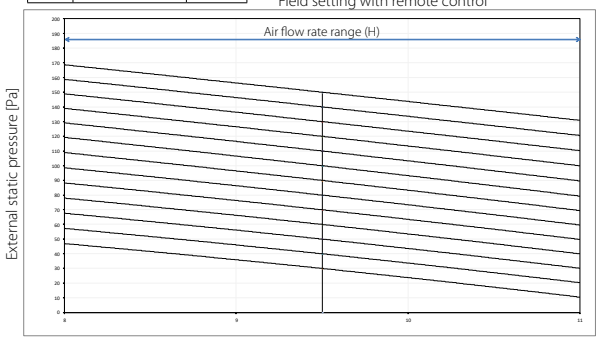




Mark		ESP [Pa]
*1	Maximum	150
*2	-	100
*3	Standard	30

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

Fan characteristics (2)
Field setting with remote control

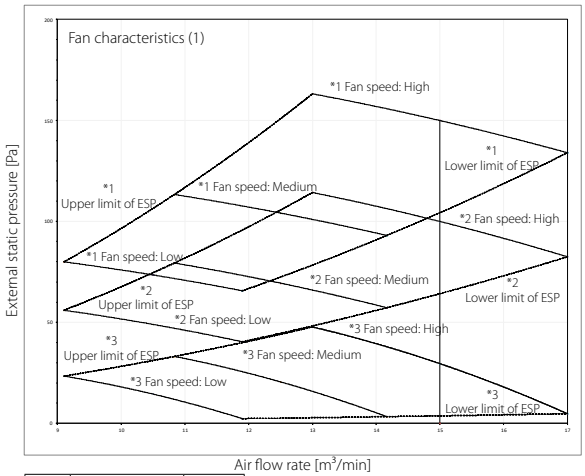


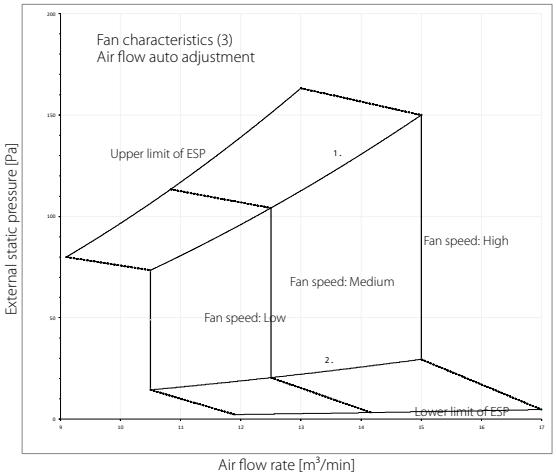
NOTES

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

3D095681B

FXSA40A

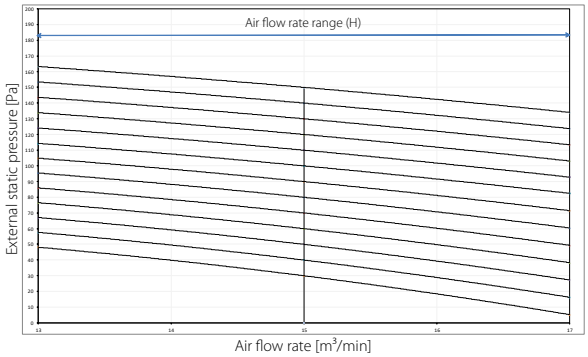




Mark		ESP [Pa]
*1	Maximum	150
*2	-	100
*3	Standard	30

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

Fan characteristics (2)
Field setting with remote control

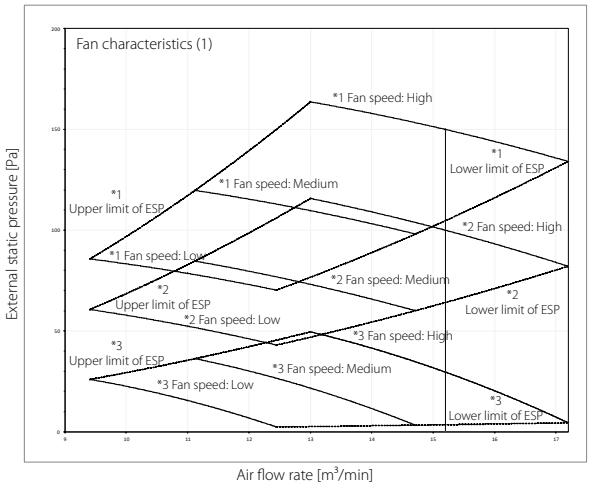


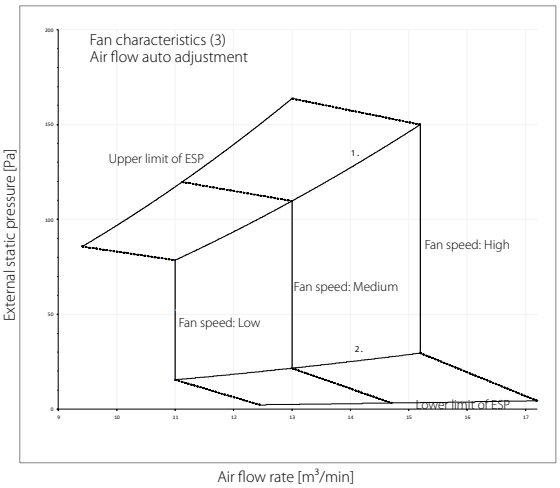
NOTES

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

3D095682B

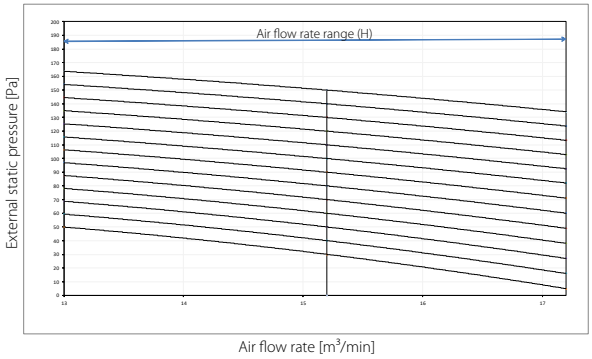
FXSA50A





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

Fan characteristics (2)
Field setting with remote control



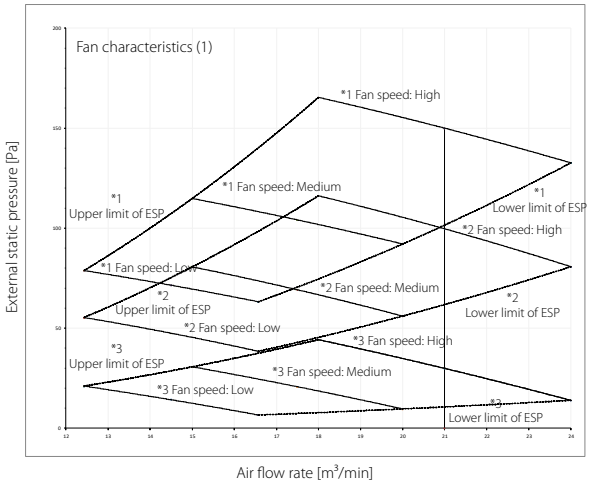
Mark		ESP [Pa]
*1	Maximum	150
*2	-	100
*3	Standard	30

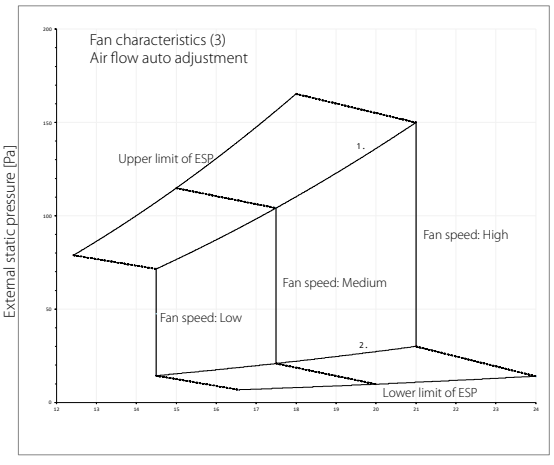
NOTES

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

3D095688B

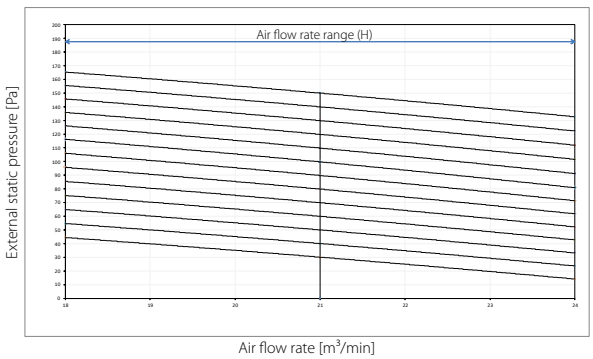
FXSA63A





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

Fan characteristics (2)
Field setting with remote control



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

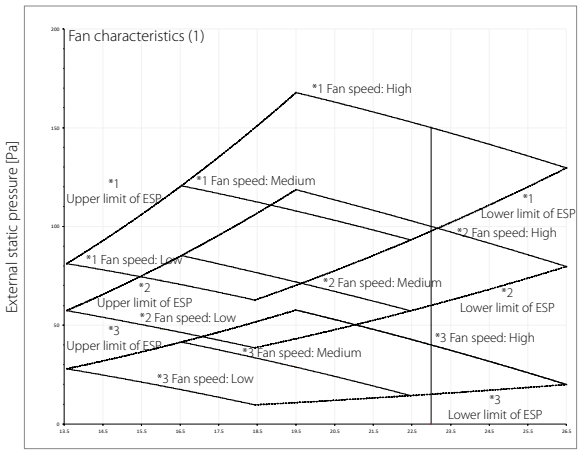
NOTES

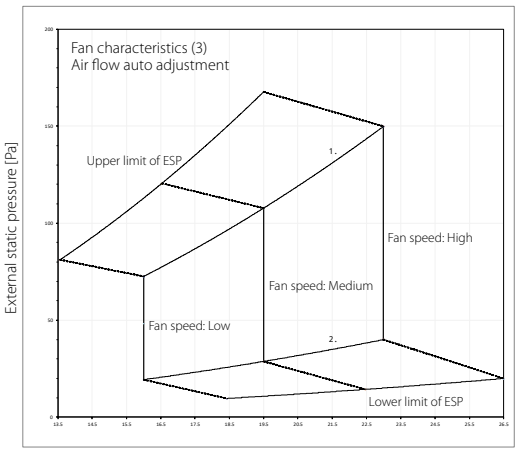
1. The fan characteristics shown are in "fan only" mode.
2. ESP: External Static Pressure

3D095690B

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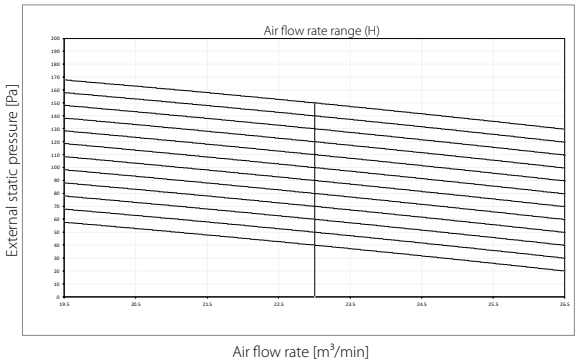
FXSA80A





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

Fan characteristics (2)
Field setting with remote control



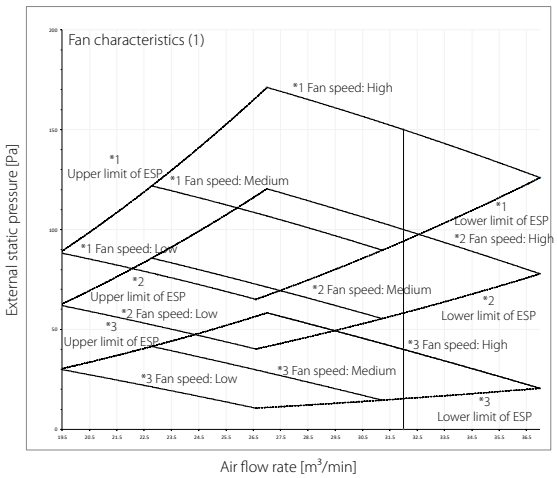
Mark		ESP [Pa]
*1	Maximum	150
*2	-	100
*3	Standard	40

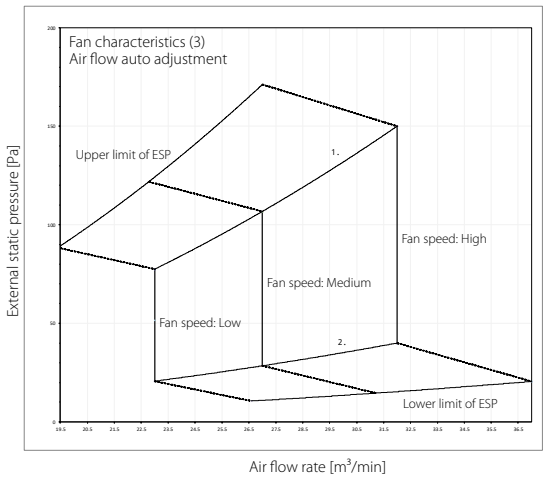
NOTES

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

3D095692B

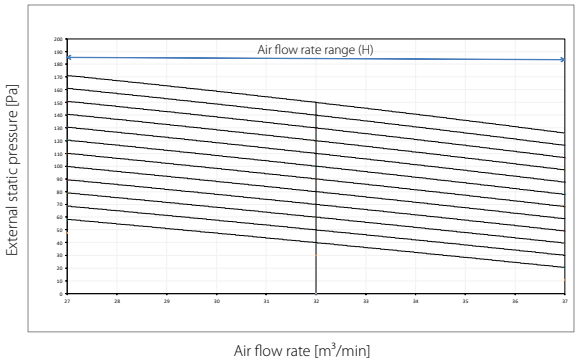
FXSA100A





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

Fan characteristics (2)
Field setting with remote control



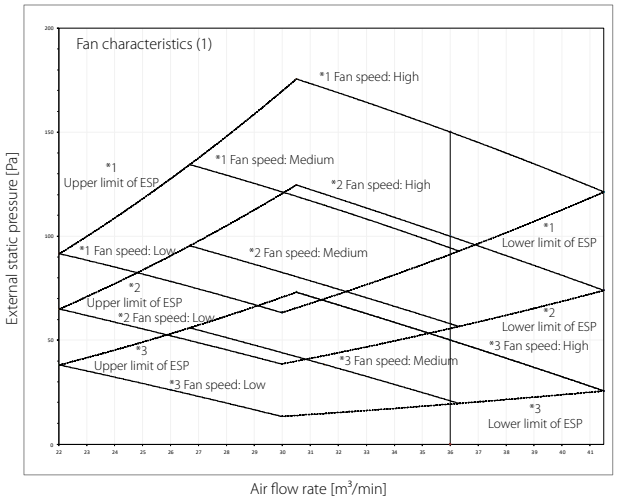
Mark		ESP [Pa]
*1	Maximum	150
*2	-	100
*3	Standard	40

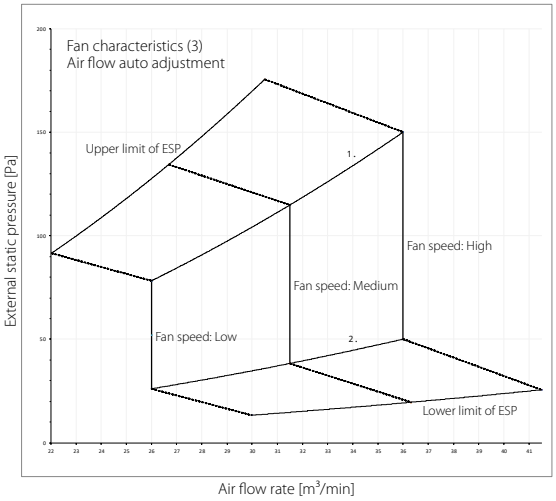
NOTES

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

3D095696B

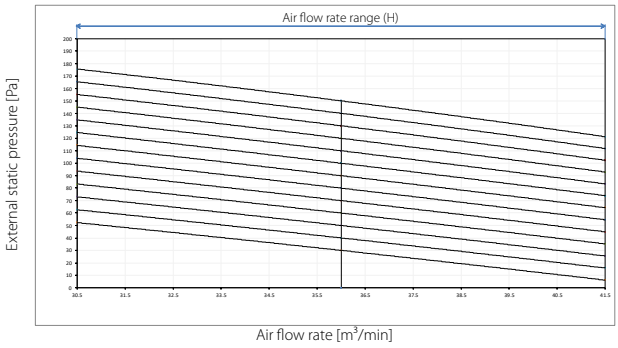
FXSA125A





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

Fan characteristics (2)
Field setting with remote control



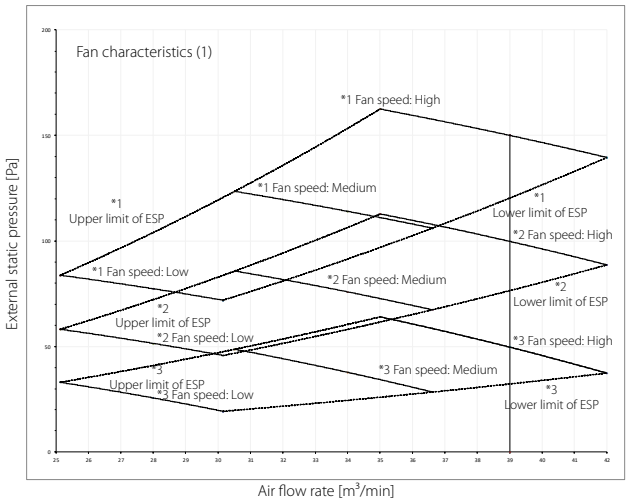
Mark		ESP [Pa]
*1	Maximum	150
*2	-	100
*3	Standard	50

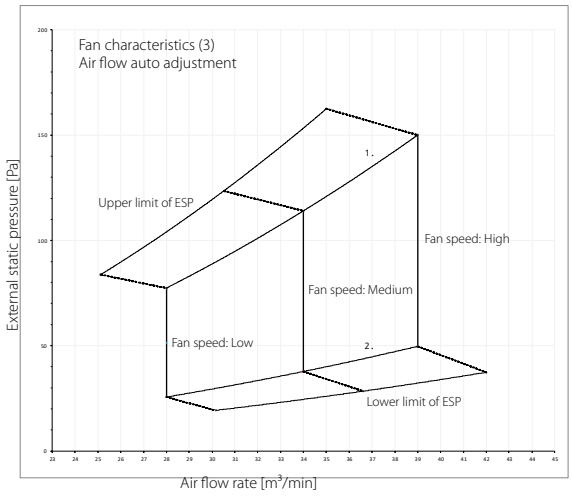
NOTES

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

3D095697B

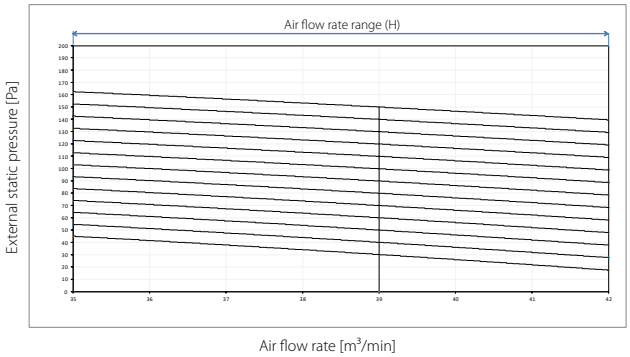
FXSA140A





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

Fan characteristics (2)
Field setting with remote control



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

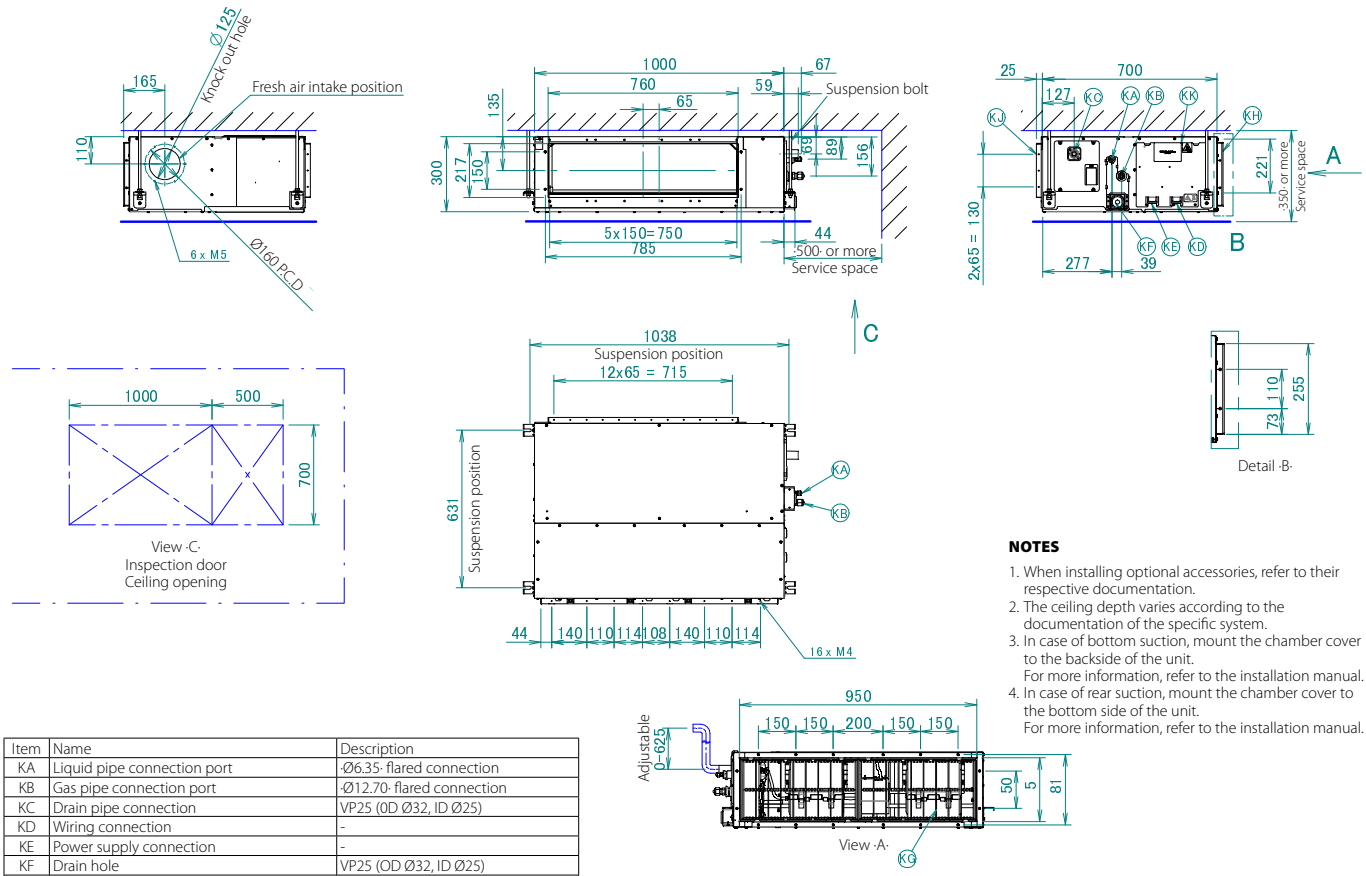
NOTES

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

3D096688B

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FXMA50-80A



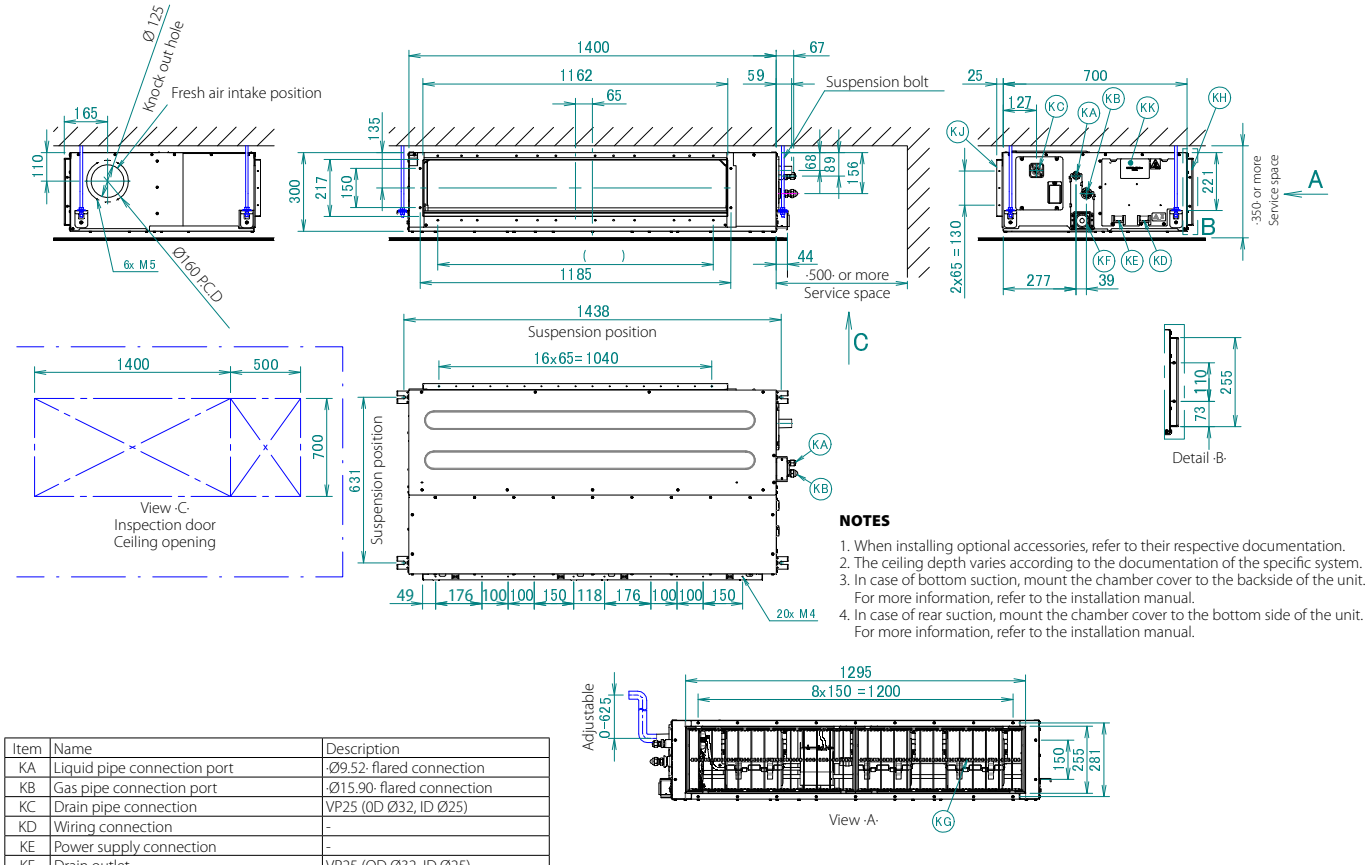
NOTES

1. When installing optional accessories, refer to their respective documentation.
2. The ceiling depth varies according to the documentation of the specific system.
3. 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.

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	VP25 (OD Ø32, ID Ø25)
KD	Wiring connection	-
KE	Power supply connection	-
KF	Drain hole	VP25 (OD Ø32, ID Ø25)
KG	Air filter	-
KH	Air suction side	-
KJ	Air discharge side	-
KK	Nameplate	-

3D139544

FXMA100-125A



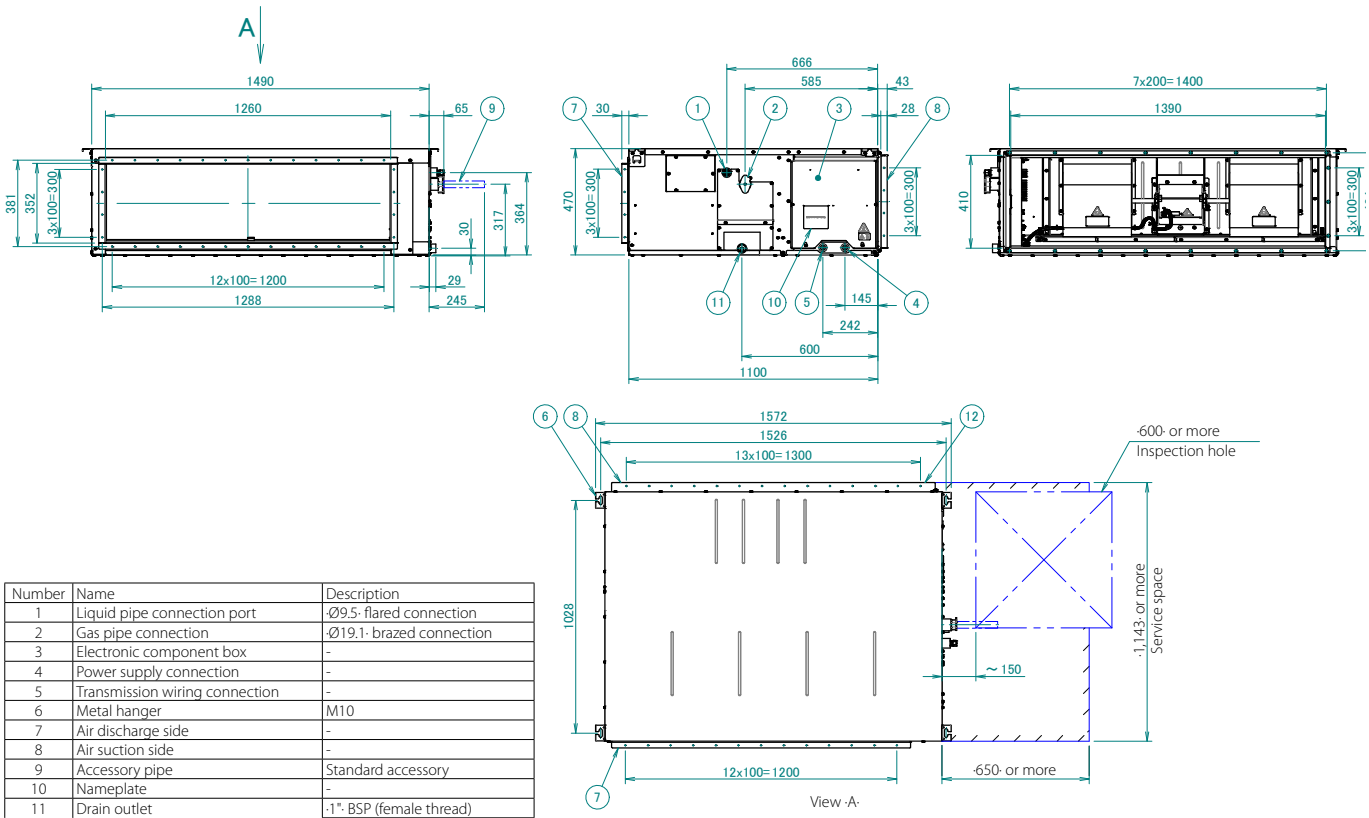
NOTES

1. When installing optional accessories, refer to their respective documentation.
2. The ceiling depth varies according to the documentation of the specific system.
3. 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.

Item	Name	Description
KA	Liquid pipe connection port	·Ø9.52· flared connection
KB	Gas pipe connection port	·Ø15.90· flared connection
KC	Drain pipe connection	VP25 (OD Ø32, ID Ø25)
KD	Wiring connection	-
KE	Power supply connection	-
KF	Drain outlet	VP25 (OD Ø32, ID Ø25)
KG	Air filter	-
KH	Air suction side	-
KJ	Air discharge side	-
KK	Nameplate	-

3D139547

FXMA200-250A



Number	Name	Description
1	Liquid pipe connection port	·Ø9.5· flared connection
2	Gas pipe connection	·Ø19.1· brazed connection
3	Electronic component box	-
4	Power supply connection	-
5	Transmission wiring connection	-
6	Metal hanger	M10
7	Air discharge side	-
8	Air suction side	-
9	Accessory pipe	Standard accessory
10	Nameplate	-
11	Drain outlet	·1"· BSP (female thread)
		Outside diameter: ·Ø33.3·
		Inside diameter: ·Ø30.3·
12	Filter chamber	-

NOTES

1. When installing optional accessories, refer to their respective documentation.
2. The unit nameplate is located on the control box cover.

3D140557

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FXMA200A

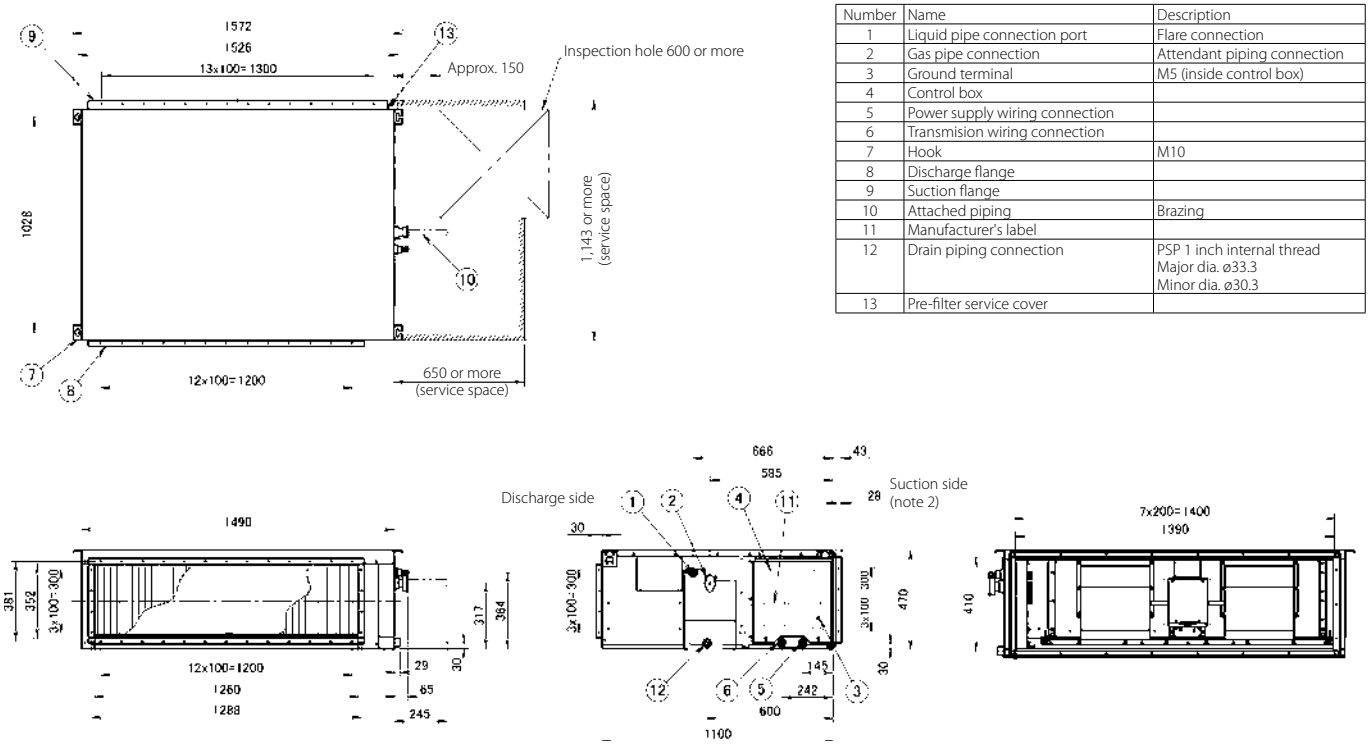
Piping size (Field supply)

Indoor unit	Gas side	Liquid side
FXMA200A	Ø 19.1 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	



3D117990A

FXMA250A

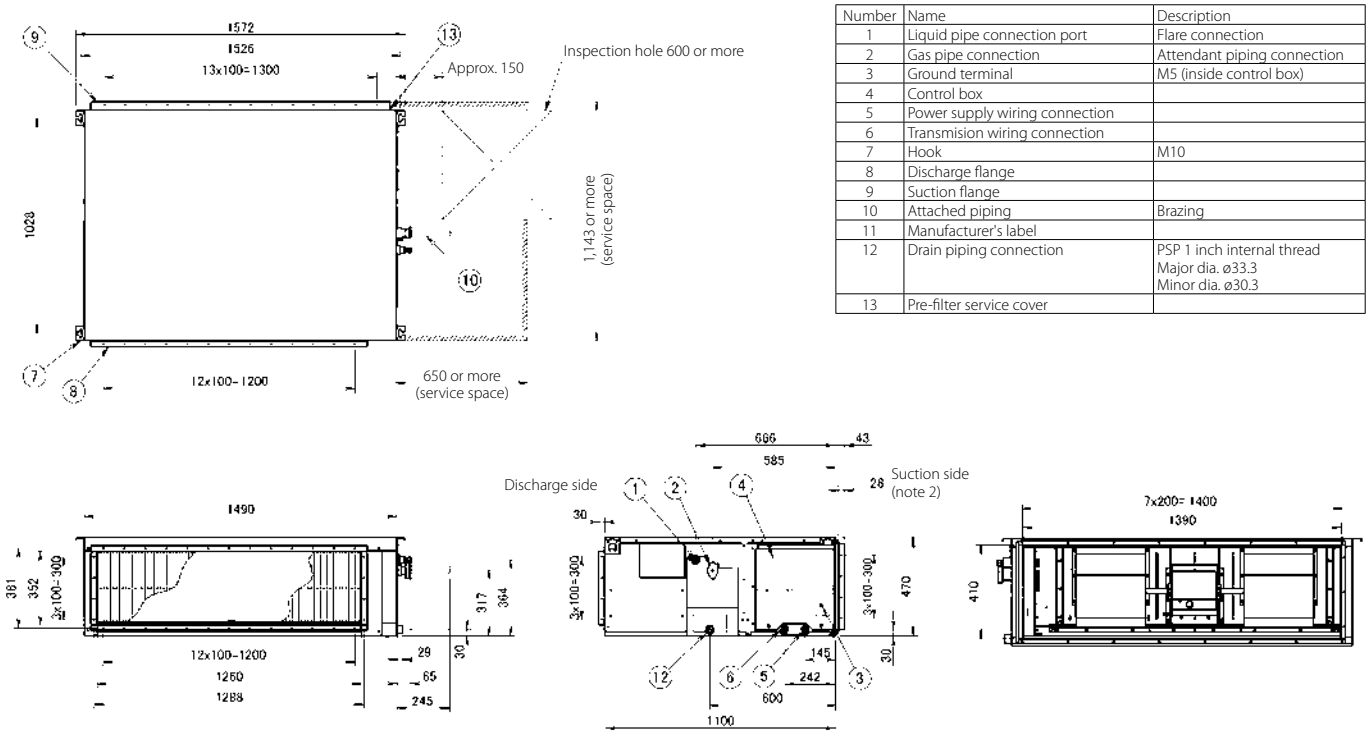
Piping size (Field supply)

Indoor unit	Gas side	Liquid side
FXMA250A	Ø 22.2 attached piping	Ø 9.5

NOTE

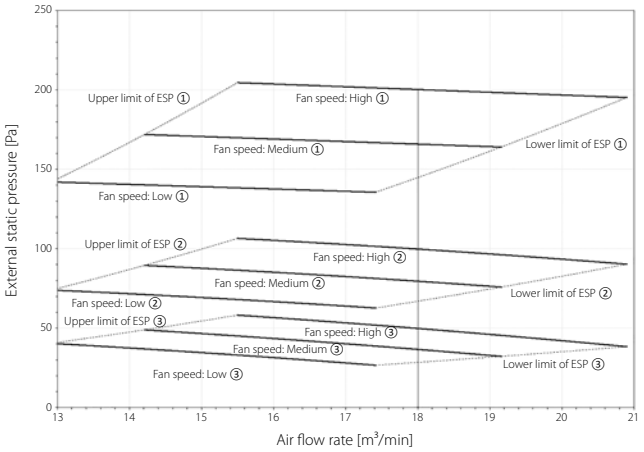
1. Location of unit's manufacturer's label: Control box surface.
2. Mount the air filter at the suction side.
   (Select its dust collection efficiency (gravity method) 50% or more.)

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	

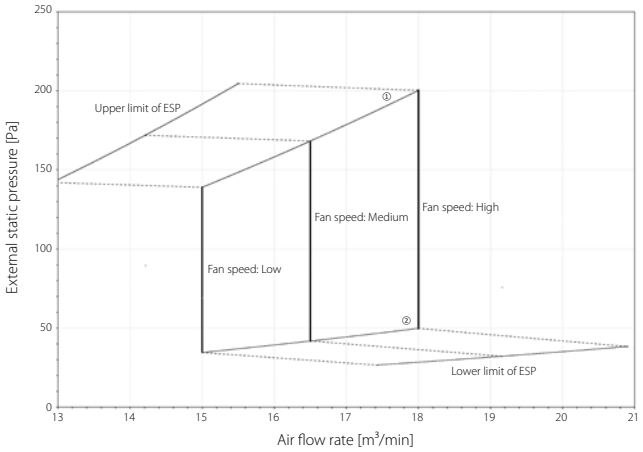


3D121335A

FXMA50A

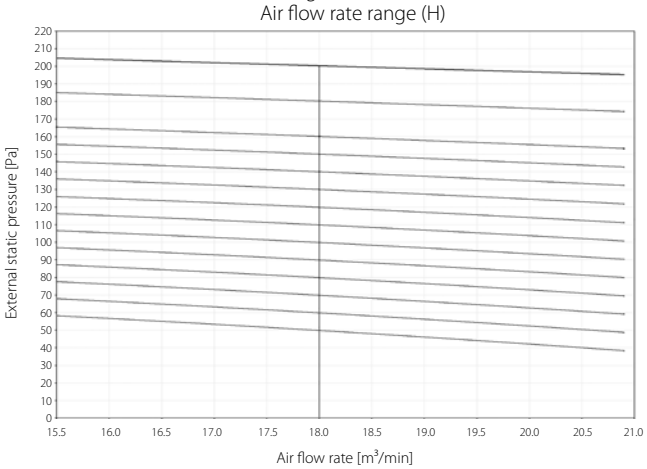


Air flow auto adjustment



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 range (H)



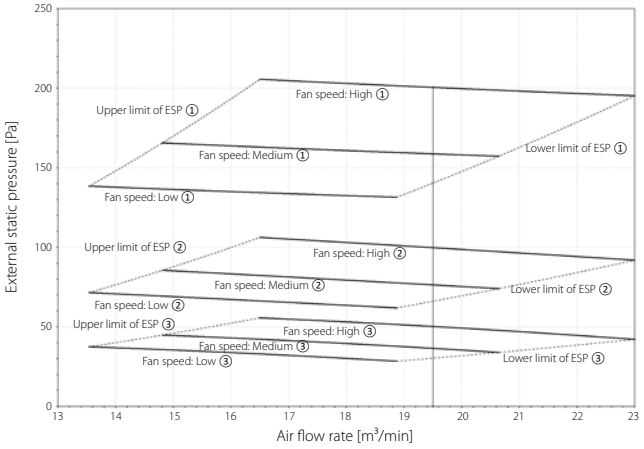
Mark		ESP [Pa]
①	Maximum	200
②	Standard	100
③	Minimum	50

NOTES

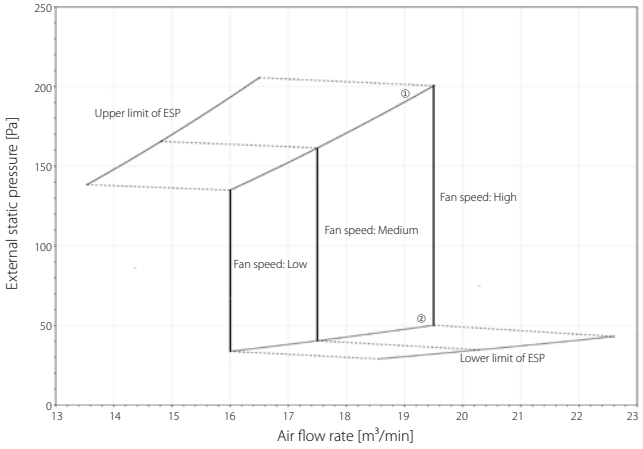
1. The fan characteristics shown are in "fan only" mode.
2. ESP: External static pressure

4D139872

FXMA63A

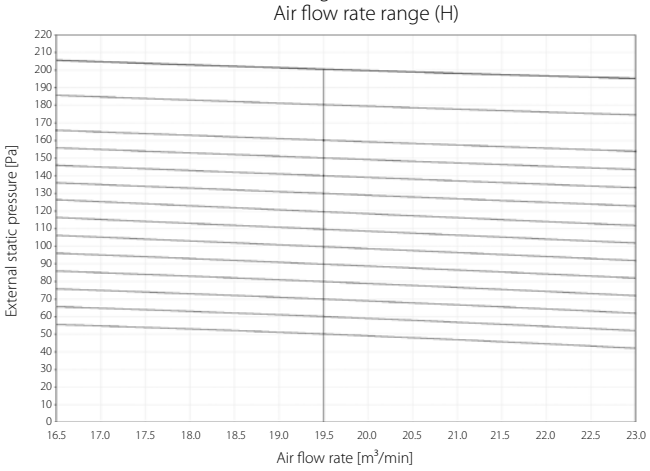


Air flow auto adjustment



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 range (H)



Mark		ESP [Pa]
①	Maximum	200
②	Standard	100
③	Minimum	50

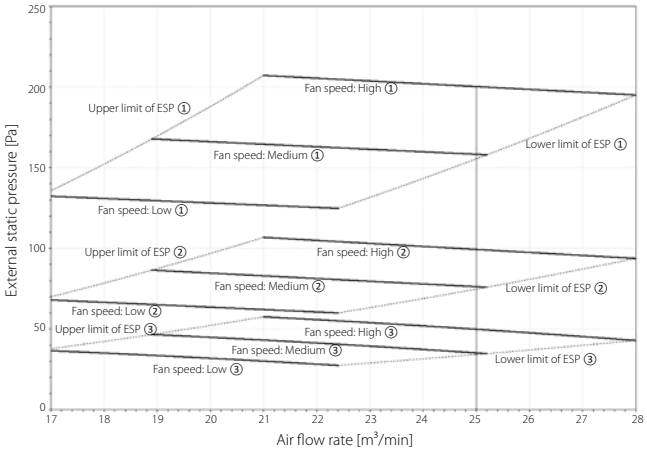
NOTES

1. The fan characteristics shown are in "fan only" mode.
2. ESP: External static pressure

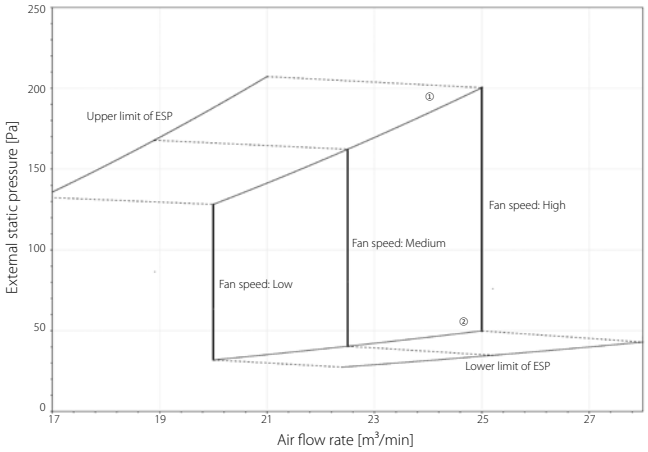
4D139877

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FXMA80A

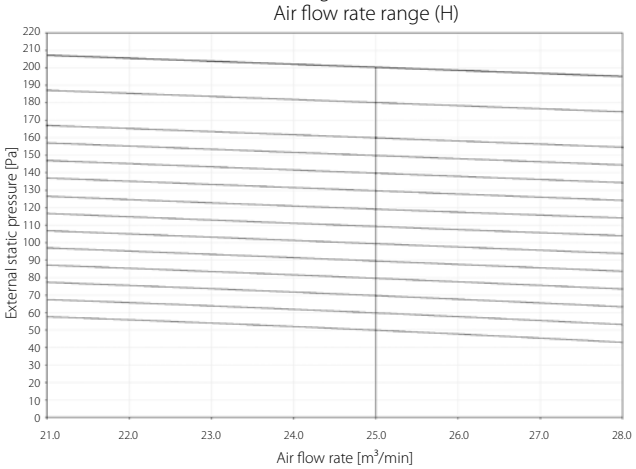


Air flow auto adjustment



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 range (H)



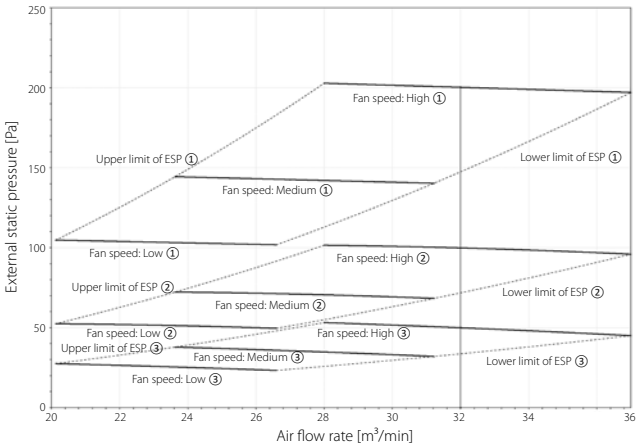
Mark		ESP [Pa]
①	Maximum	200
②	Standard	100
③	Minimum	50

NOTES

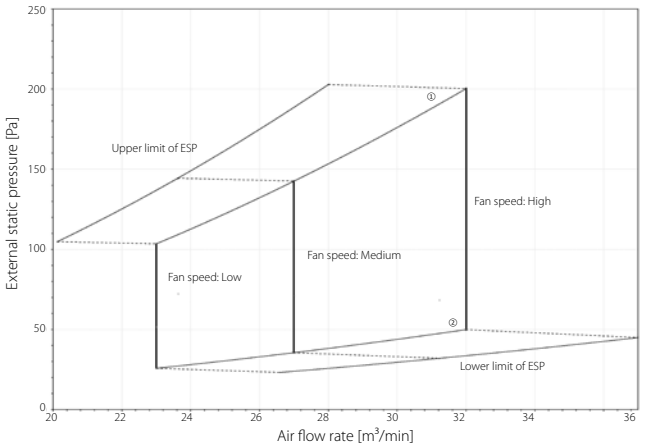
1. The fan characteristics shown are in "fan only" mode.
2. ESP: External static pressure

4D139878

FXMA100A

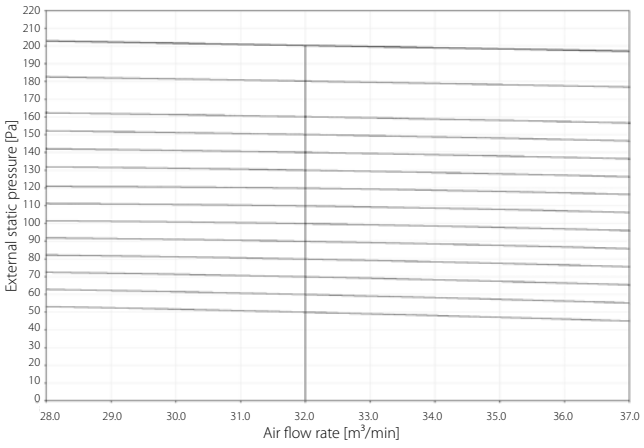


Air flow auto adjustment



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 range (H)



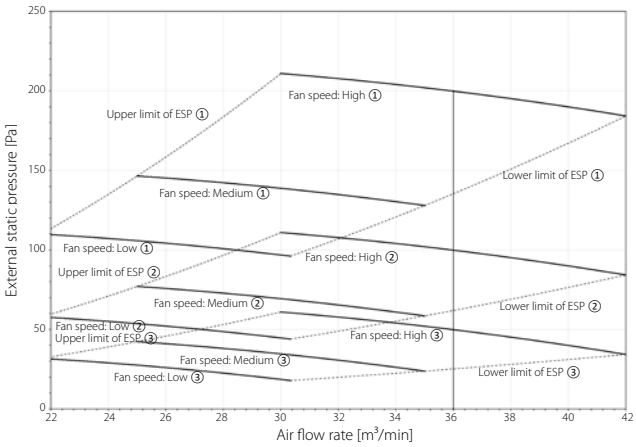
Mark		ESP [Pa]
①	Maximum	200
②	Standard	100
③	Minimum	50

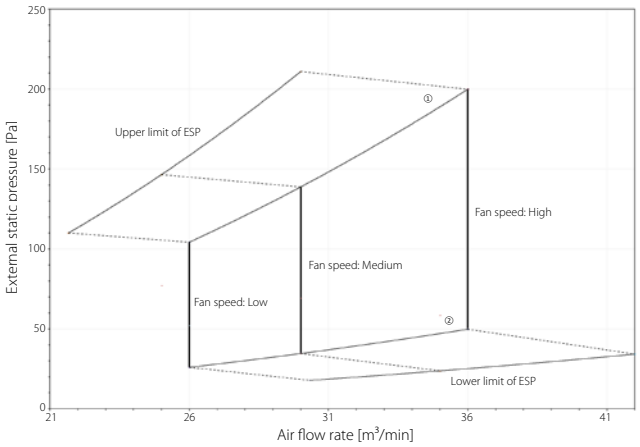
NOTES

1. The fan characteristics shown are in "fan only" mode.
2. ESP: External static pressure

4D139882

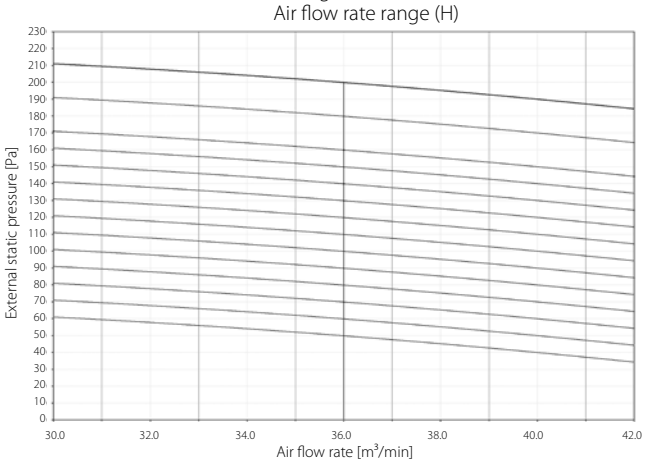
FXMA125A





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 range (H)



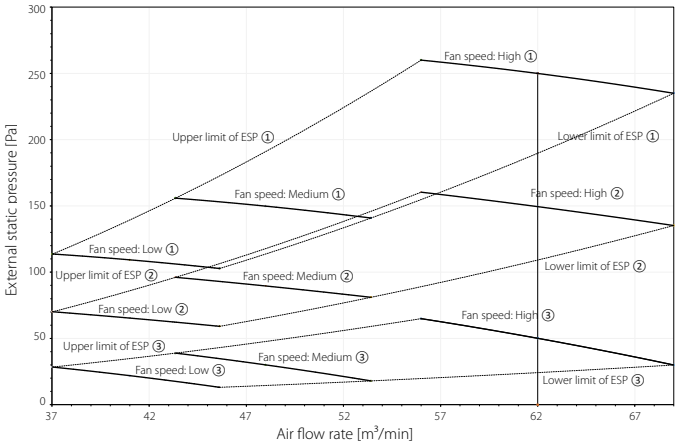
Mark		ESP [Pa]
①	Maximum	200
②	Standard	100
③	Minimum	50

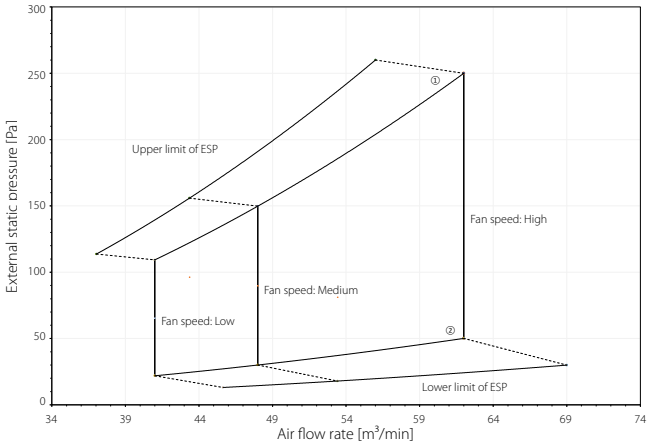
NOTES

1. The fan characteristics shown are in "fan only" mode.
2. ESP: External static pressure

4D139884

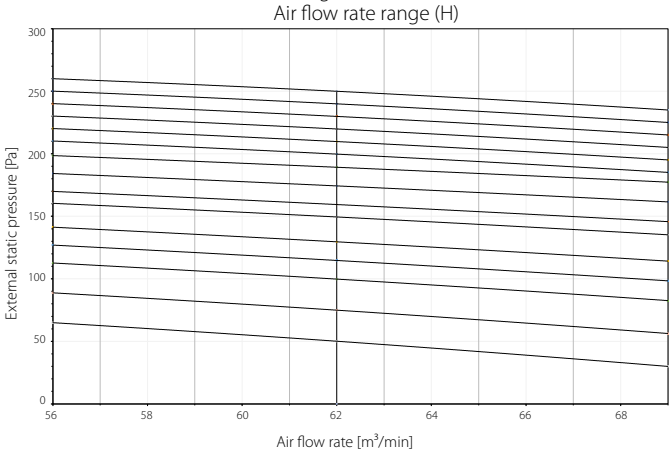
FXMA200A / FXMQ200A





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 range (H)



Mark		ESP [Pa]
①	Maximum	250
②	Standard	150
③	Minimum	50

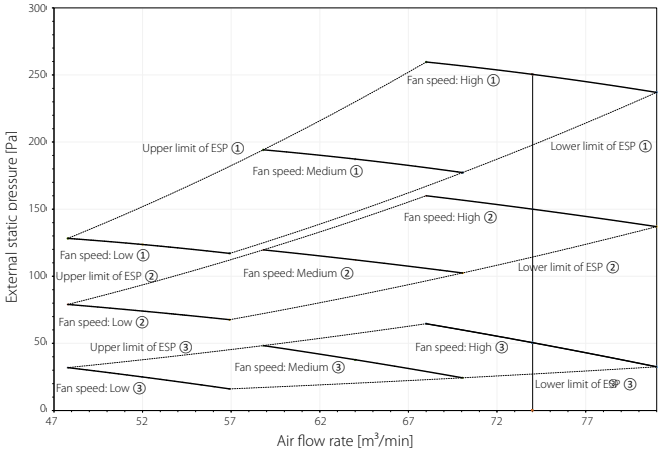
NOTES

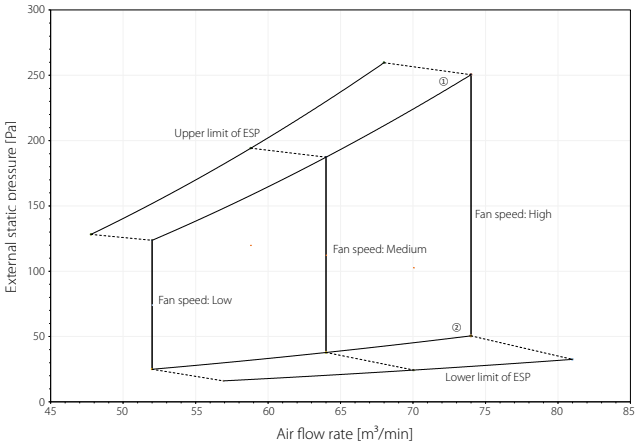
1. The fan characteristics shown are in "fan only" mode.
2. ESP: External static pressure

4D140823

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

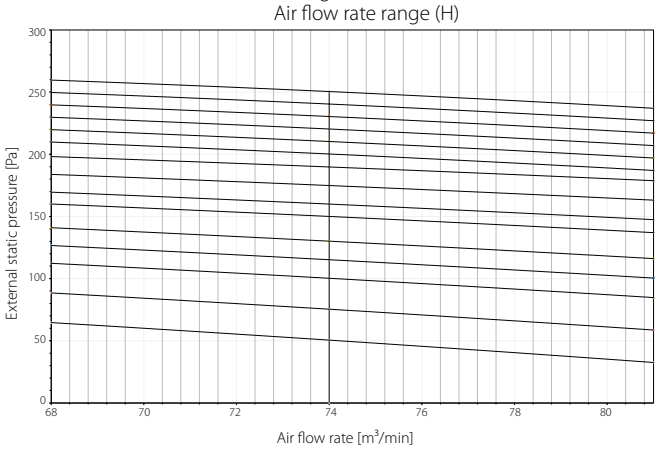
FXMA250A / FXMQ250A





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 range (H)



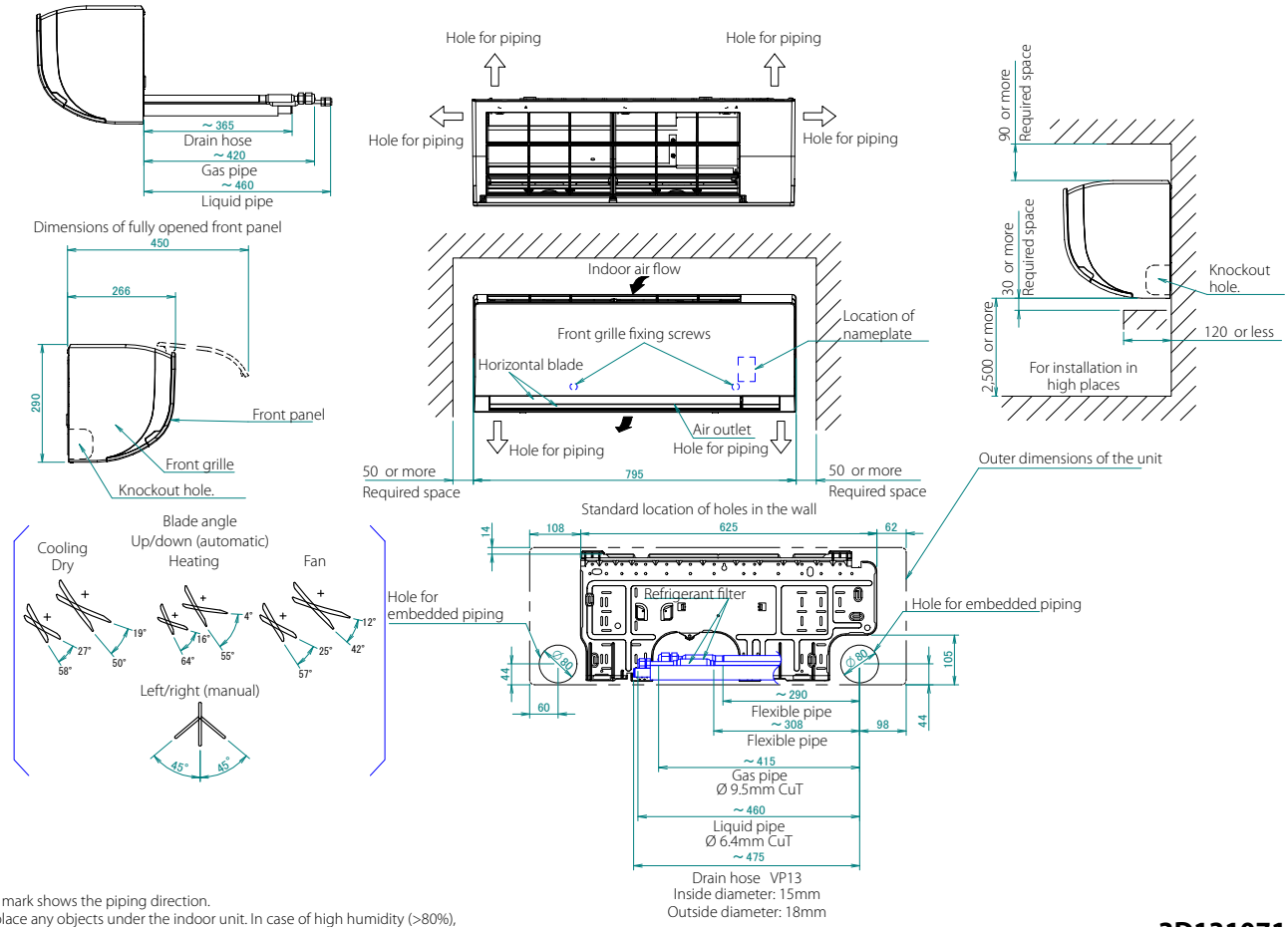
Mark		ESP [Pa]
①	Maximum	250
②	Standard	150
③	Minimum	50

NOTES

1. The fan characteristics shown are in "fan only" mode.
2. ESP: External static pressure

4D140824

FXAA15-32A

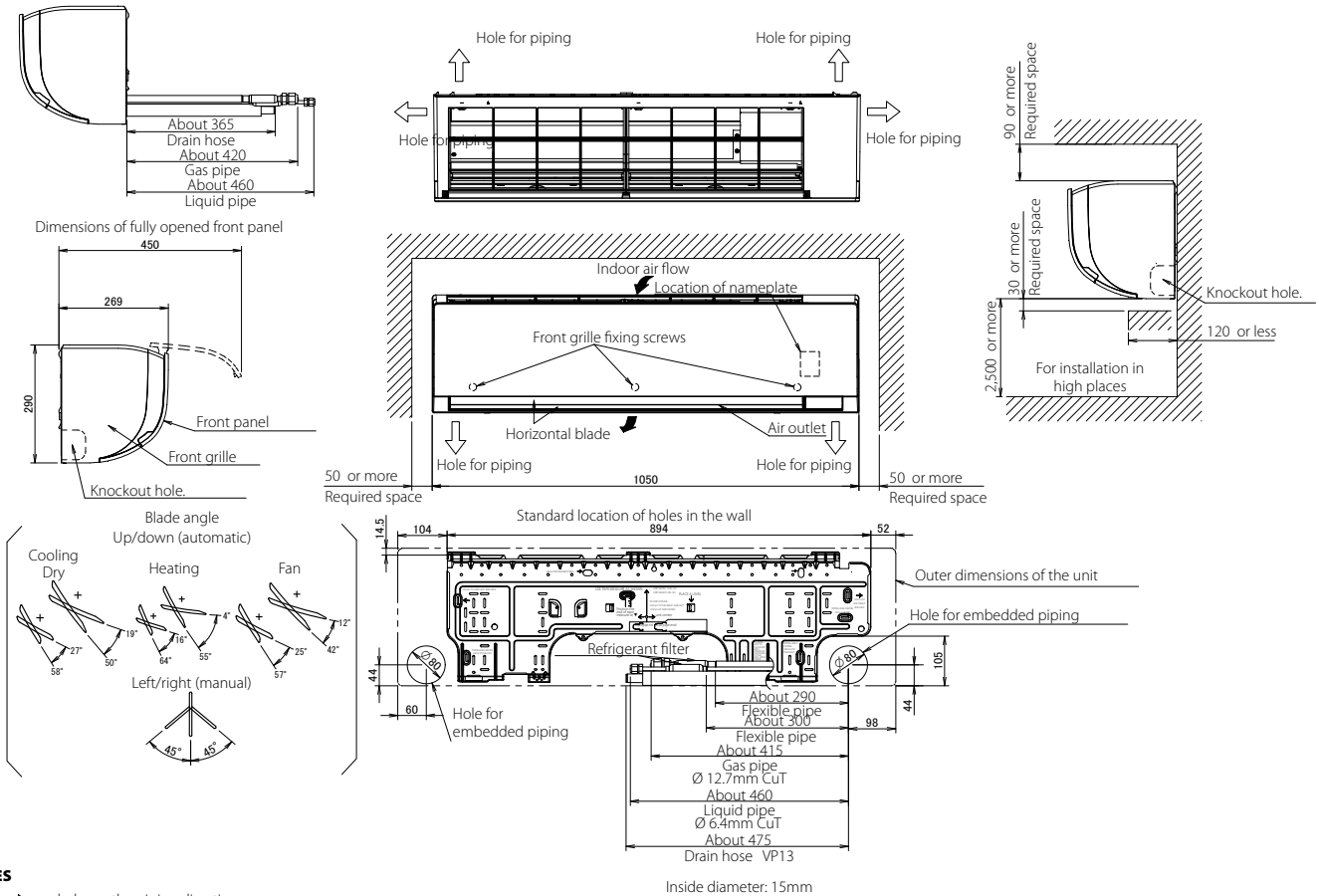


NOTES

1. The ⇨ 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.

3D131071

FXAA40-63A



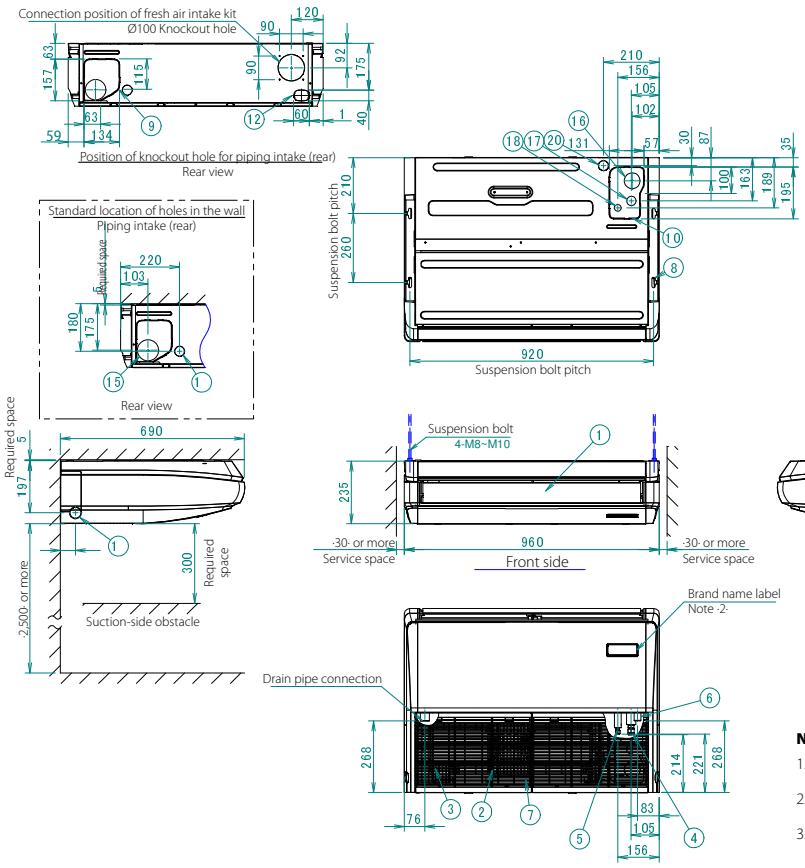
NOTES

1. The ⇨ 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

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

FXHA32A



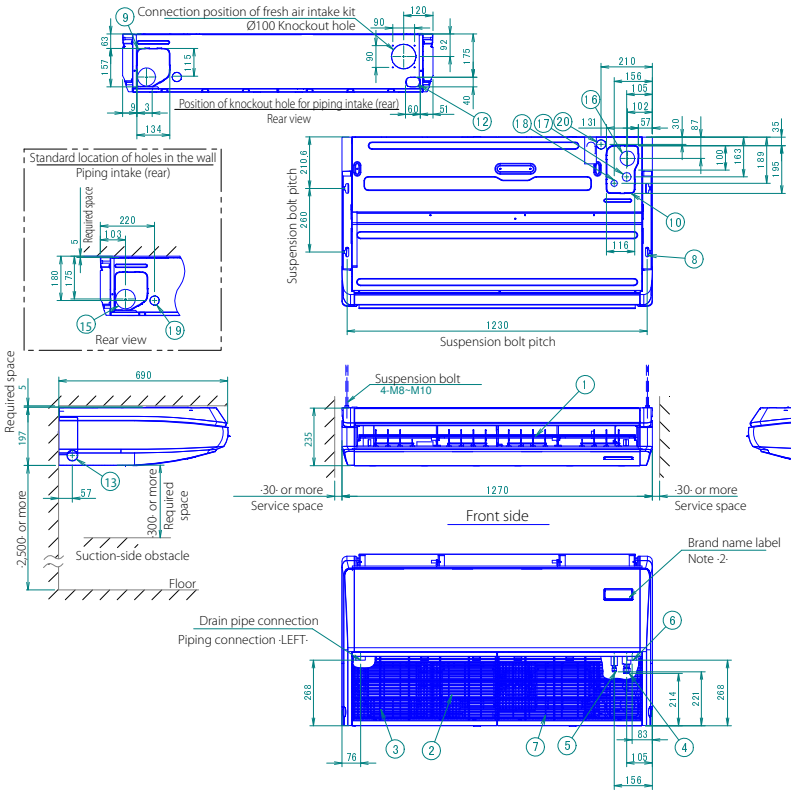
Item	Name	Description
1	Air discharge grille	-
2	Air suction grille	-
3	Air filter	-
4	Gas pipe connection	-Ø9.5- flare
5	Liquid pipe connection	-Ø6.4- flare
6	Drain pipe connection	VP20
7	Terminal block with earth terminal Located inside of the unit	M4
8	Metal hanger	-
9	Position of knockout hole	Rear side
10	Position of knockout hole	Top
11	Piping intake (right)	Knockout hole
12	Drain piping intake (left-rear)	Knockout hole
13	Drain piping intake (left)	Knockout hole
14	Drain piping intake (right)	Knockout hole
15	Standard location of holes in the wall Piping intake (rear)	Ø 100
16	Drain piping intake (top)	Ø 60
17	Gas piping intake (top)	Ø 36
18	Liquid piping intake (top)	Ø 26
19	Power supply wiring and control wiring intake (rear)	Ø 29
20	Power supply wiring and control wiring intake (top)	Ø 29

NOTES

1. Location of nameplate
   Bottom of the fan housing 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. 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.

3D106574A

FXHA50-63A



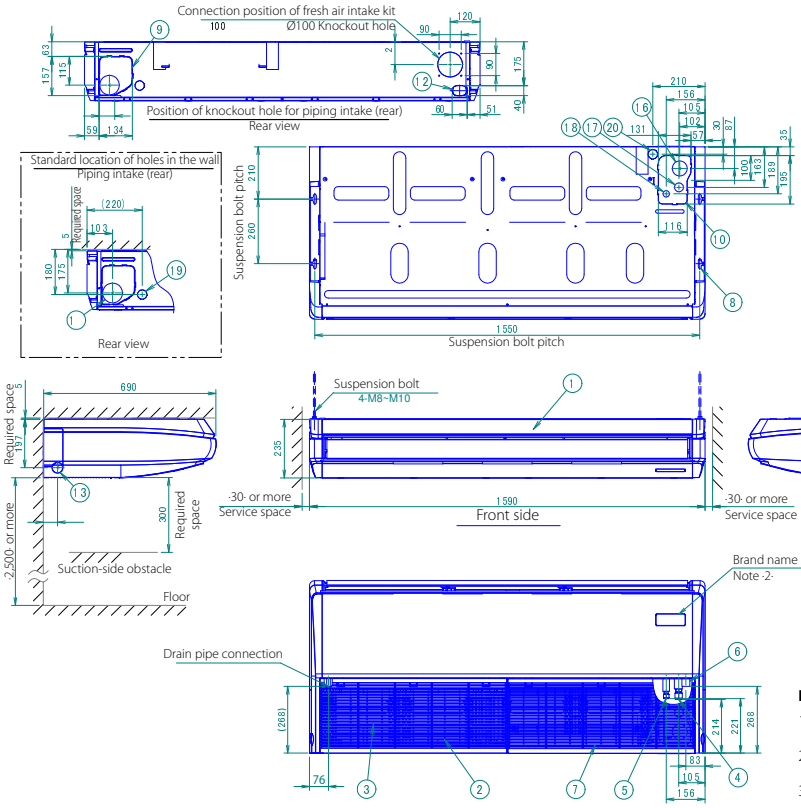
Item	Name	Description
1	Air discharge grille	-
2	Air suction grille	-
3	Air filter	-
4	Gas pipe	Ø12.7 FLARE
5	Liquid pipe	Ø6.4 FLARE
6	Drain pipe connection	VP20
7	Terminal block with earth terminal Located inside of the unit	M4
8	Metal hanger	-
9	Position of knockout hole	Rear side
10	Position of knockout hole	Top
11	Piping intake (right)	Knockout hole
12	Drain piping intake (left-rear)	Knockout hole
13	Drain piping intake (left)	Knockout hole
14	Drain piping intake (right)	Knockout hole
15	Standard location of holes in the wall Piping intake (rear)	Ø 100
16	Drain piping intake (top)	Ø 60
17	Gas piping intake (top)	Ø 36
18	Liquid piping intake (top)	Ø 26
19	Power supply wiring and control wiring intake (rear)	Ø 29
20	Power supply wiring and control wiring intake (top)	Ø 29

NOTES

1. Location of nameplate
   Bottom of the fan housing 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. 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.

3D106552

FXHA100A



Item	Name	Description
1	Air discharge grille	-
2	Air suction grille	-
3	Air filter	-
4	Gas pipe connection	·Ø15.9· flare
5	Liquid pipe connection	·Ø9.5· flare
6	Drain pipe connection	VP20
7	Terminal block with earth terminal Located inside of the unit	M4
8	Metal hanger	-
9	Position of knockout hole	Rear side
10	Position of knockout hole	Top
11	Piping intake (right)	Knockout hole
12	Drain piping intake (left)	Knockout hole
13	Drain piping intake (left-rear)	Knockout hole
14	Drain piping intake (left)	Knockout hole
15	Standard location of holes in the wall Piping intake (rear)	Ø 100
16	Drain piping intake (top)	Ø 60
17	Gas piping intake (top)	Ø 36
18	Liquid piping intake (top)	Ø 26
19	Power supply wiring and control wiring intake (rear)	Ø 29
20	Power supply wiring and control wiring intake (top)	Ø 29

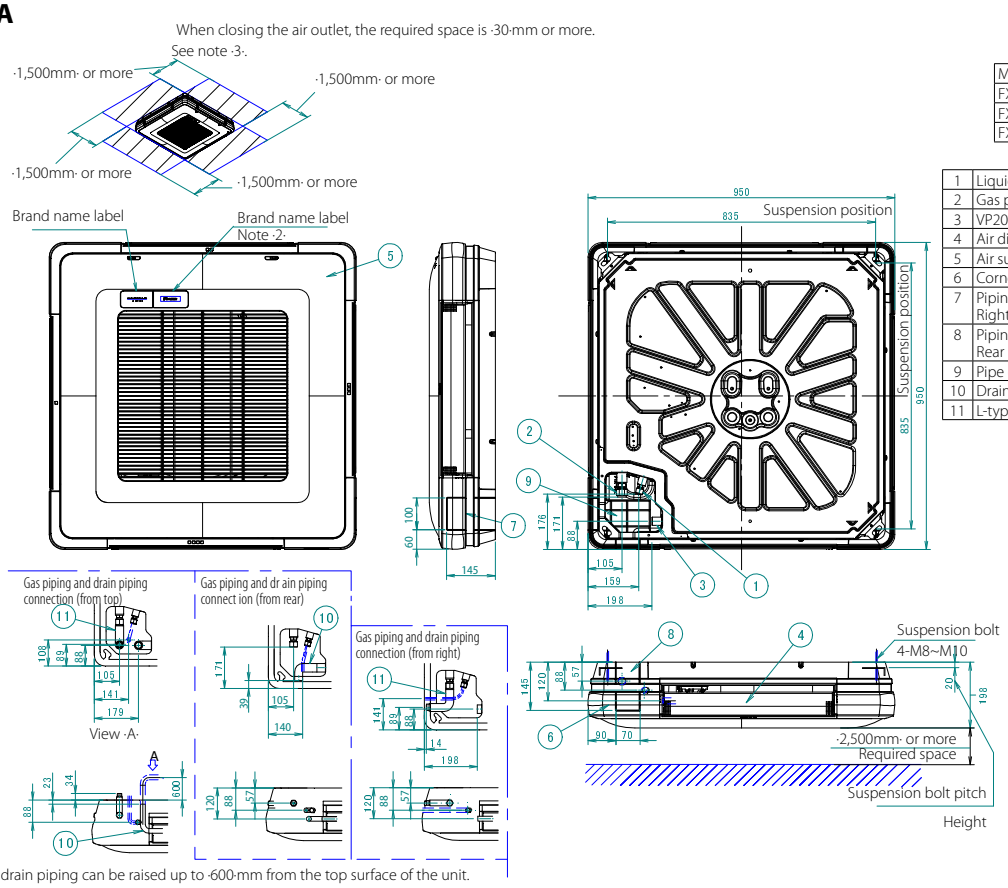
NOTES

1. Location of nameplate
   Bottom of the fan housing 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. 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.

3D106530B

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

FXUA-A



Model	AA	AB
FXUA50	ø6.4	ø12.7
FXUA71	ø6.4	ø12.7
FXUA100	ø9.5	ø15.9

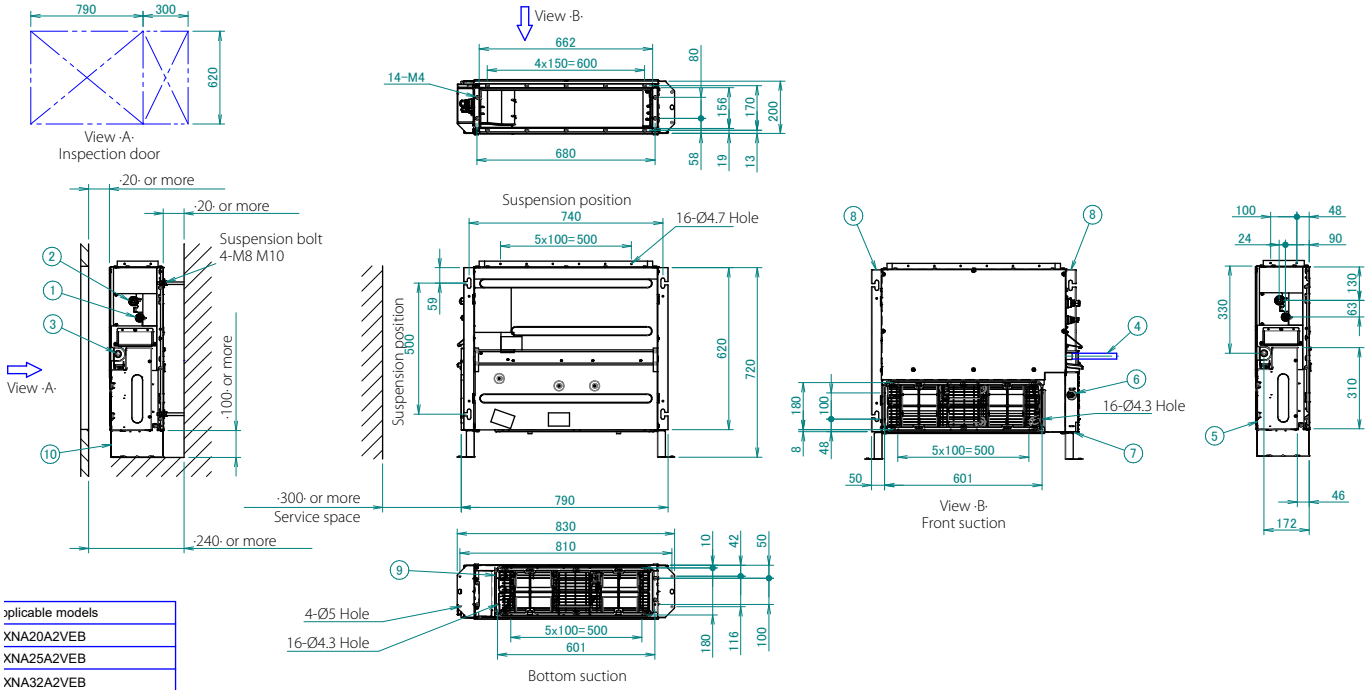
1	Liquid pipe connection ·AA· flare
2	Gas pipe connection ·AB· flare
3	VP20 Drain socket
4	Air discharge outlet
5	Air suction grille
6	Corner decoration cover
7	Piping connections / Wiring connection Right side
8	Piping connections / Wiring connection Rear side
9	Pipe cover (top)
10	Drain pipe connection (outside diameter ·26·)
11	L-type piping kit (upward direction)

NOTES

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



Applicable models
FXNA20A2VEB
FXNA25A2VEB
FXNA32A2VEB

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

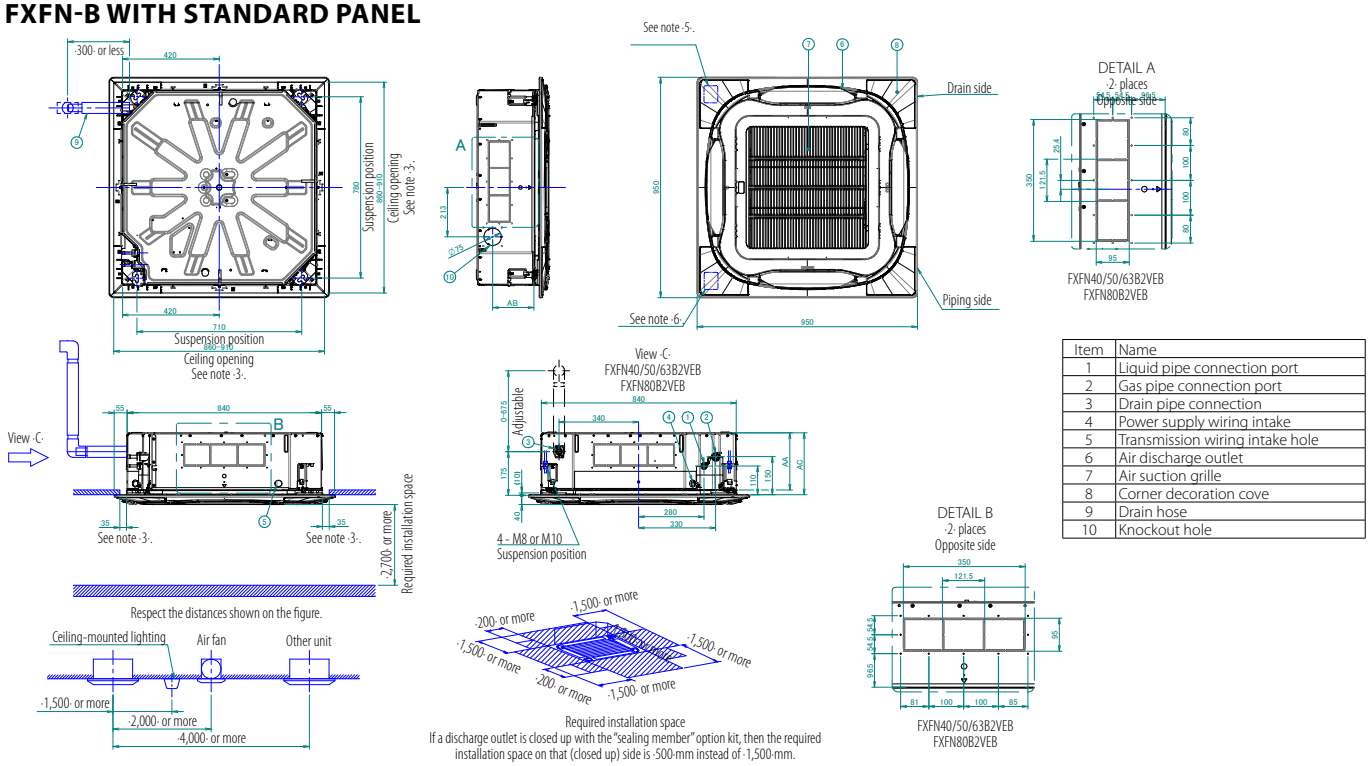
NOTES

1. When installing optional accessories, refer to their respective documentation.
2. The ceiling depth varies according to the documentation of the specific system.

3D154403A

Click here to view all FXFN-B technical drawings on my.daikin.eu

FXFN-B WITH STANDARD PANEL



Item	Name
1	Liquid pipe connection port
2	Gas pipe connection port
3	Drain pipe connection
4	Power supply wiring intake
5	Transmission wiring intake hole
6	Air discharge outlet
7	Air suction grille
8	Corner decoration cove
9	Drain hose
10	Knockout hole

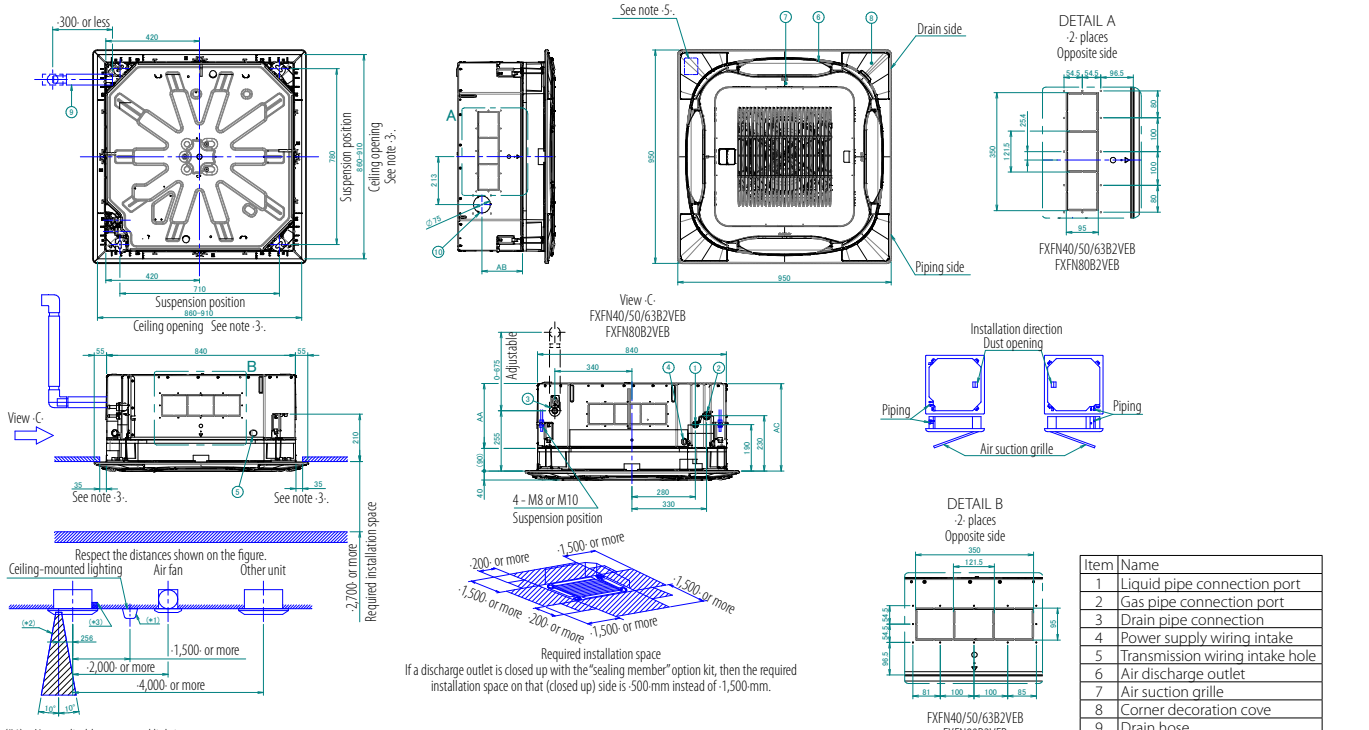
Cassette height		Minimal installation height	
AA	AB	AC	Model
246	180	269	FXFN40/50/63B2VEB
288	180	311	FXFN80B2VEB

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

2D156432

FXFN-B WITH SELF CLEANING PANEL



(*1) Not applicable to recessed lighting.
(*2) Required space for entering with vacuum cleaner tube.
(*3) Make sure the decoration panel discharge outlet is not blocked.

Item	Name
1	Liquid pipe connection port
2	Gas pipe connection port
3	Drain pipe connection
4	Power supply wiring intake
5	Transmission wiring intake hole
6	Air discharge outlet
7	Air suction grille
8	Corner decoration cove
9	Drain hose
10	Knockout hole

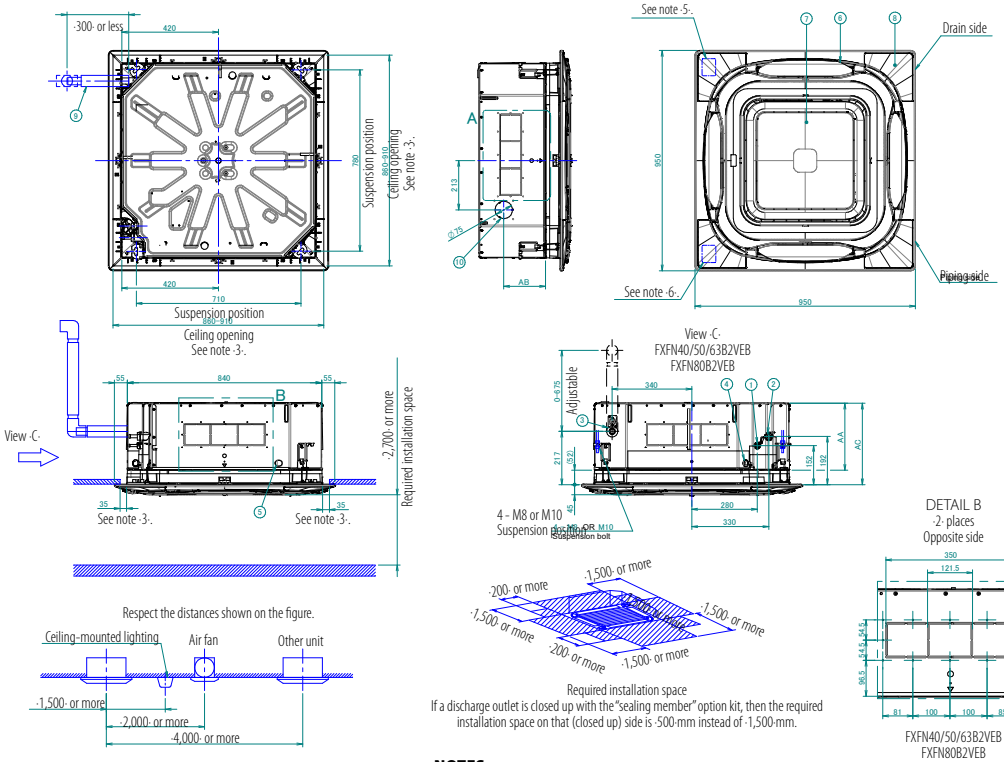
Cassette height		Minimal installation height	
AA	AB	AC	Model
246	180	349	FXFN40/50/63B2VEB
288	180	391	FXFN80B2VEB

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.
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.

2D156545

FXFN-B WITH DESIGNER PANEL



Item	Name
1	Liquid pipe connection port
2	Gas pipe connection port
3	Drain pipe connection
4	Power supply wiring intake
5	Transmission wiring intake hole
6	Air discharge outlet
7	Flat grille assembly
8	Corner decoration cove
9	Drain hose
10	Knockout hole

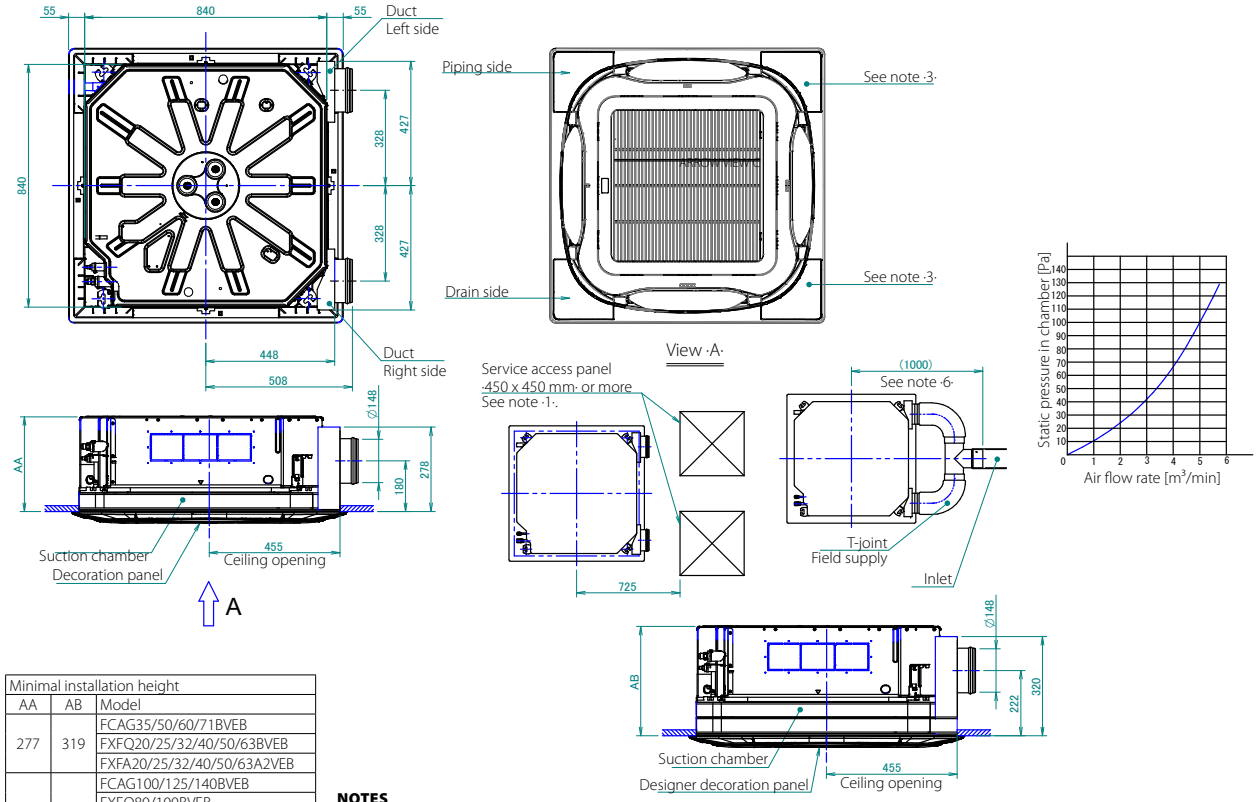
Cassette height		Minimal installation height	
AA	AB	AC	Model
246	180	311	FXFN40/50/63B2VEB
288	180	353	FXFN80B2VEB

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.
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.
6. 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 installation height		
AA	AB	Model
277	319	FCAG35/50/60/71BVEB
		FXFQ20/25/32/40/50/63BVEB
		FXFA20/25/32/40/50/63A2VEB
319	361	FCAG100/125/140BVEB
		FXFQ80/100BVEB
		FXFA80/100A2VEB
		FXFN50/71A2VEB
361	403	FCAHG71/100/125/140HVEB
		FXFQ125BVEB
		FXFA125A2VEB
		FXFN112A2VEB
		FXFN80B2VEB

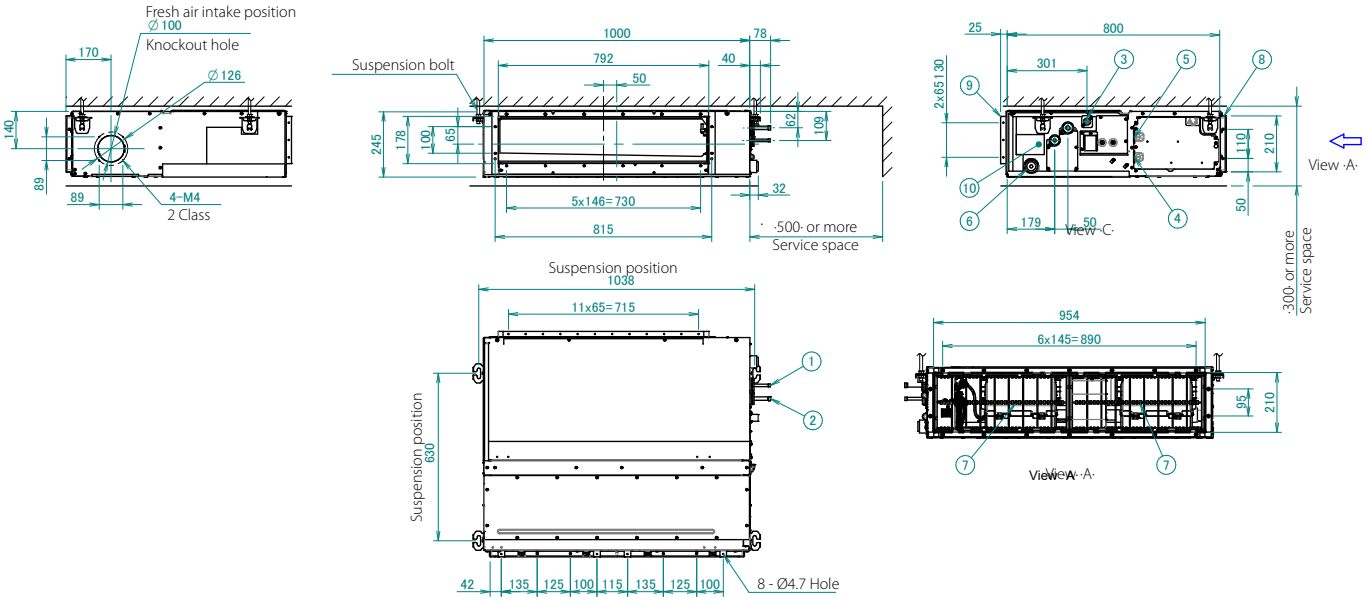
NOTES

1. When installing a fresh air intake kit, provide a service access panel.
2. Field construction
3. This corner discharge outlet needs to be closed.
4. When installing a duct fan, use a wiring adapter to link the duct fan to the fan of the indoor unit.
5. 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.

3D121741D

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FXSN40-50B



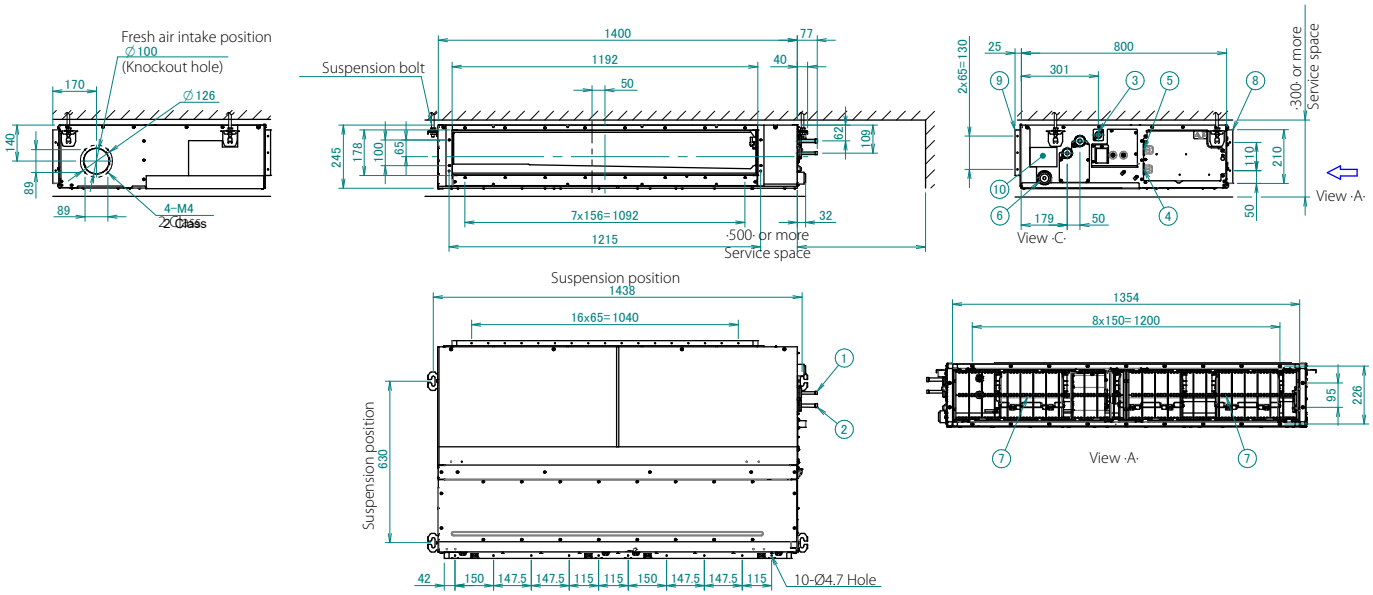
Item	Name	Description
1	Liquid pipe connection port	·Ø9.52· flared connection
2	Gas pipe connection port	·Ø12.70· flared connection
3	Drain pipe connection	VP20 (ID 20 x OD 26)
4	Wiring connection	/
5	Power supply connection	/
6	Drain outlet	VP20 (ID 20 x OD 26)
7	Air filter	/
8	Air suction side	/
9	Air discharge side	/
10	Nameplate	/

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	/

NOTES

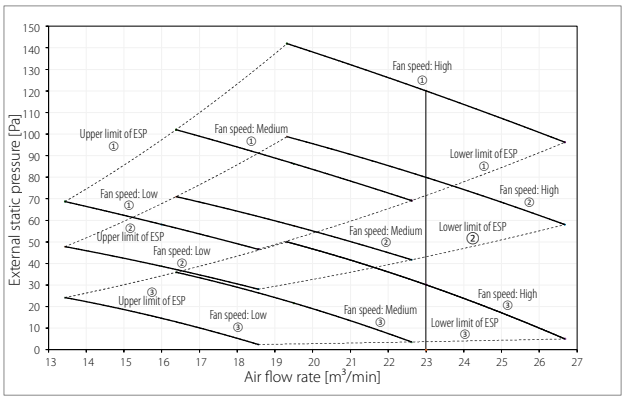
1. When installing optional accessories, refer to their respective documentation.
2. The ceiling depth varies according to the documentation of the specific system.

3D156396

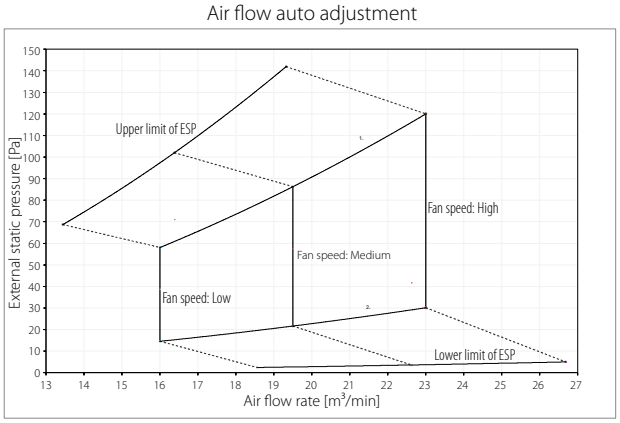
Click here to view all FXFN-B technical drawings on my.daikin.eu

FXSN40B

(1) Fan characteristics

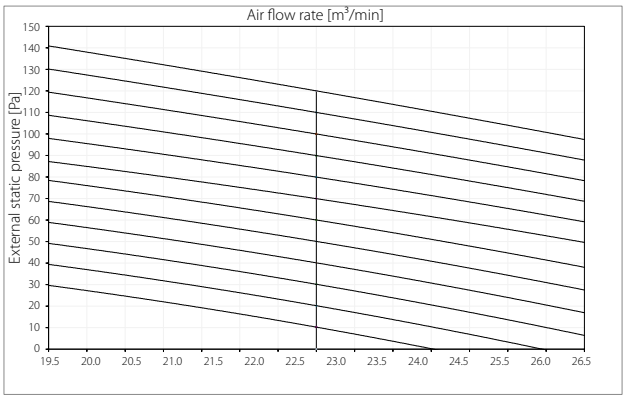


(2) Fan characteristics
Air flow auto adjustment



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

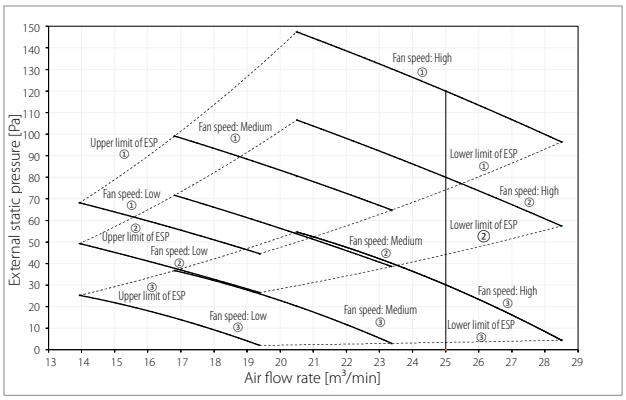
NOTES

1. The fan characteristics shown are in "fan only" mode.
2. ESP: External static pressure

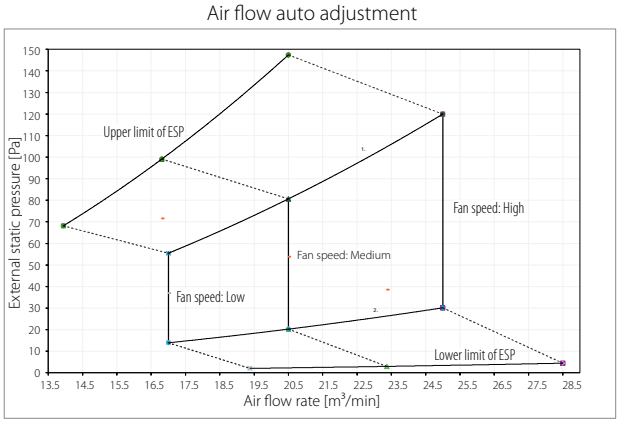
4D156628

FXSN50B

(1) Fan characteristics

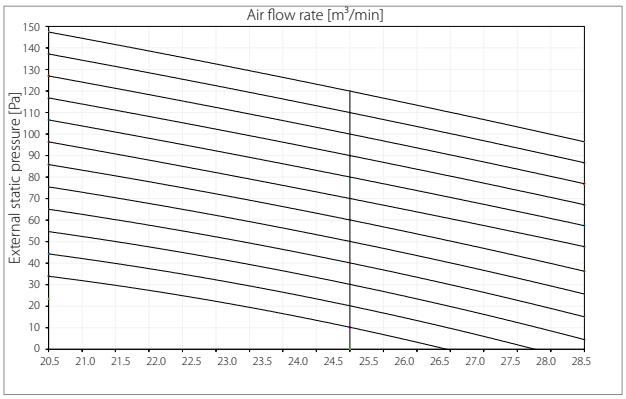


(2) Fan characteristics
Air flow auto adjustment



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

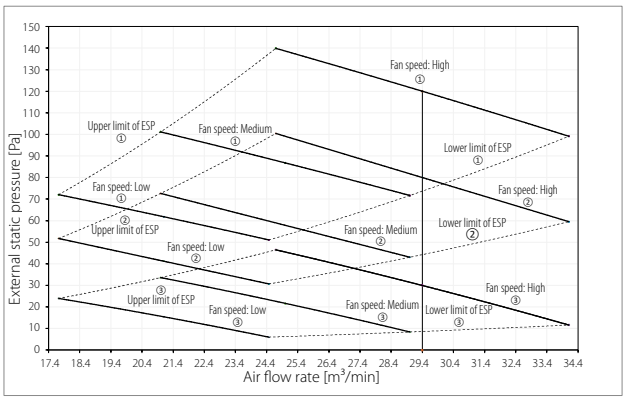
1. The fan characteristics shown are in "fan only" mode.
2. ESP: External static pressure

4D156629

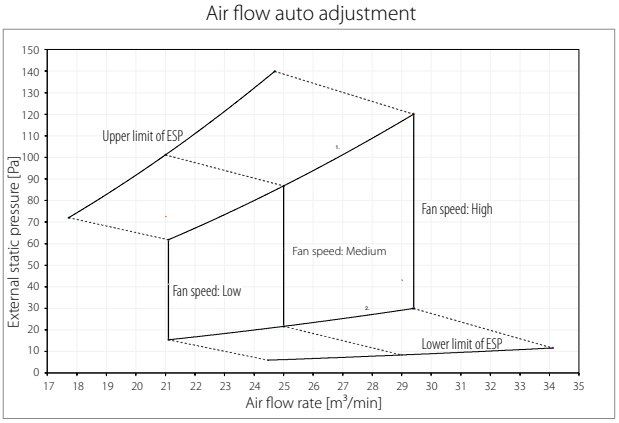
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FXSN63B

(1) Fan characteristics

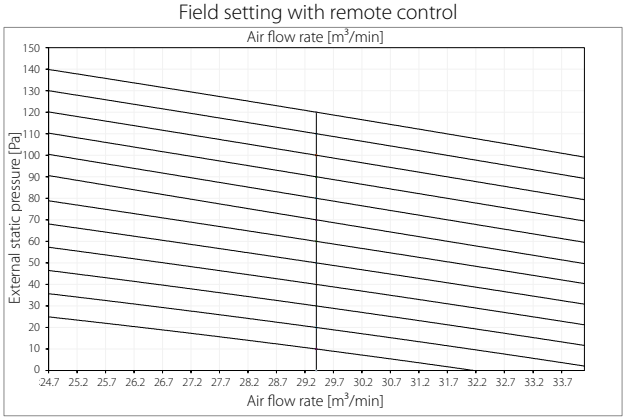


(2) Fan characteristics
Air flow auto adjustment



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

(3) Fan characteristics
Field setting with remote control



Mark		ESP [Pa]
①	Maximum	120
②	-	80
③	Standard	30

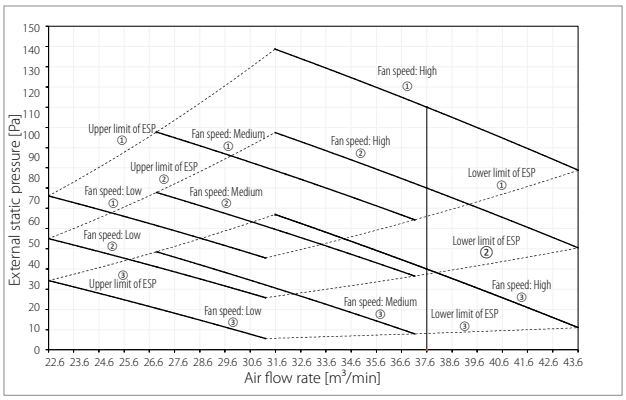
NOTES

1. The fan characteristics shown are in "fan only" mode.
2. ESP: External static pressure

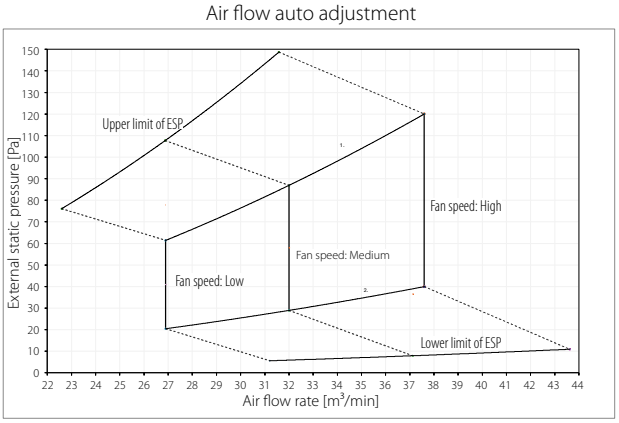
4D156630

FXSN80B

(1) Fan characteristics

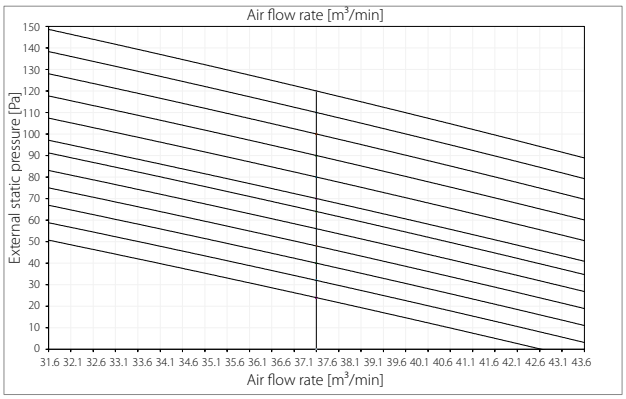


(2) Fan characteristics
Air flow auto adjustment



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

NOTES

1. The fan characteristics shown are in "fan only" mode.
2. ESP: External static pressure

4D156631



Technical drawings
Biddle air curtains

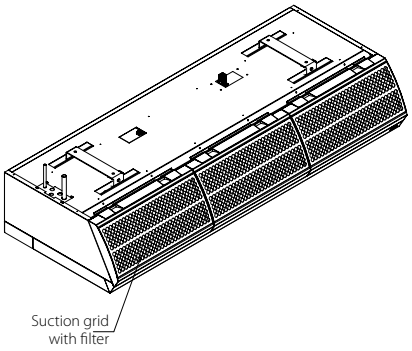
CYA-DK-F/C/R 226

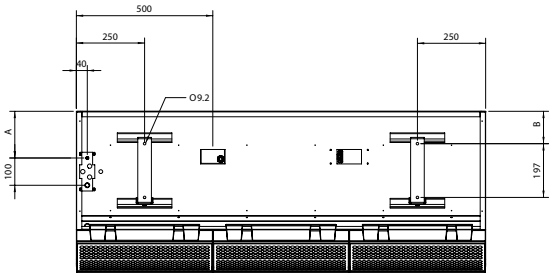
Click here to view all CYA-DK-F technical drawings on my.daikin.eu

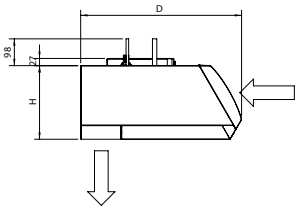
Click here to view all CYA-DK-C technical drawings on my.daikin.eu

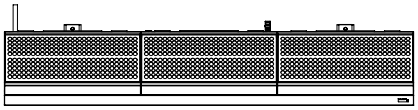
Click here to view all CYA-DK-R technical drawings on my.daikin.eu

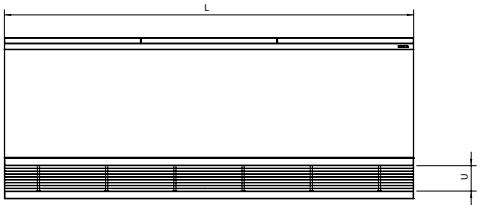
CYA-DK-F











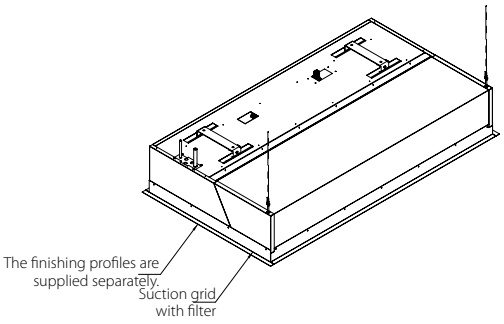
Type	L	H	D	U	A	B
Small Medium	1,000 - 1,500 2,000 - 2,500	270	590	93	171	119
Large	1,000 - 1,500 2,000 - 2,500	370	774	124.5	245.5	200

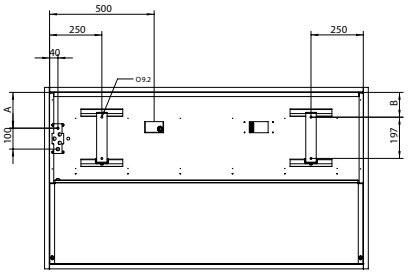
NOTES

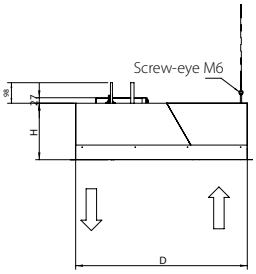
1. The 2,500mm large devices have 3 suspension brackets, where the third bracket is mounted at half the length of the device.

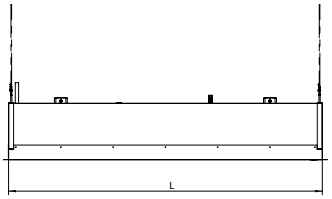
CU0954X-000

CYA-DK-C











Number of suction grids per device

Device length	Number	Suction grid length
1,000 / 1,500	1	1,000 / 1,500
2,000 / 2,500	2	1,000 / 1,250

*1 drain grid per device

Type	L	H	D	U	A	B	E	F	G
Small Medium	1,000 - 1,500 2,000 - 2,500	270	821	93	171	119	250	411	260
Large	1,000 - 1,500 2,000 - 2,500	370	1,105	124.5	245.5	200	181.5	563.5	360

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. The mounting holes for finishing profiles in a lowered ceiling (L+8) x (D+8) mm

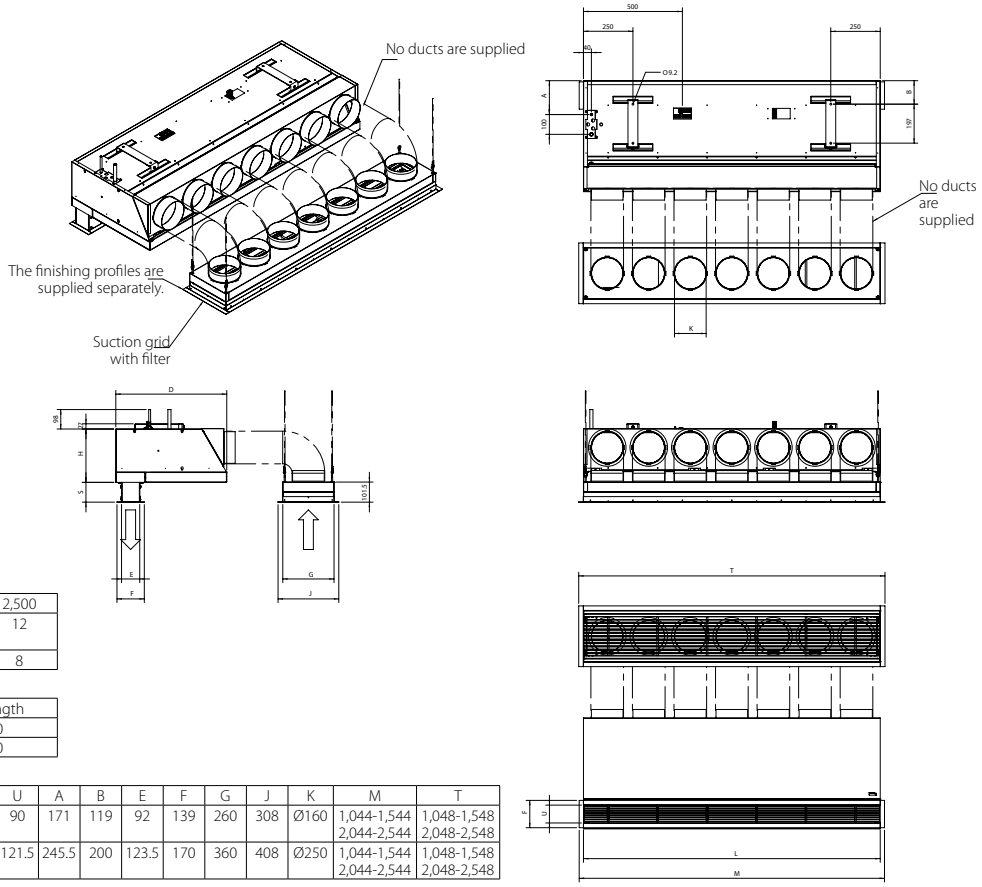
CU0955X-000

Click here to view all CYA-DK-F technical drawings on my.daikin.eu

Click here to view all CYA-DK-C technical drawings on my.daikin.eu

Click here to view all CYA-DK-R technical drawings on my.daikin.eu

CYA-DK-R



Number of ducts per device

Type	1,000	1,500	2,000	2,500
Small Medium	5	7	10	12
Large	3	5	6	8

Number of suction grids per device

Device length	Number	Suction grid length
1,000 / 1,500	1	1,000 / 1,500
2,000 / 2,500	2	1,000 / 1,250

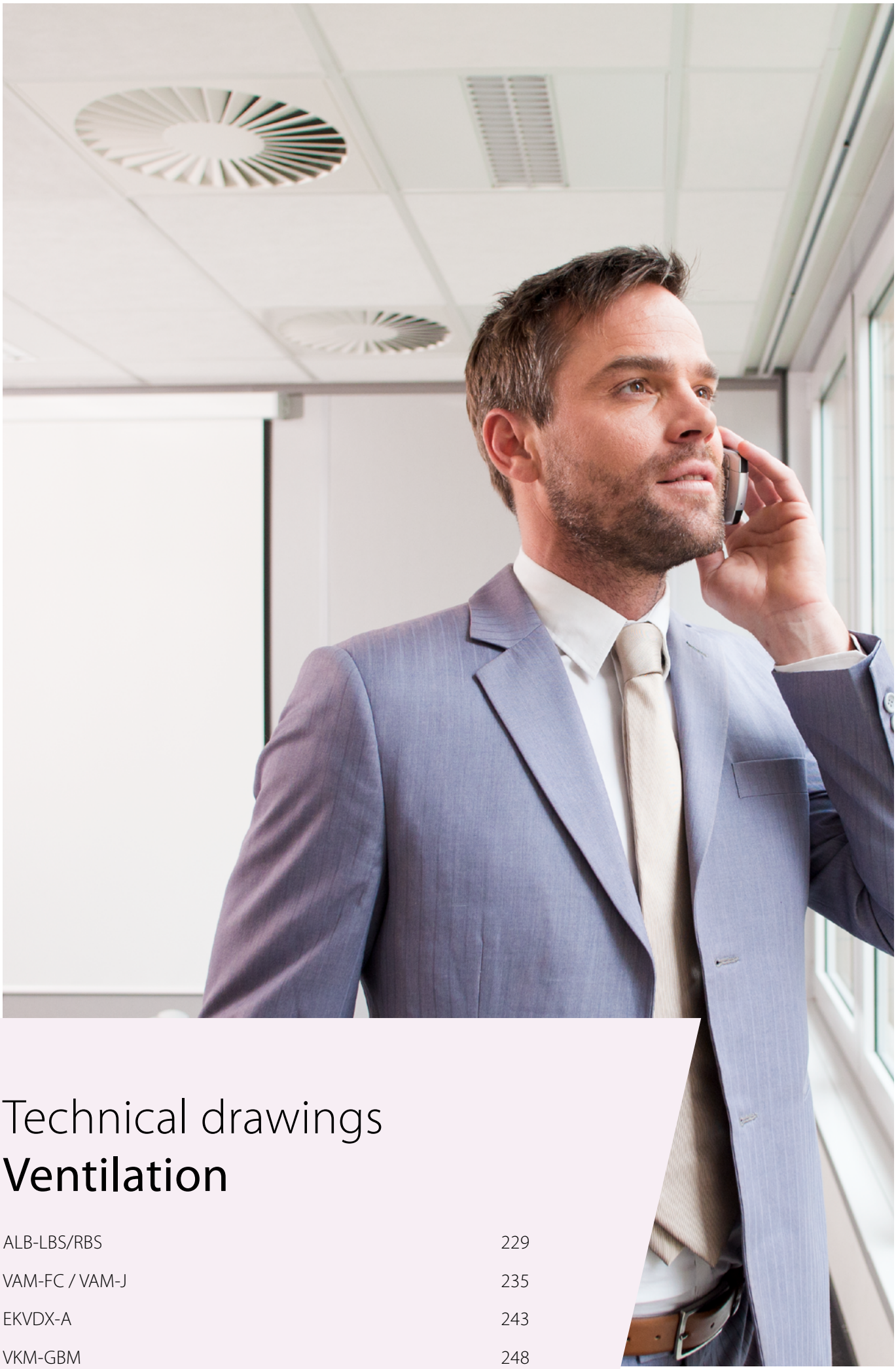
*1 drain grid per device

Type	L	H	D	S	U	A	B	E	F	G	J	K	M	T
CYVS-DK-RBN/RSN CYVM-DK-RBN/RSN	1,000 - 1,500 2,000 - 2,500	270	561	80-125	90	171	119	92	139	260	308	Ø160	1,044-1,544 2,044-2,544	1,048-1,548 2,048-2,548
CYVL-DK-RBN/RSN	1,000 - 1,500 2,000 - 2,500	370	745	80-125	121.5	245.5	200	123.5	170	360	408	Ø250	1,044-1,544 2,044-2,544	1,048-1,548 2,048-2,548

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) x (E+8) mm - suction (L+8) x (G+8) mm.

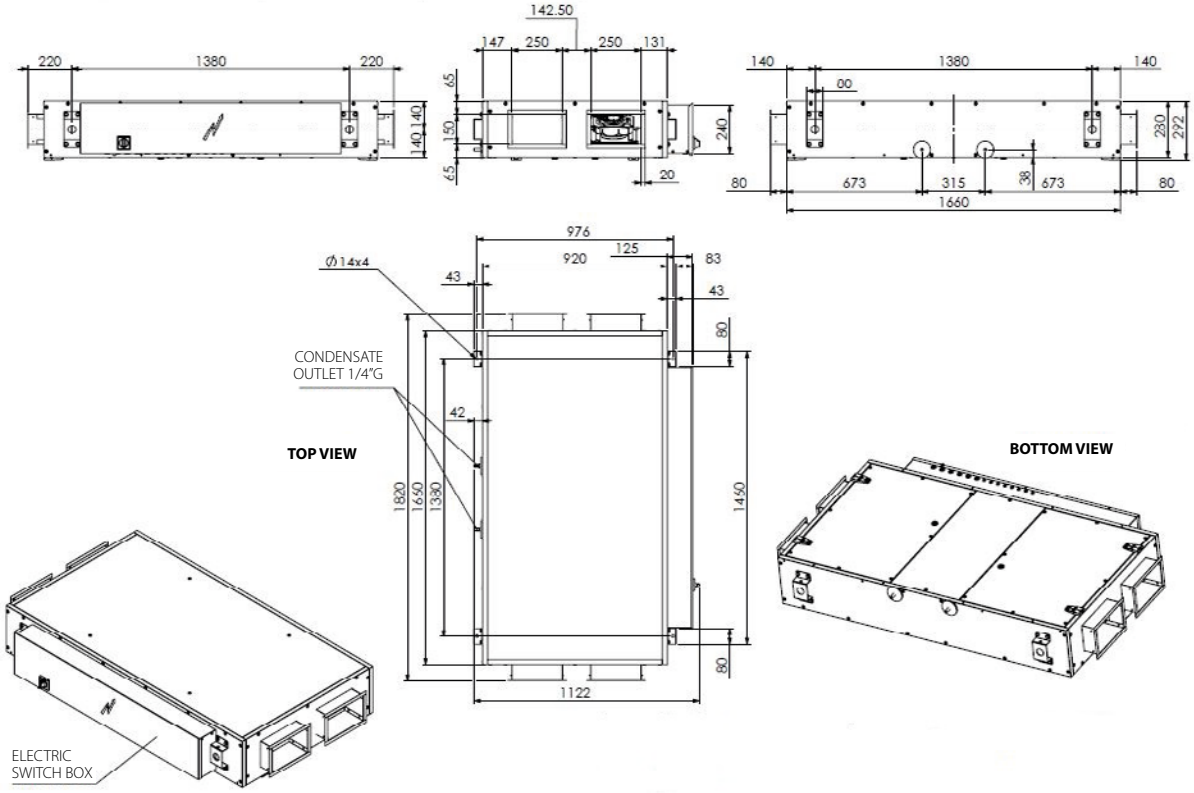
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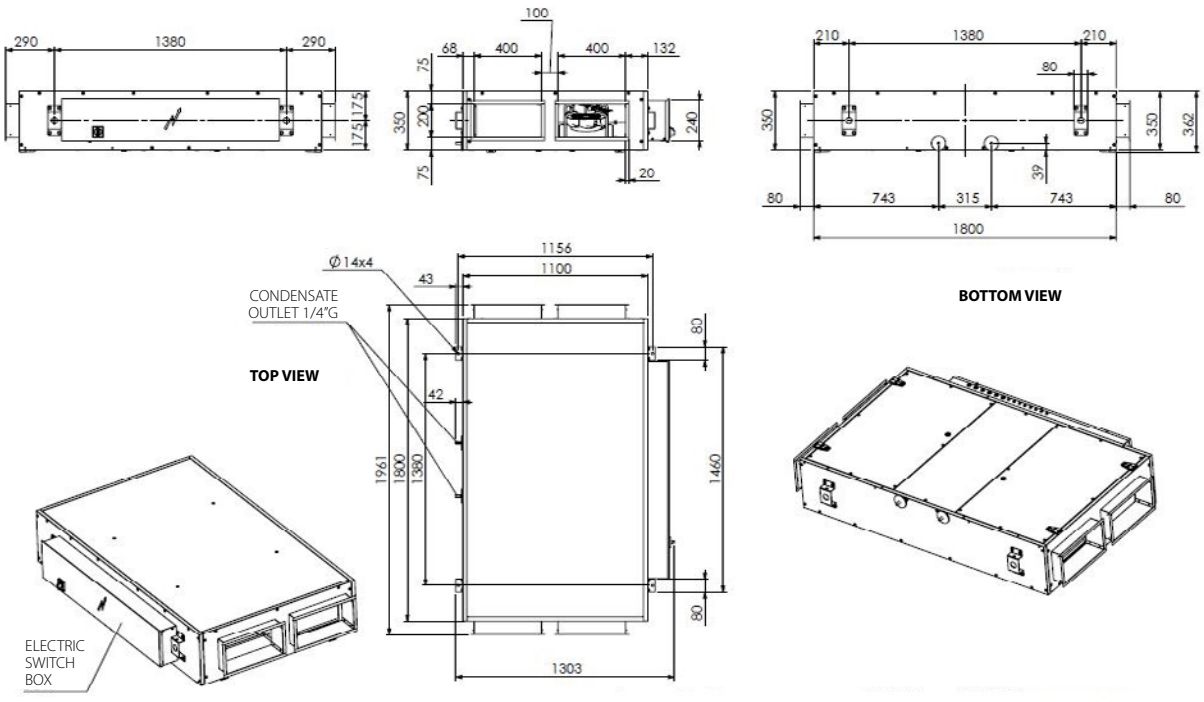
Technical drawings
Ventilation

ALB-LBS/RBS	229
VAM-FC / VAM-J	235
EKVDX-A	243
VKM-GBM	248

ALB02RBS/LBS



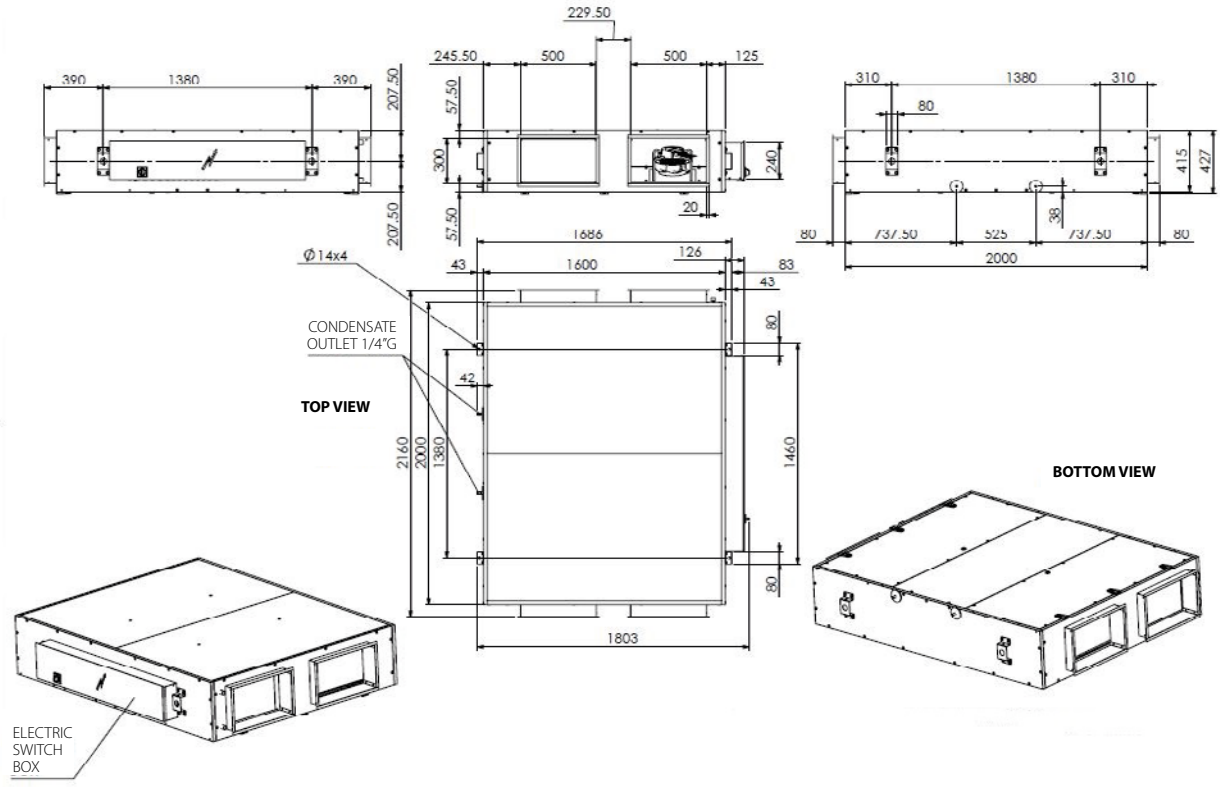
ALB03RBS/LBS



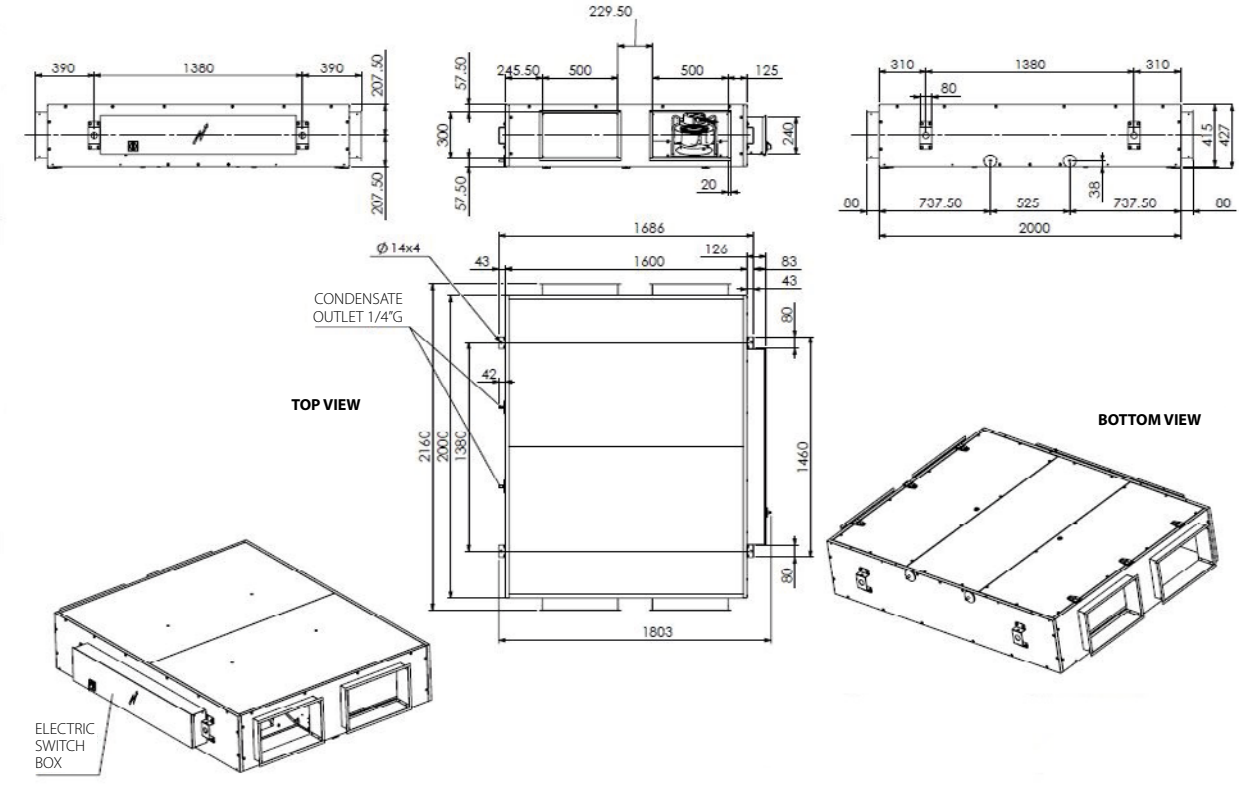
Click here to view all ALB-LBS technical drawings on my.daikin.eu

Click here to view all ALB-RBS technical drawings on my.daikin.eu

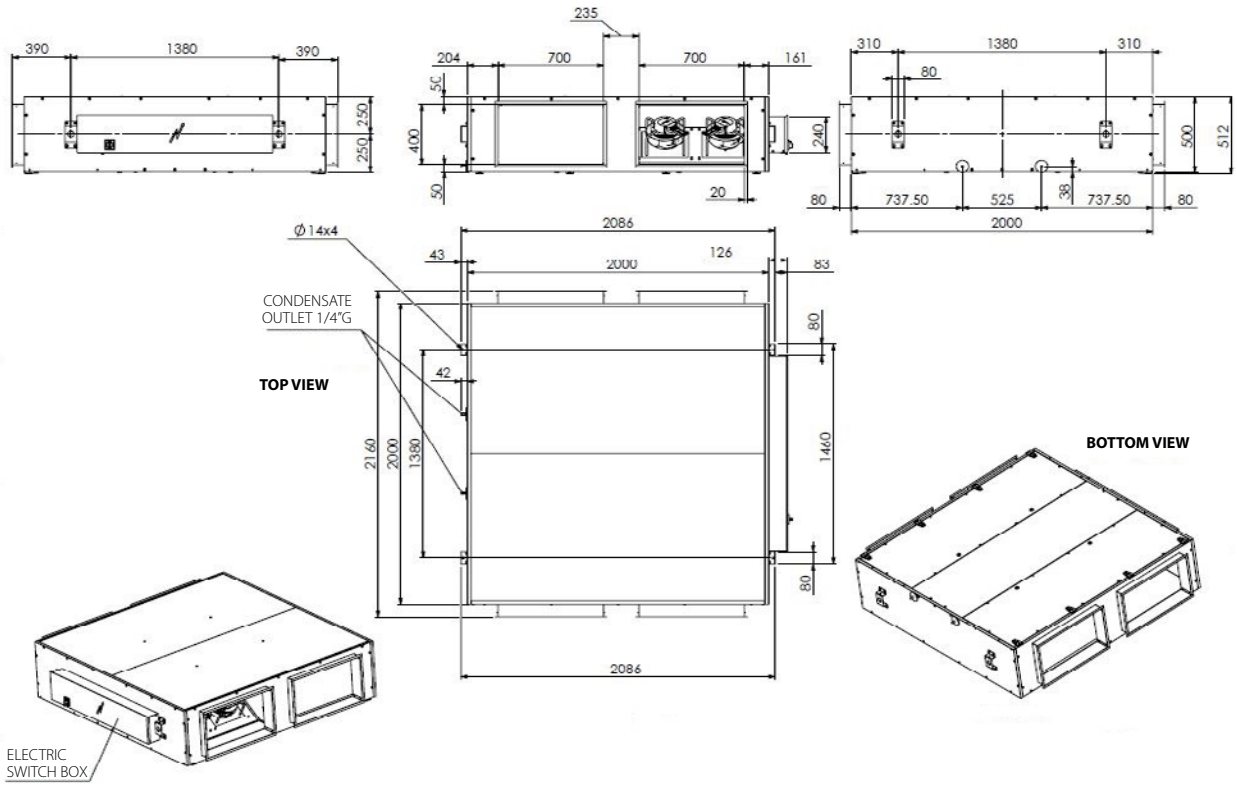
ALB04RBS/LBS



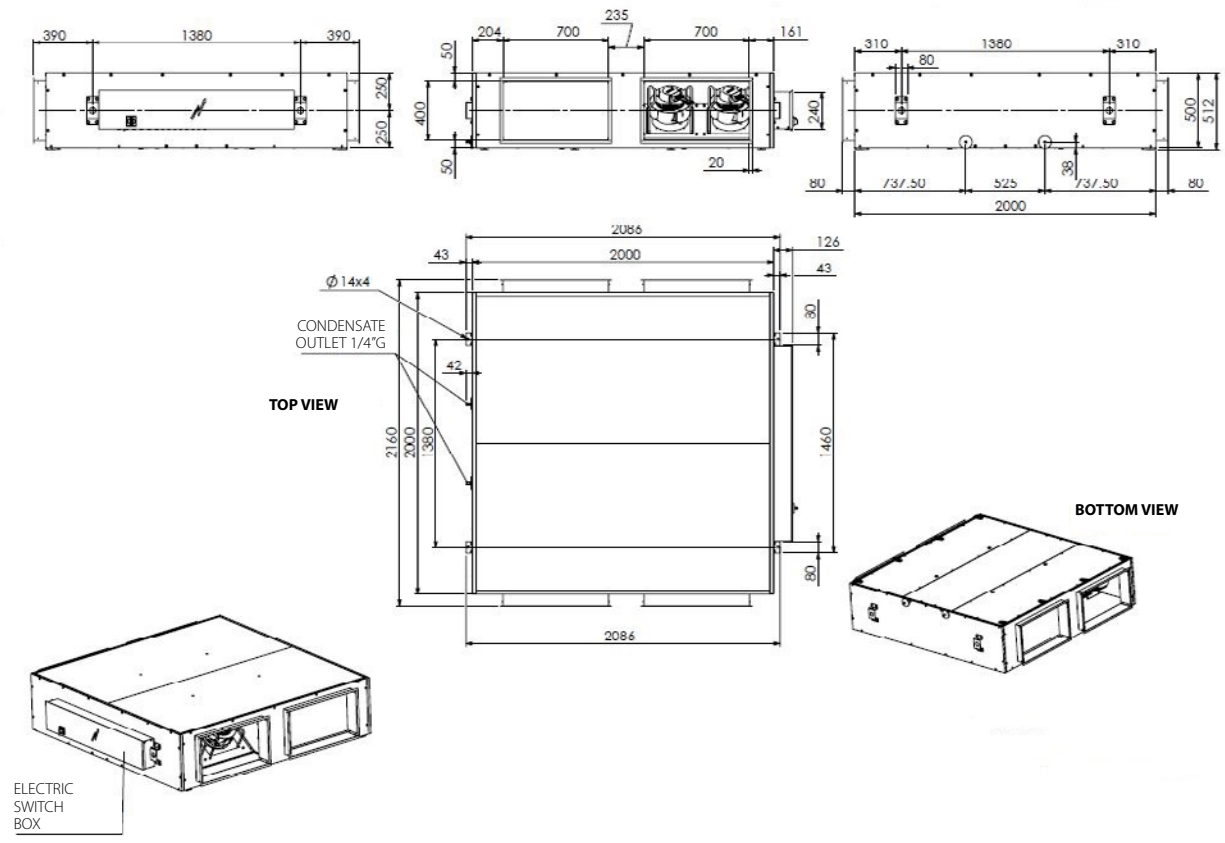
ALB05RBS/LBS



ALB06RBS/LBS



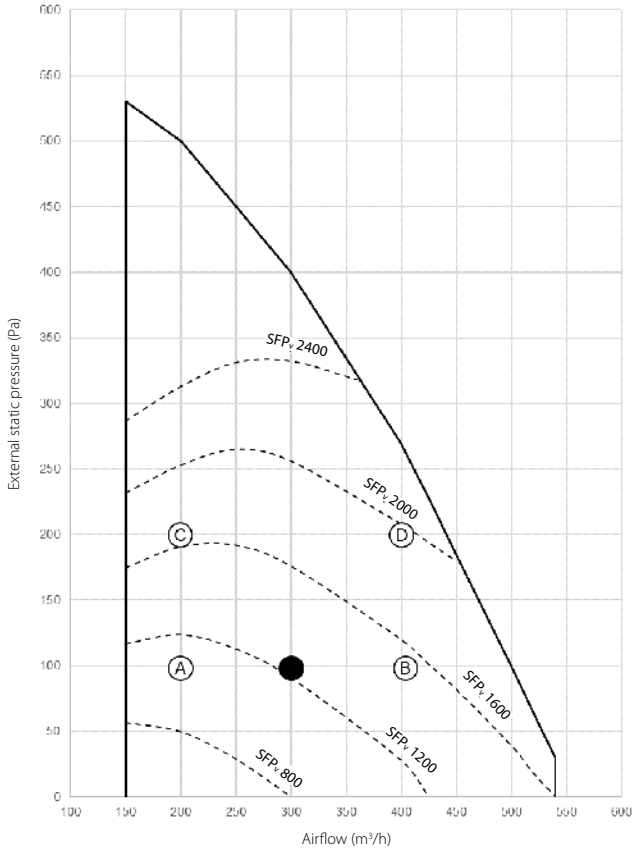
ALB07RBS/LBS



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Click here to view all ALB-RBS technical drawings on my.daikin.eu

ALB02RBS/LBS



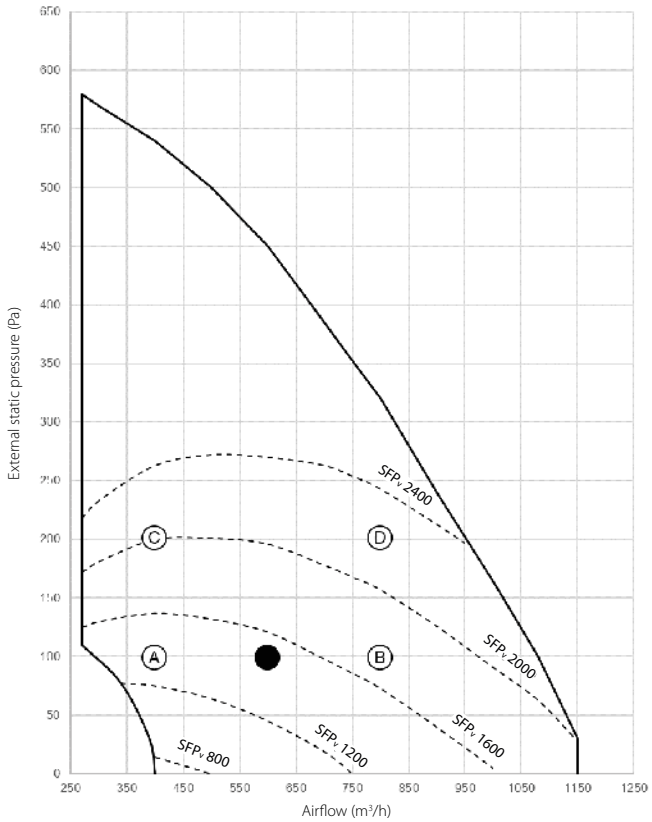
The diagram shows the available external pressure for the duct system given an airflow.

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)

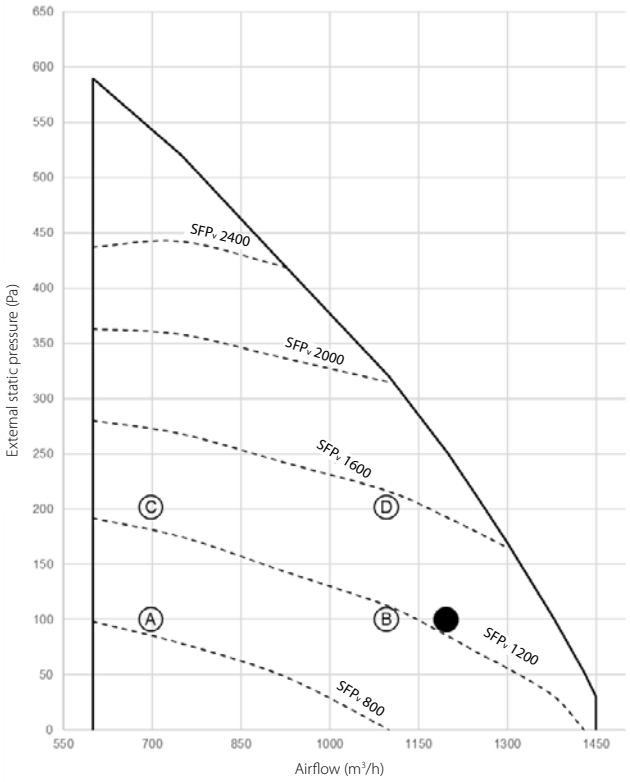
The SFPv curves are referring to the complete unit. Moreover, it includes power to both supply and extract fan divided by either the supply or extract volume whichever is the greater.

● Nominal working point

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ALB04RBS/LBS



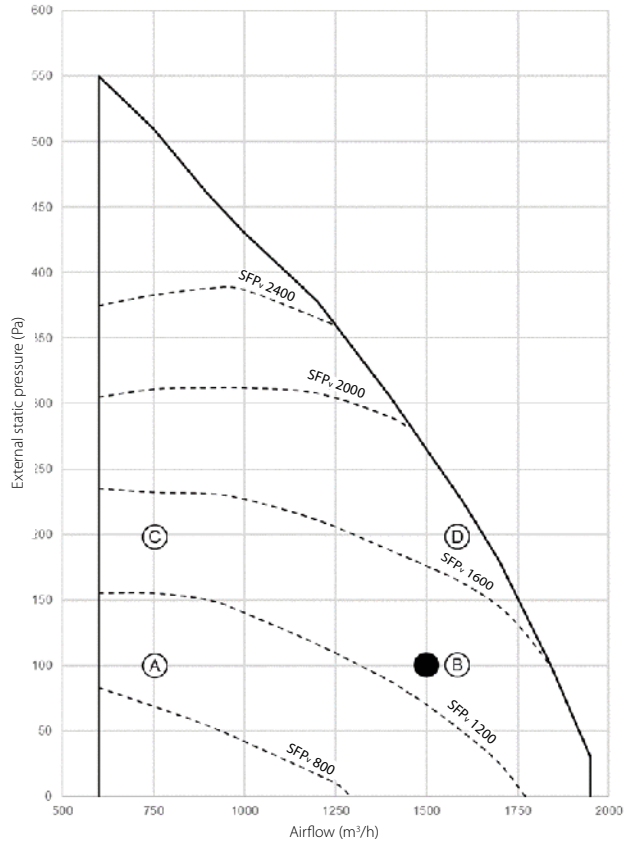
The diagram shows the available external pressure for the duct system given an airflow.

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)

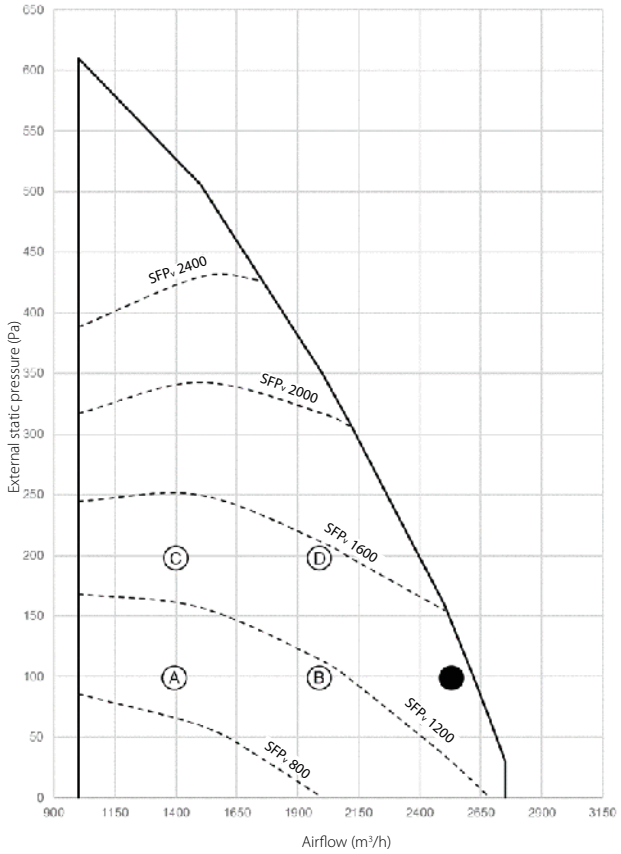
The SFPv curves are referring to the complete unit. Moreover, it includes power to both supply and extract fan divided by either the supply or extract volume whichever is the greater.

● Nominal working point

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Click here to view all ALB-RBS technical drawings on my.daikin.eu

ALB06RBS/LBS



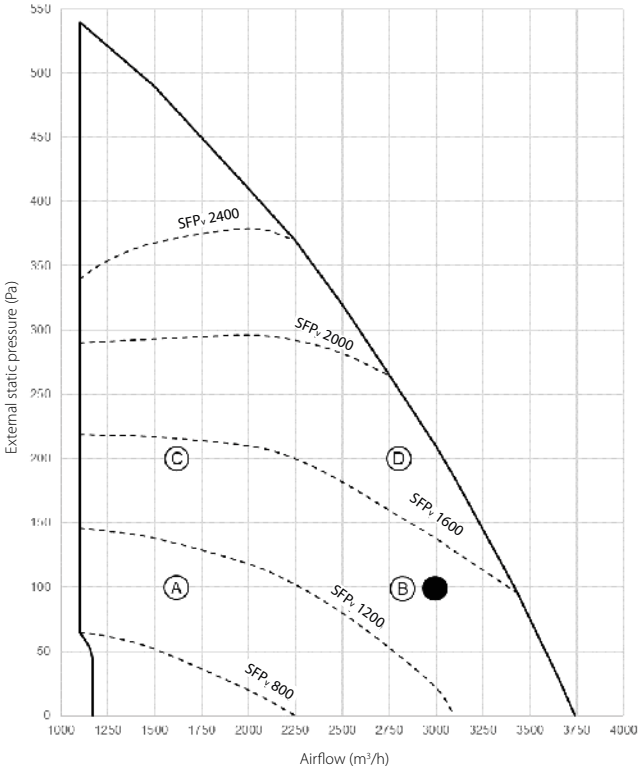
The diagram shows the available external pressure for the duct system given an airflow.

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



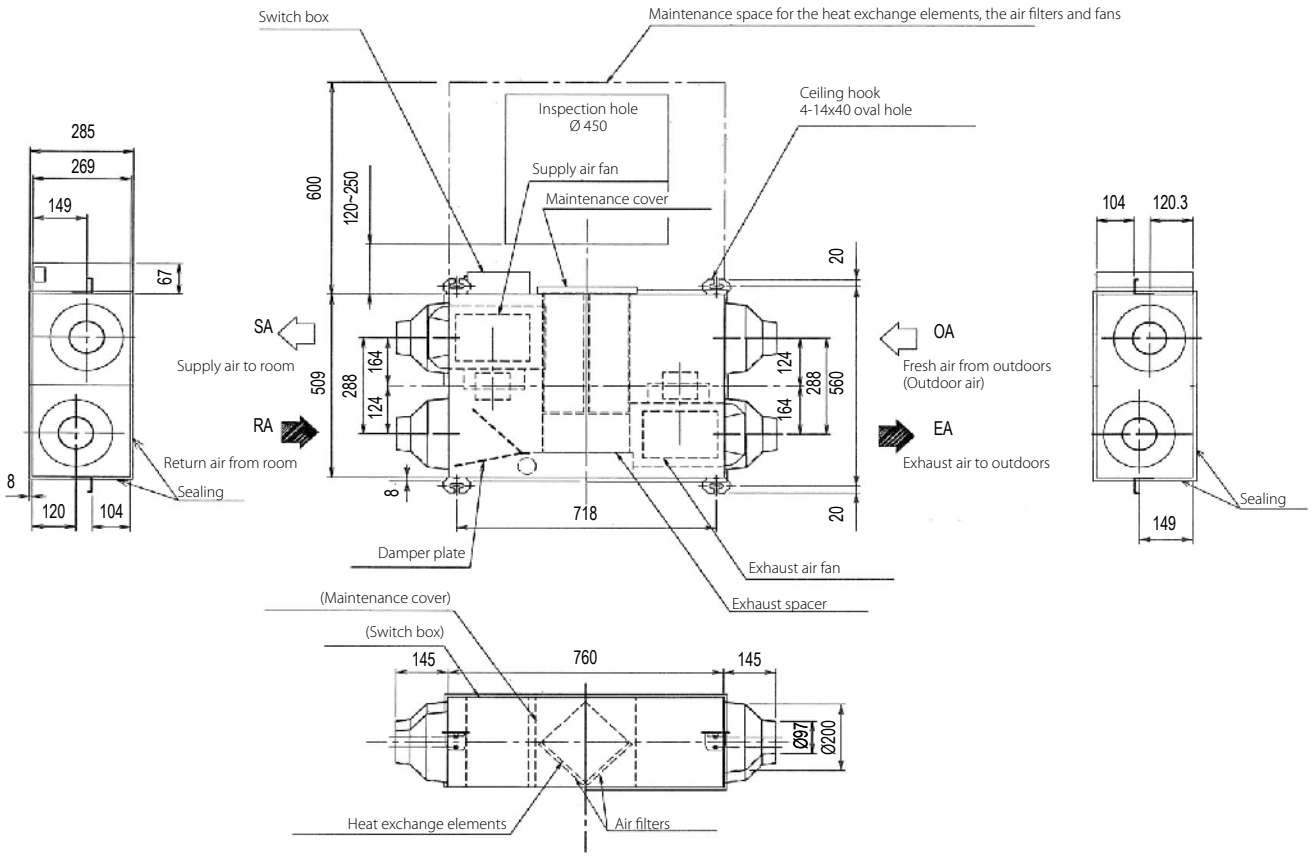
The diagram shows the available external pressure for the duct system given an airflow.

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

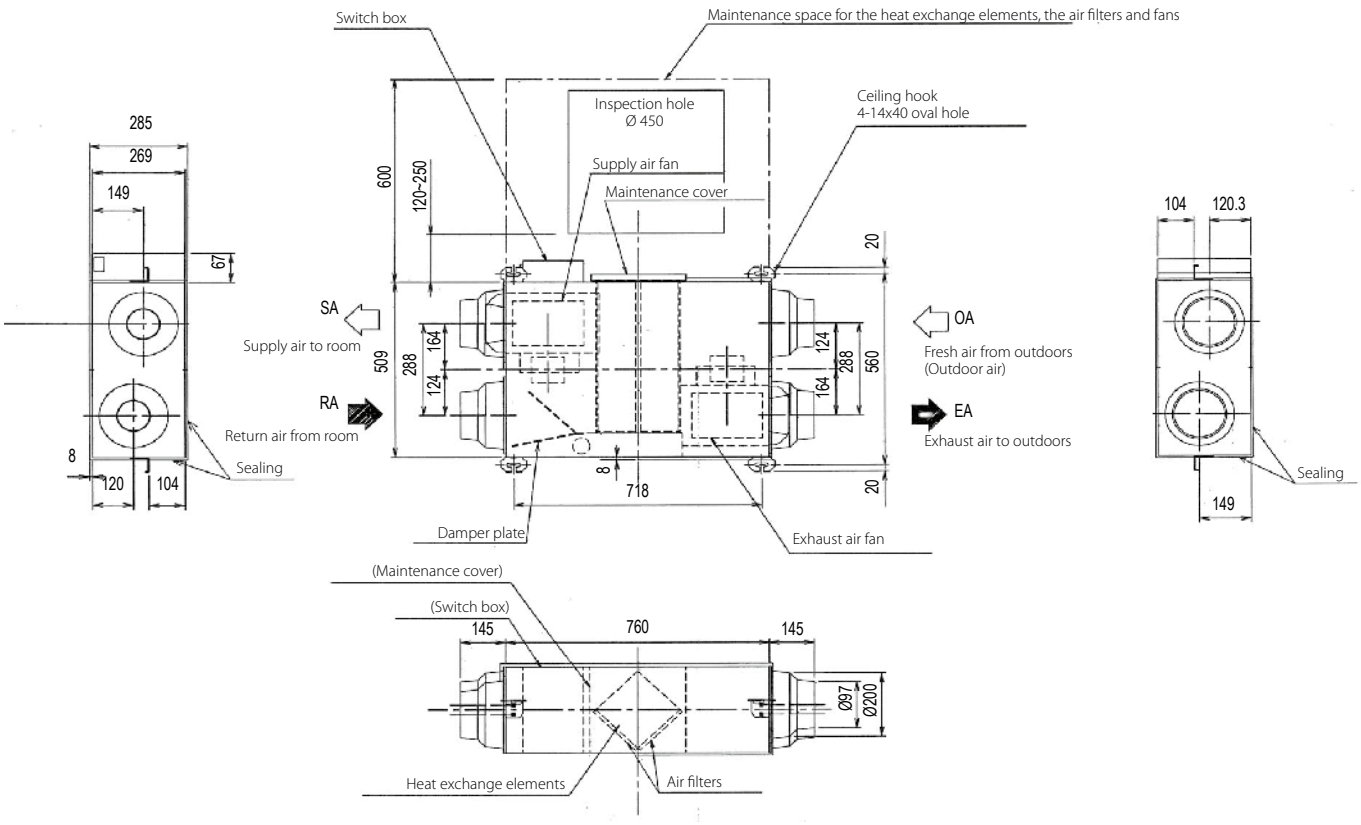


NOTES

1. Be sure to provide the inspection hole (450x450 mm) to inspect the air filters, the exchange elements and fans.

3TW27874-1

VAM250FC9



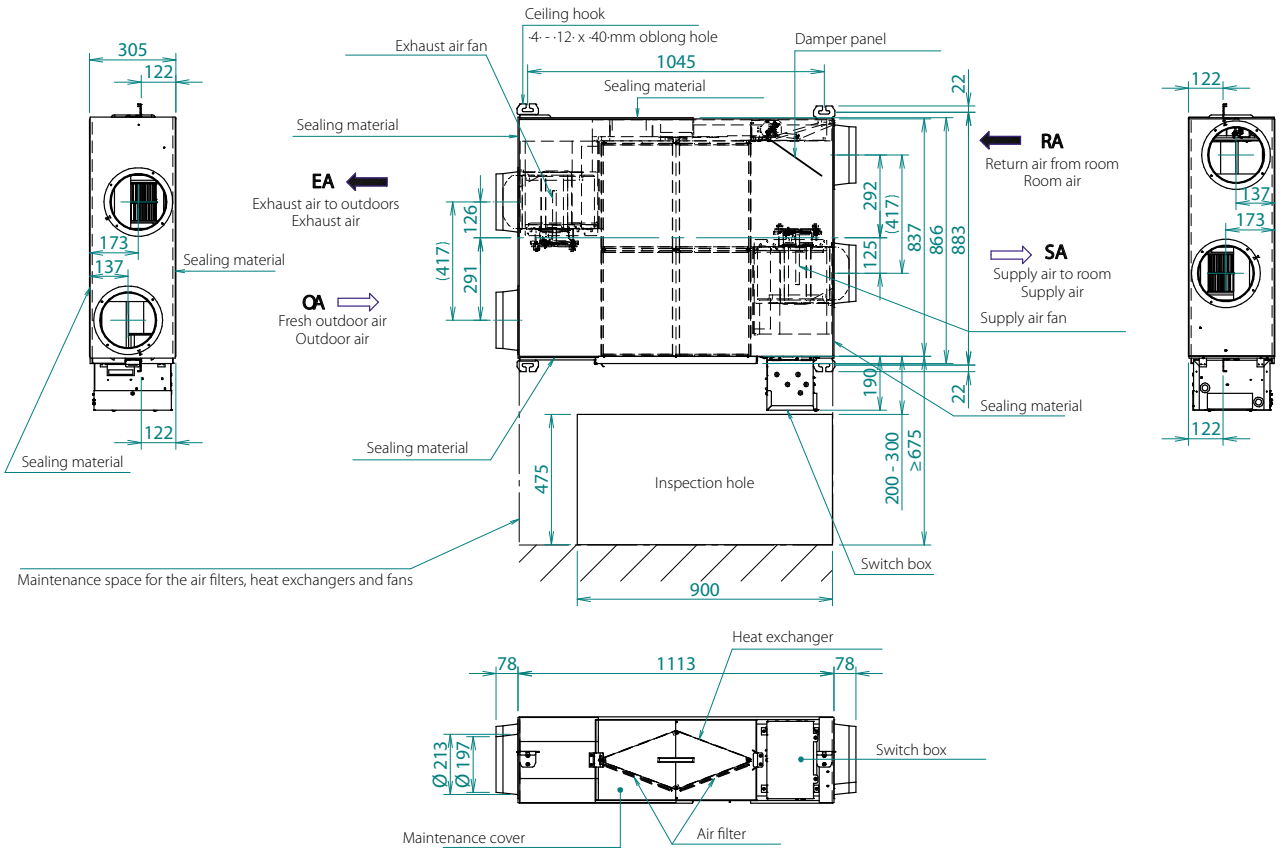
NOTES

1. Be sure to provide the inspection hole (450x450 mm) to inspect the air filters, the exchange elements and fans.

3TW27884-1

Click here to view all VAM-J technical drawings on my.daikin.eu

VAM350-500J

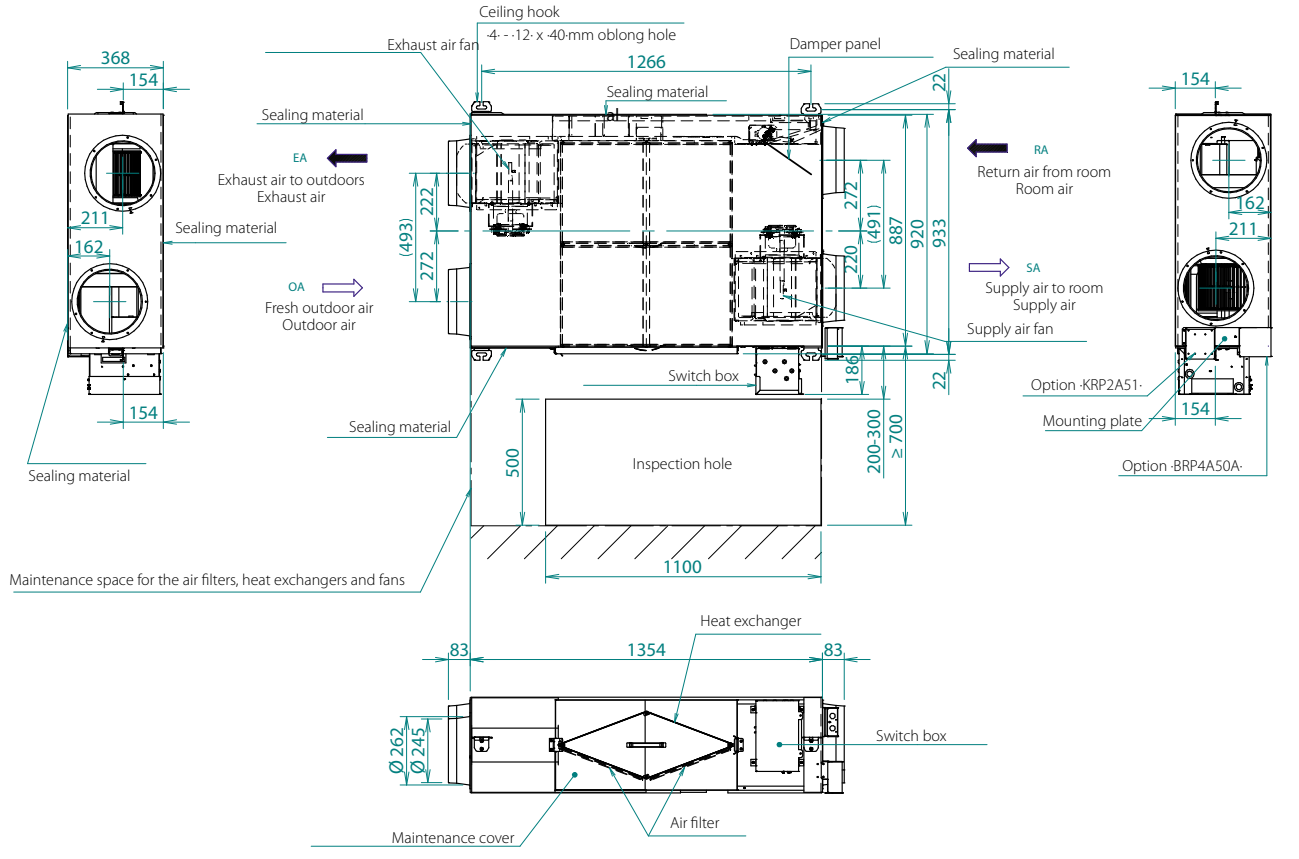


NOTES

1. To allow for the inspection of the air filters, heat exchangers, and fans, be sure to provide the inspection hole.

3D112815C

VAM650J

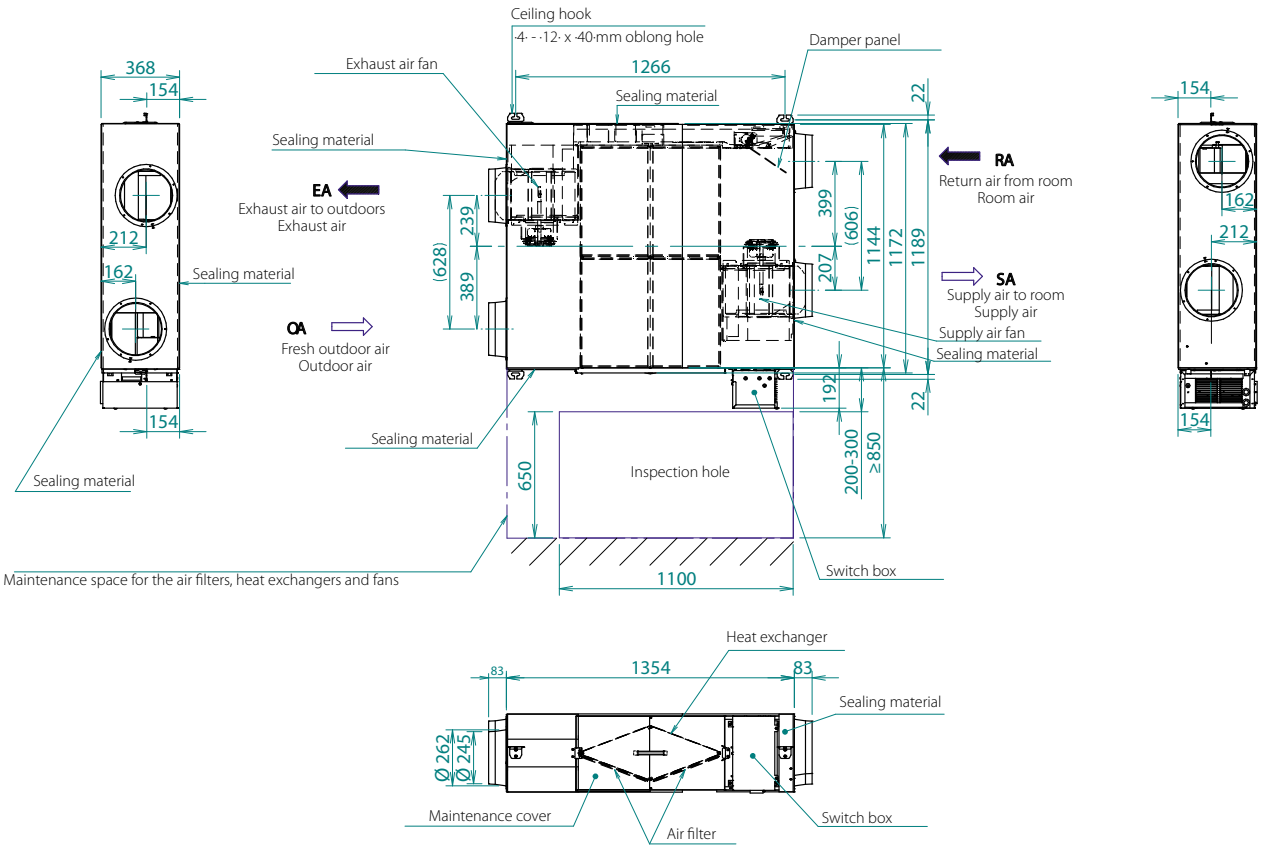


NOTES

1. To allow for the inspection of the air filters, heat exchangers, and fans, be sure to provide the inspection hole.

3D113502A

VAM800-1000J

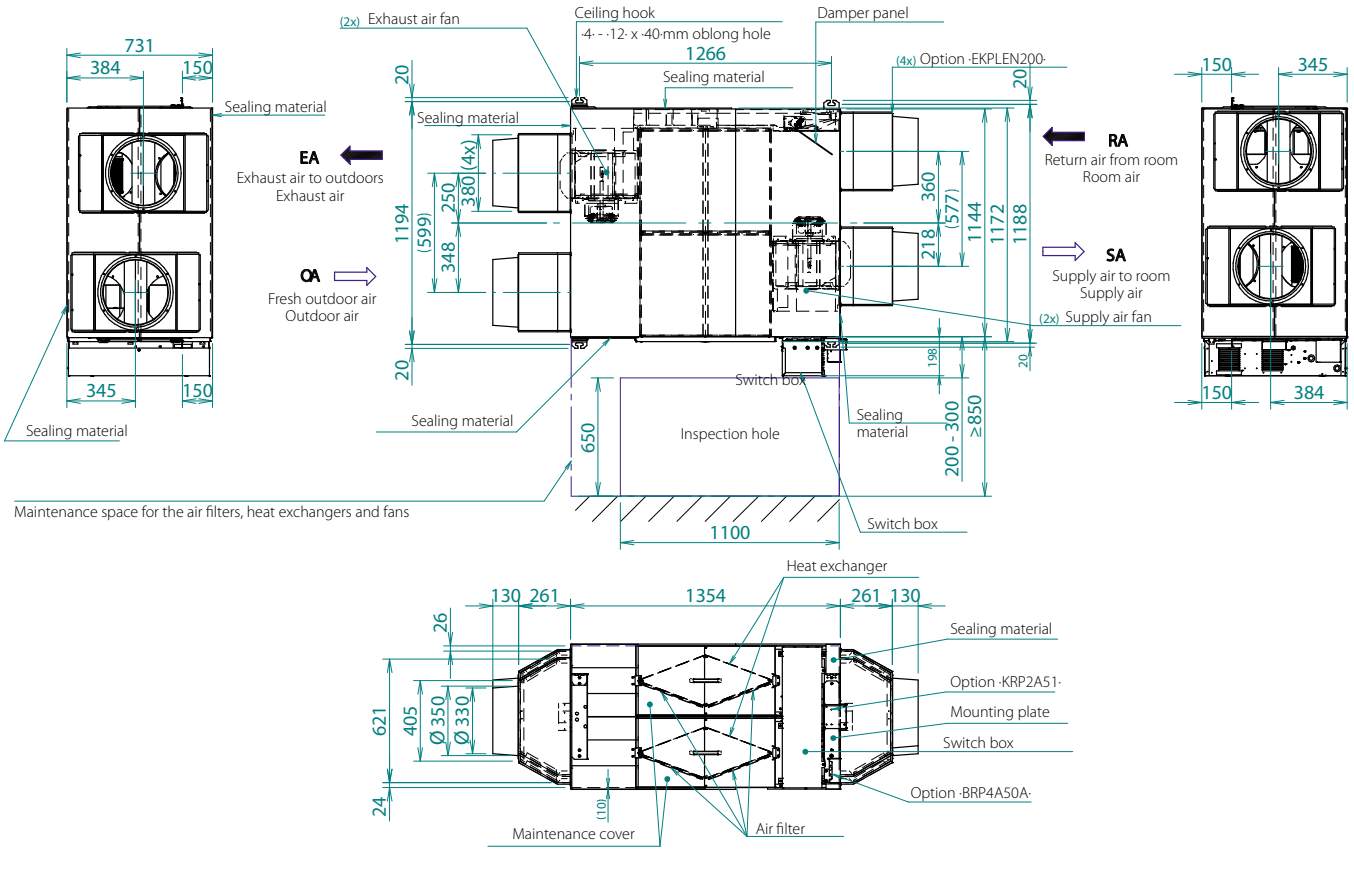


NOTES

1. To perform maintenance on the air filter, it is required to provide a service access panel.

3D112817D

VAM1500-2000J



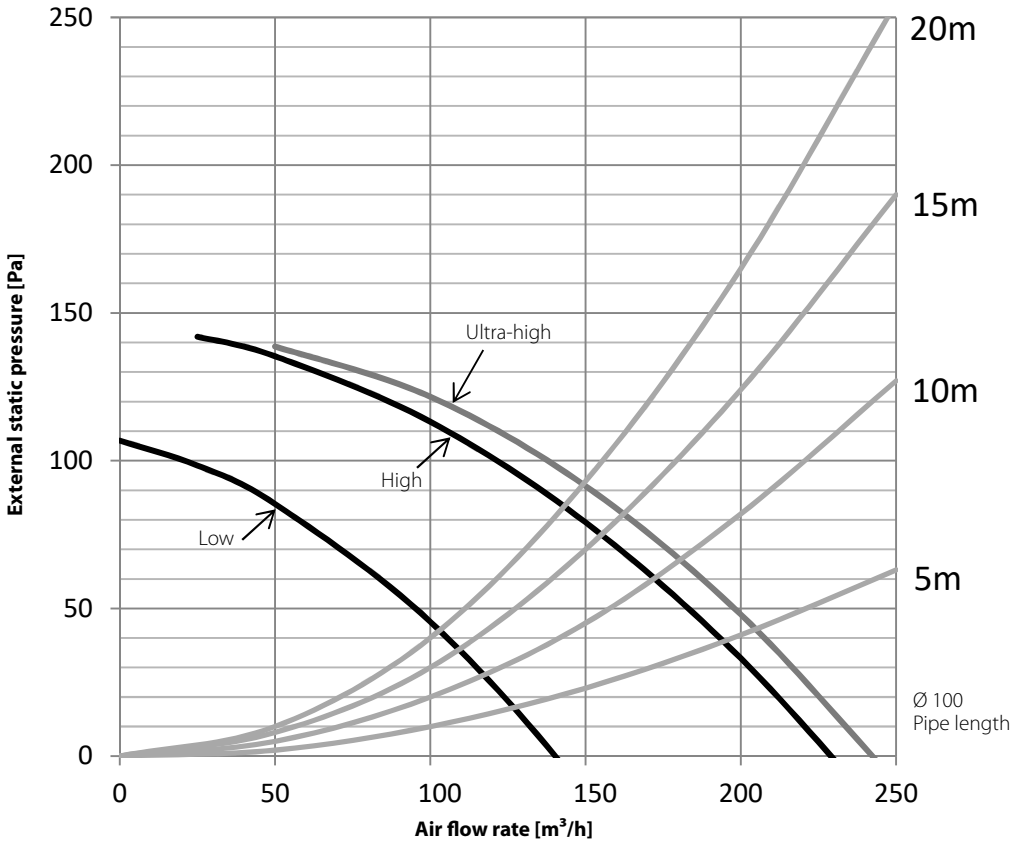
NOTES

1. To allow for the inspection of the air filters, heat exchangers, and fans, be sure to provide the inspection hole.

3D112818C

Click here to view all VAM-FC9 technical drawings on my.daikin.eu

VAM150FC9

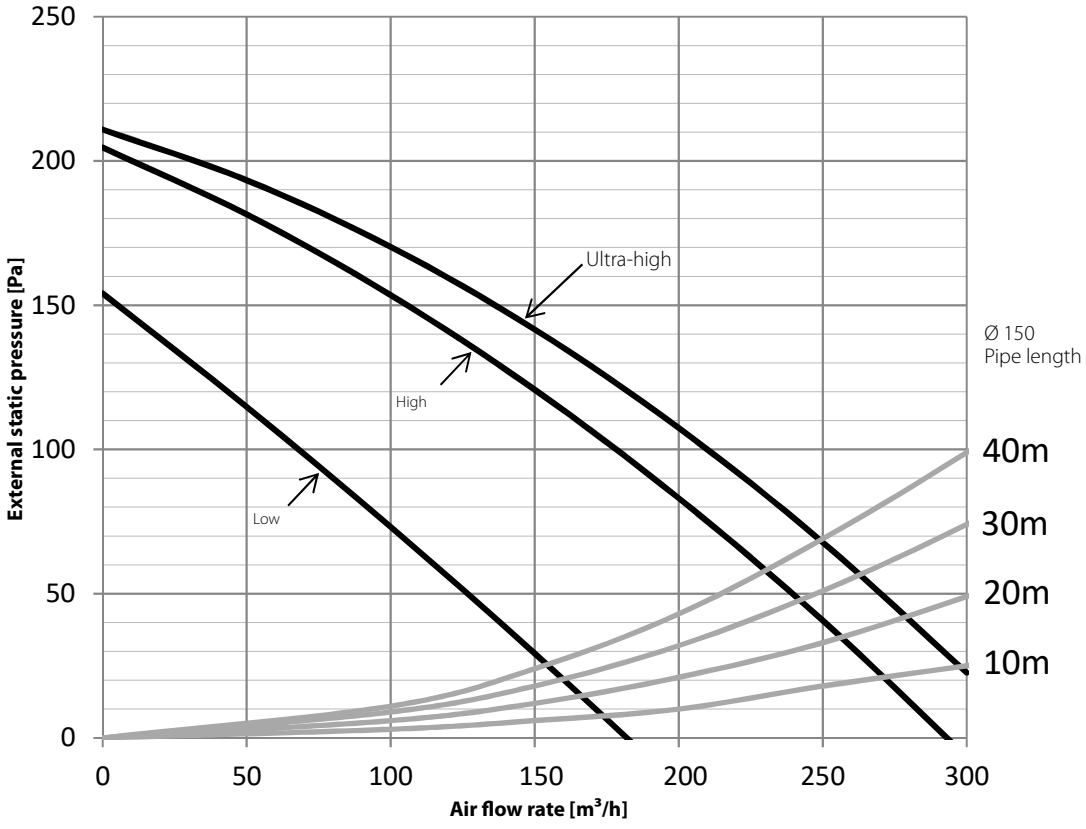


NOTES

1. The fan speeds are valid for ·230·V, ·50·Hz power supply.

4D100379A

VAM250FC

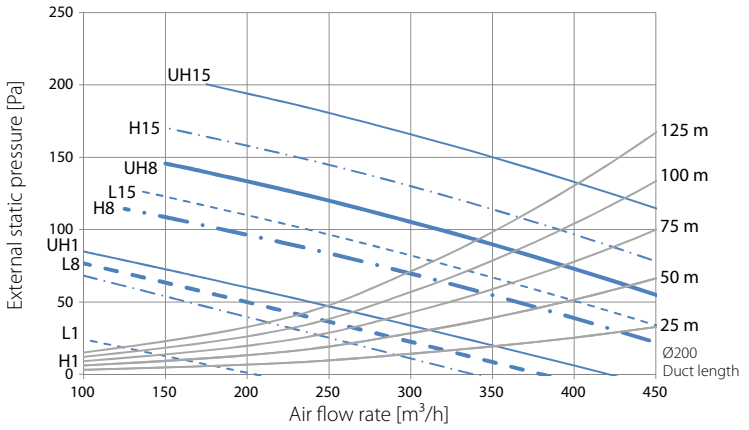


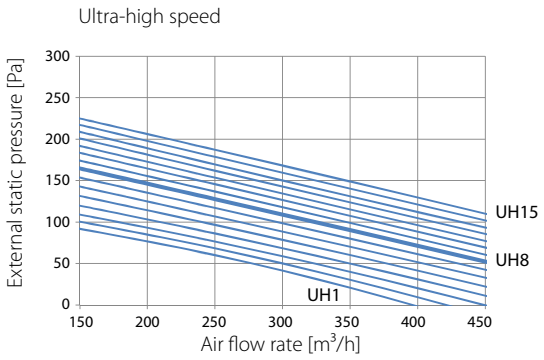
NOTES

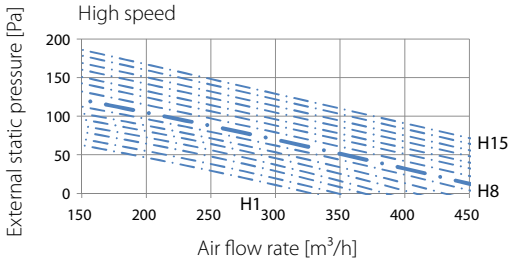
1. The fan speeds are valid for ·230·V, ·50·Hz power supply.

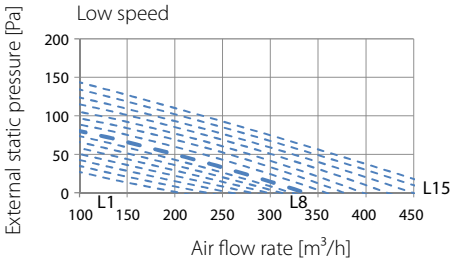
4D100380A

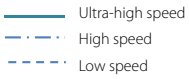
VAM350J











NOTES

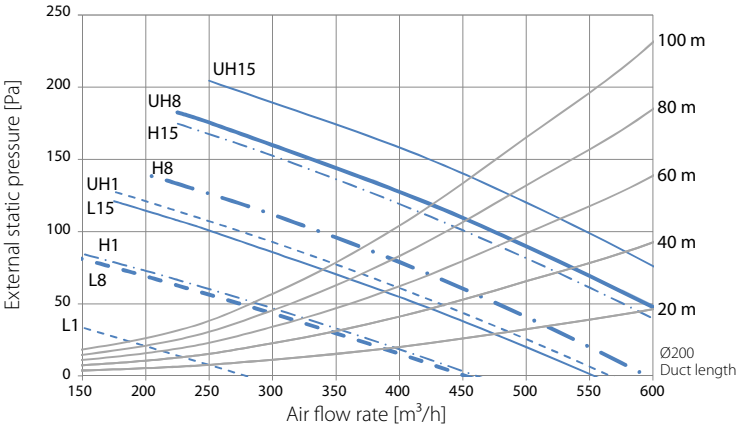
1. The fan curves are determined with ·1/3· of the ESP on the outdoor side (·EA & OA·), and ·2/3· of the ESP on the indoor side (·RA & SA·).
   EA = Exhaust air
   OA = Outdoor air
   RA = Room air
   SA = Supply air
2. Measured according to ·JIS B 8628 - 2003·

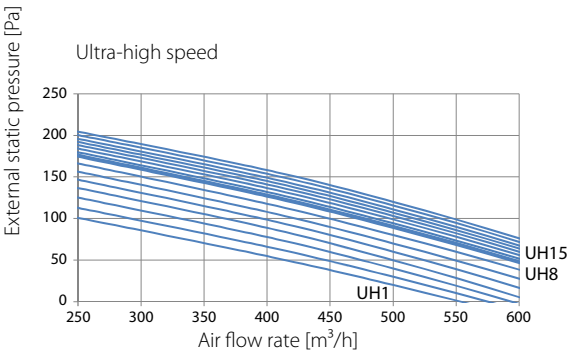
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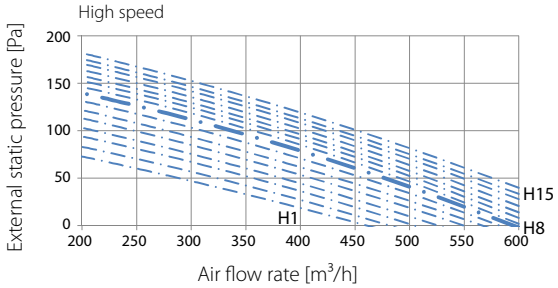
L1 = Low speed lower limit
L8 = Low speed factory setting
L15 = Low speed upper limit
H1 = High speed lower limit
H8 = High speed factory setting
H15 = High speed upper limit
UH1 = Ultra-high speed lower limit
UH8 = Ultra-high speed factory setting
UH15 = Ultra-high speed upper limit

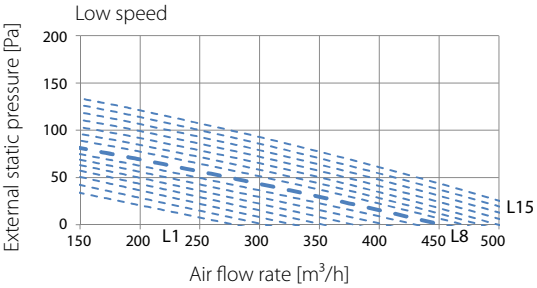
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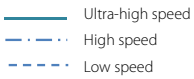
VAM500J











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·

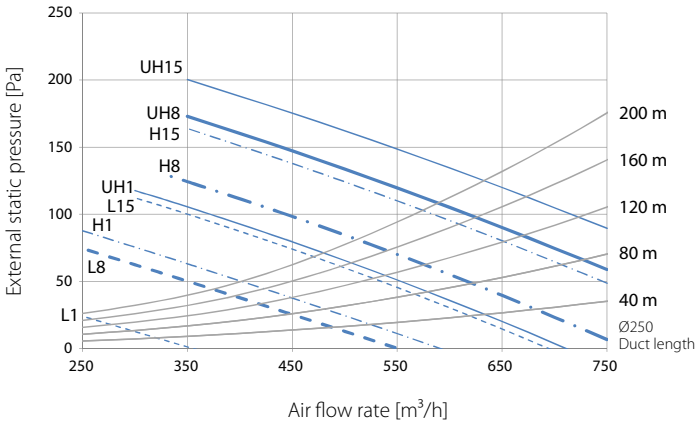
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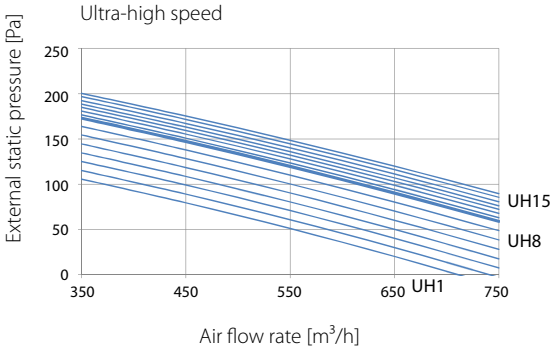
L1 = Low speed lower limit
L8 = Low speed factory setting
L15 = Low speed upper limit
H1 = High speed lower limit
H8 = High speed factory setting
H15 = High speed upper limit
UH1 = Ultra-high speed lower limit
UH8 = Ultra-high speed factory setting
UH15 = Ultra-high speed upper limit

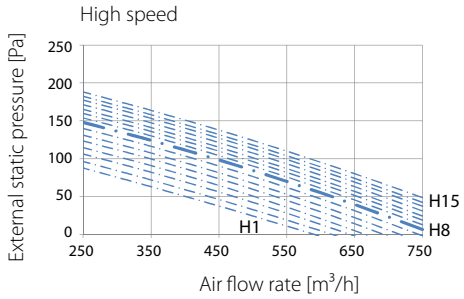
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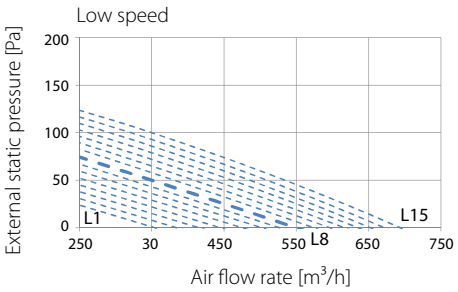
Click here to view all VAM-J technical drawings on my.daikin.eu

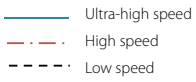
VAM650J











NOTES

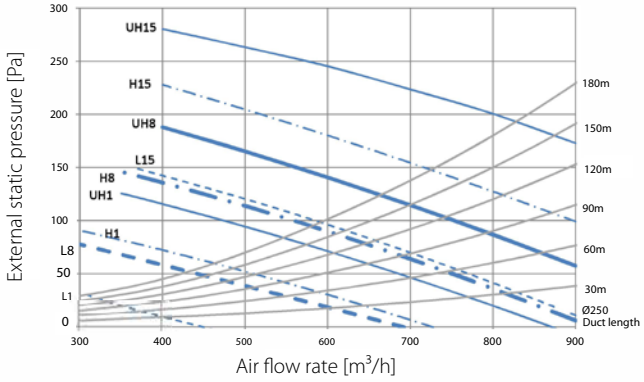
1. The fan curves are determined with 1/3 of the ESP on the outdoor side (EA & OA), and 2/3 of the ESP on the indoor side (RA & SA).
   EA = Exhaust air
   OA = Outdoor air
   RA = Room air
   SA = Supply air
2. Measured according to ·JIS B 8628 - 2003·

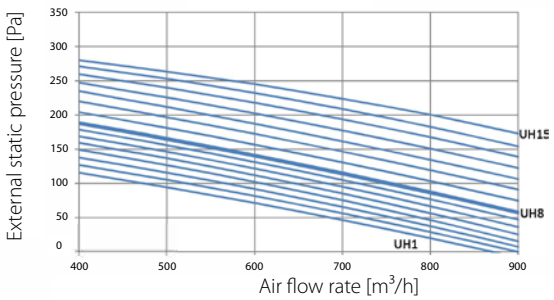
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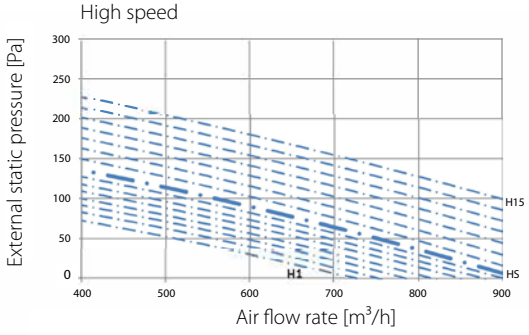
L1 = Low speed lower limit
L8 = Low speed factory setting
L15 = Low speed upper limit
H1 = High speed lower limit
H8 = High speed factory setting
H15 = High speed upper limit
UH1 = Ultra-high speed lower limit
UH8 = Ultra-high speed factory setting
UH15 = Ultra-high speed upper limit

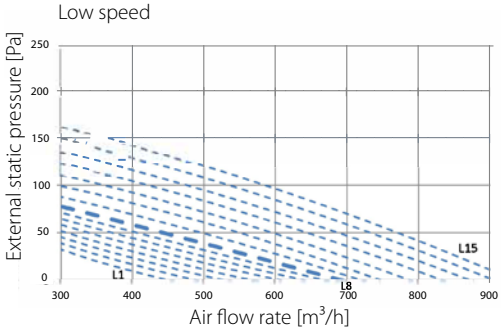
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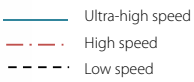
VAM800J











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·

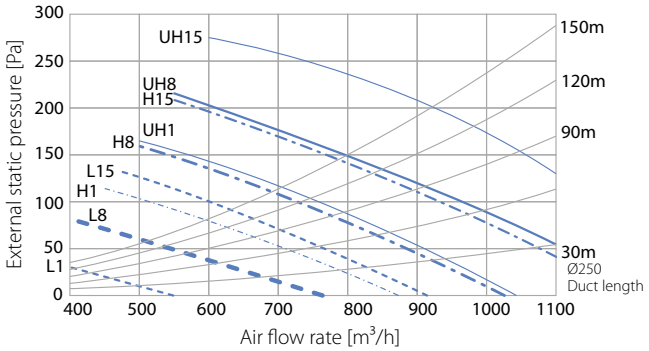
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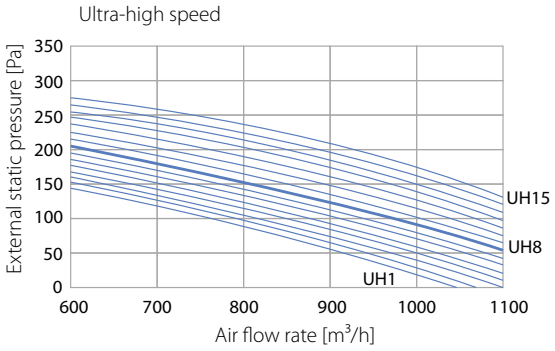
L1 = Low speed lower limit
L8 = Low speed factory setting
L15 = Low speed upper limit
H1 = High speed lower limit
H8 = High speed factory setting
H15 = High speed upper limit
UH1 = Ultra-high speed lower limit
UH8 = Ultra-high speed factory setting
UH15 = Ultra-high speed upper limit

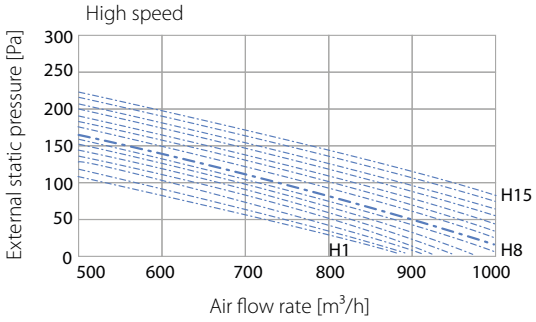
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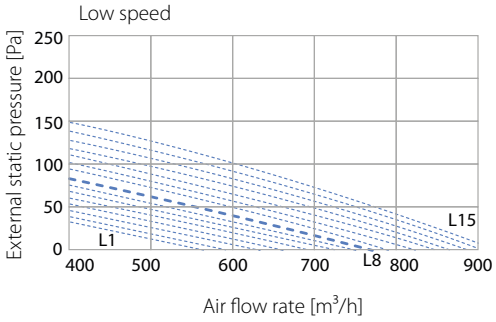
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VAM1000J









Ultra-high speed
High speed
Low speed

NOTES

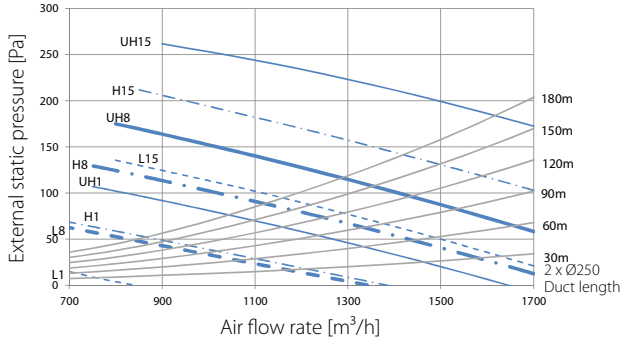
1. The fan curves are determined with 1/3 of the ESP on the outdoor side (EA & OA), and 2/3 of the ESP on the indoor side (RA & SA).
   EA = Exhaust air
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   RA = Room air
   SA = Supply air
2. Measured according to ·JIS B 8628 - 2003·

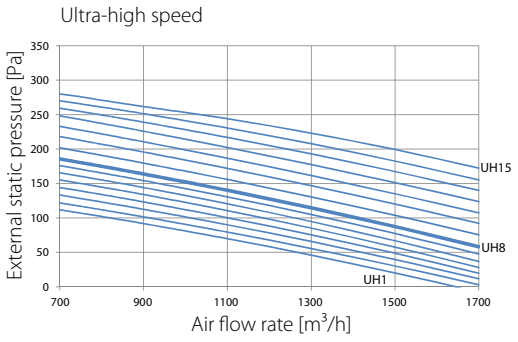
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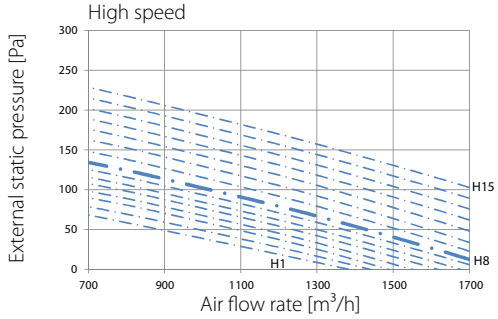
L1 = Low speed lower limit
L8 = Low speed factory setting
L15 = Low speed upper limit
H1 = High speed lower limit
H8 = High speed factory setting
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UH1 = Ultra-high speed lower limit
UH8 = Ultra-high speed factory setting
UH15 = Ultra-high speed upper limit

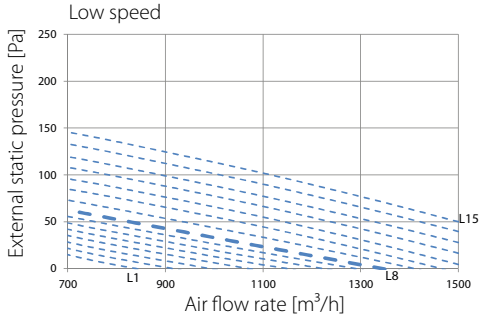
3D112832A

VAM1500J









Ultra-high speed
High speed
Low 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. Measured according to ·JIS B 8628 - 2003·

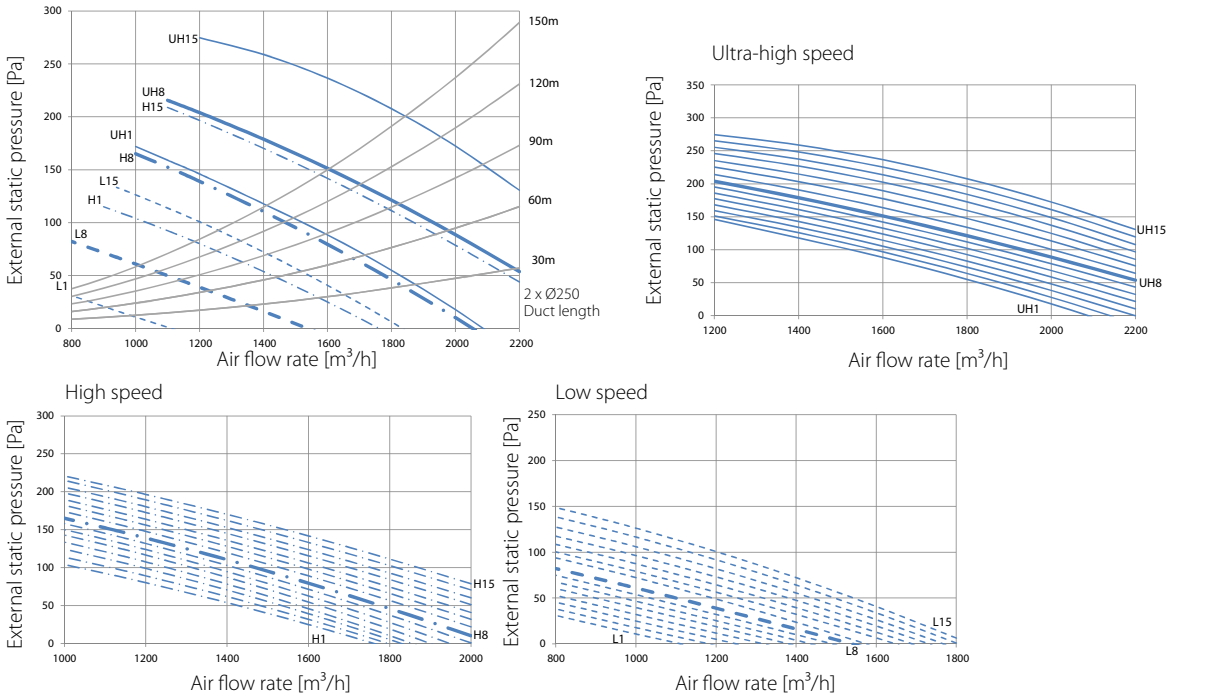
LEGEND

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

3D112838A

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VAM2000J



NOTES

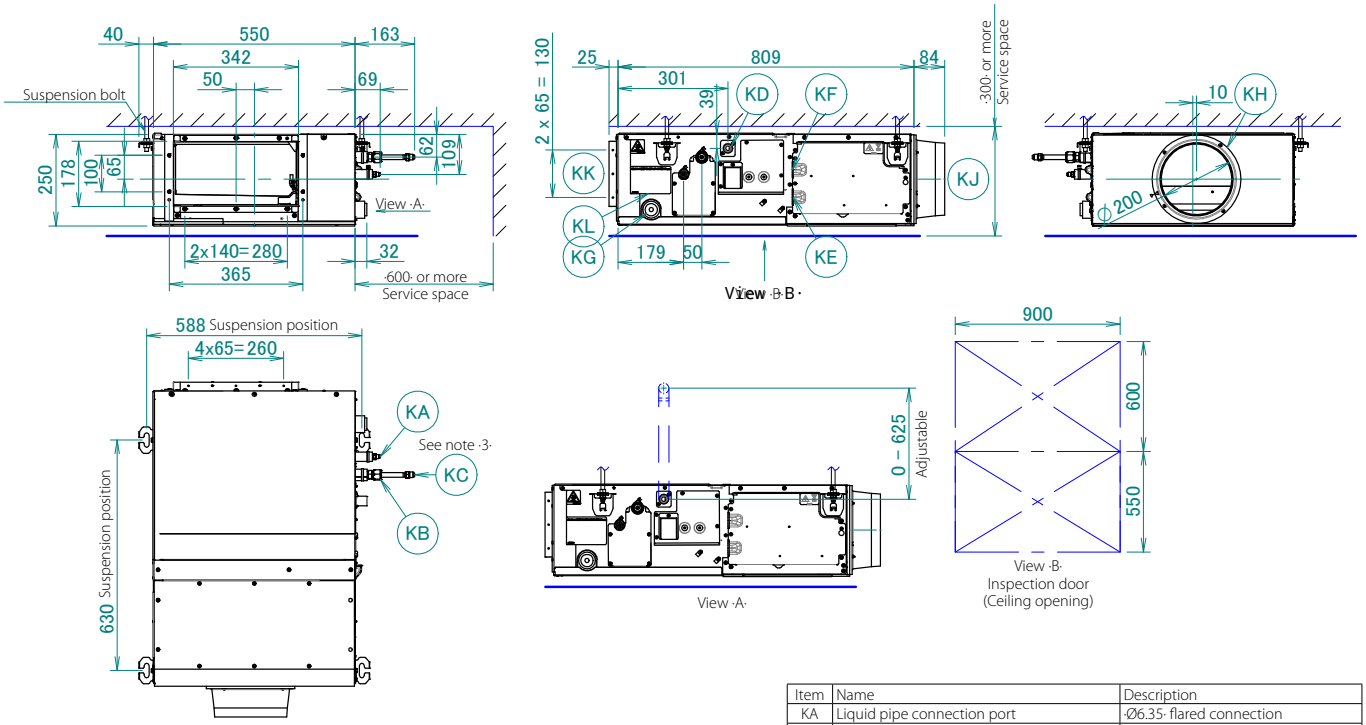
1. The fan curves are determined with 1/3 of the ESP on the outdoor side (EA & OA), and 2/3 of the ESP on the indoor side (RA & SA).
   EA = Exhaust air
   OA = Outdoor air
   RA = Room air
   SA = Supply air
2. Measured according to ·JIS B 8628 - 2003·

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

3D112839A

EKVDX32A



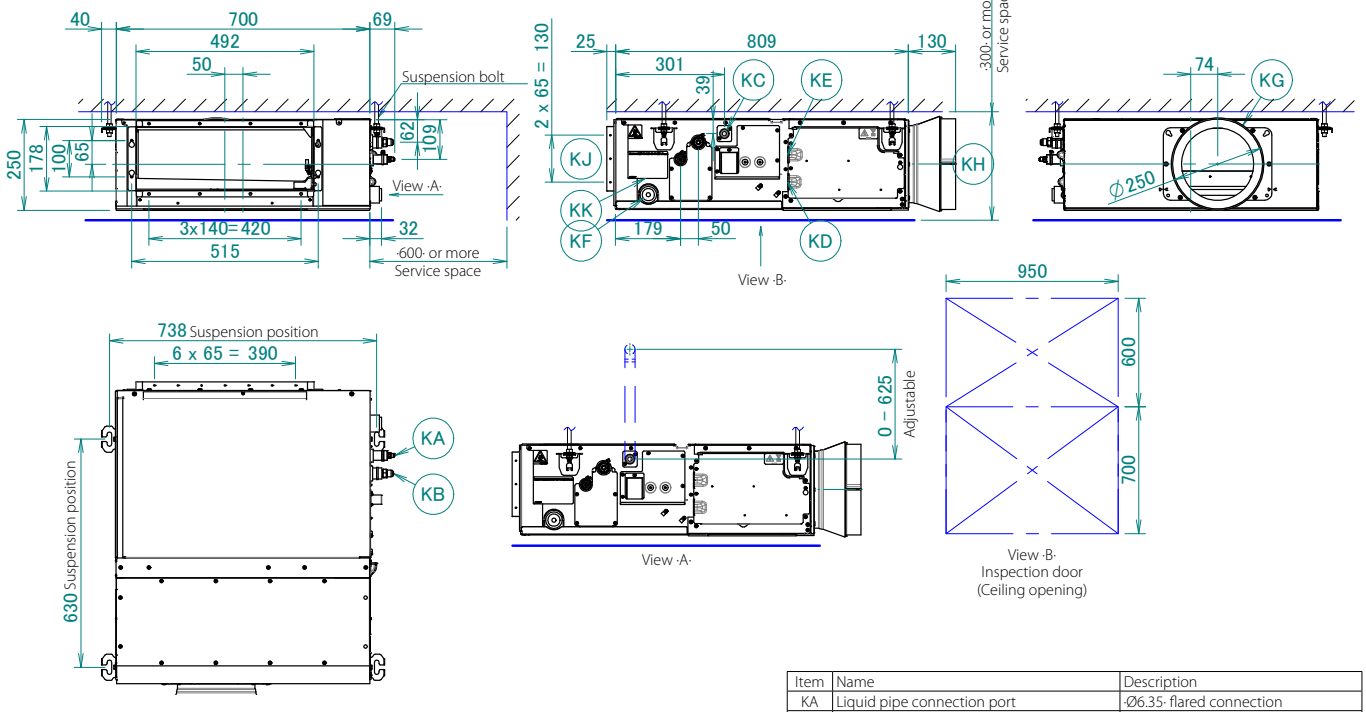
Item	Name	Description
KA	Liquid pipe connection port	·Ø6.35· flared connection
KB	Gas pipe connection port	·Ø12.70· flared connection
KC	Accessory pipe	·Ø9.52· flared connection
KD	Drain pipe connection	VP20 (OD Ø26, ID Ø20)
KE	Wiring connection	/
KF	Power supply connection	/
KG	Drain outlet	VP20 (OD Ø26, ID Ø20)
KH	Air inlet flange	/
KJ	Air suction side	/
KK	Air discharge side	/
KL	Nameplate	/

NOTES

1. When installing optional accessories, refer to their respective documentation.
2. The ceiling depth varies according to the documentation of the specific system.
3. Mandatory in case of using ·R32· refrigerant

3D127967

EKVDX50A



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 inlet flange	/
KH	Air suction side	/
KJ	Air discharge side	/
KK	Nameplate	/

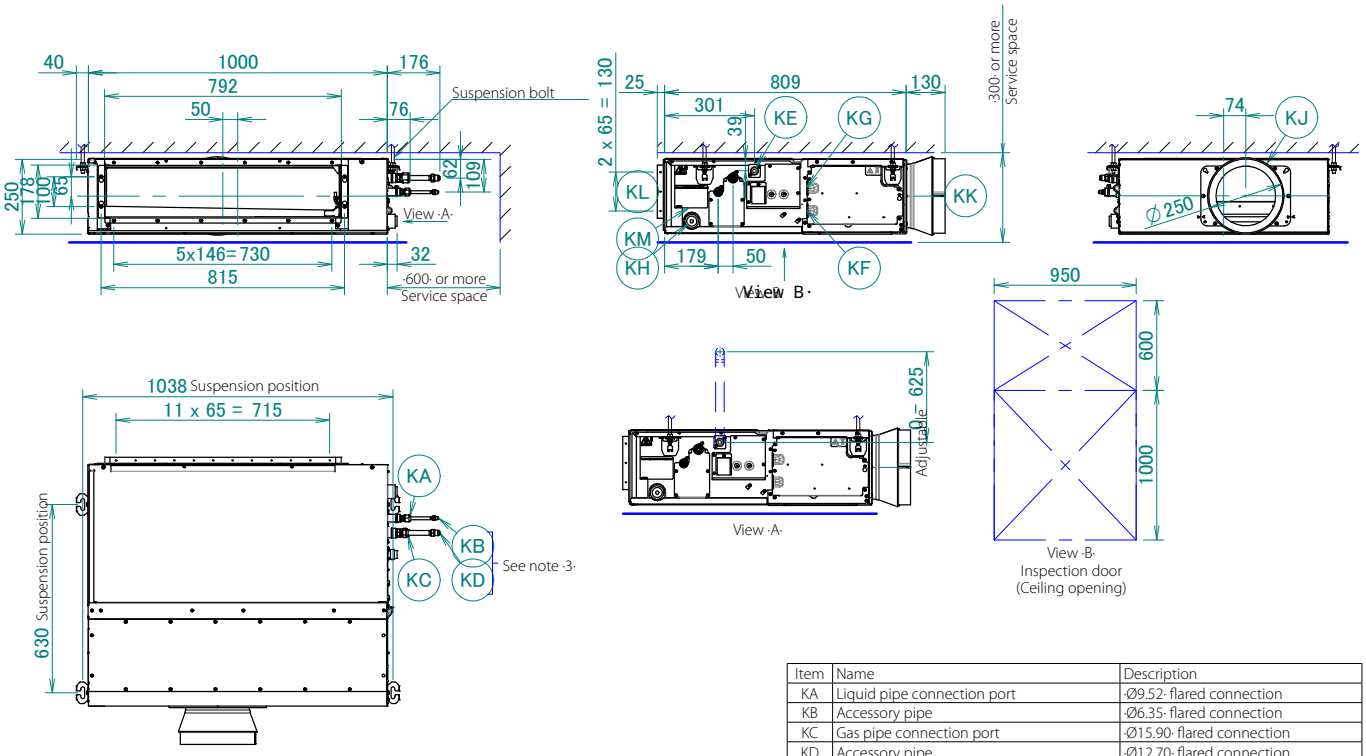
NOTES

1. When installing optional accessories, refer to their respective documentation.
2. The ceiling depth varies according to the documentation of the specific system.

3D127968

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EKVDX80A



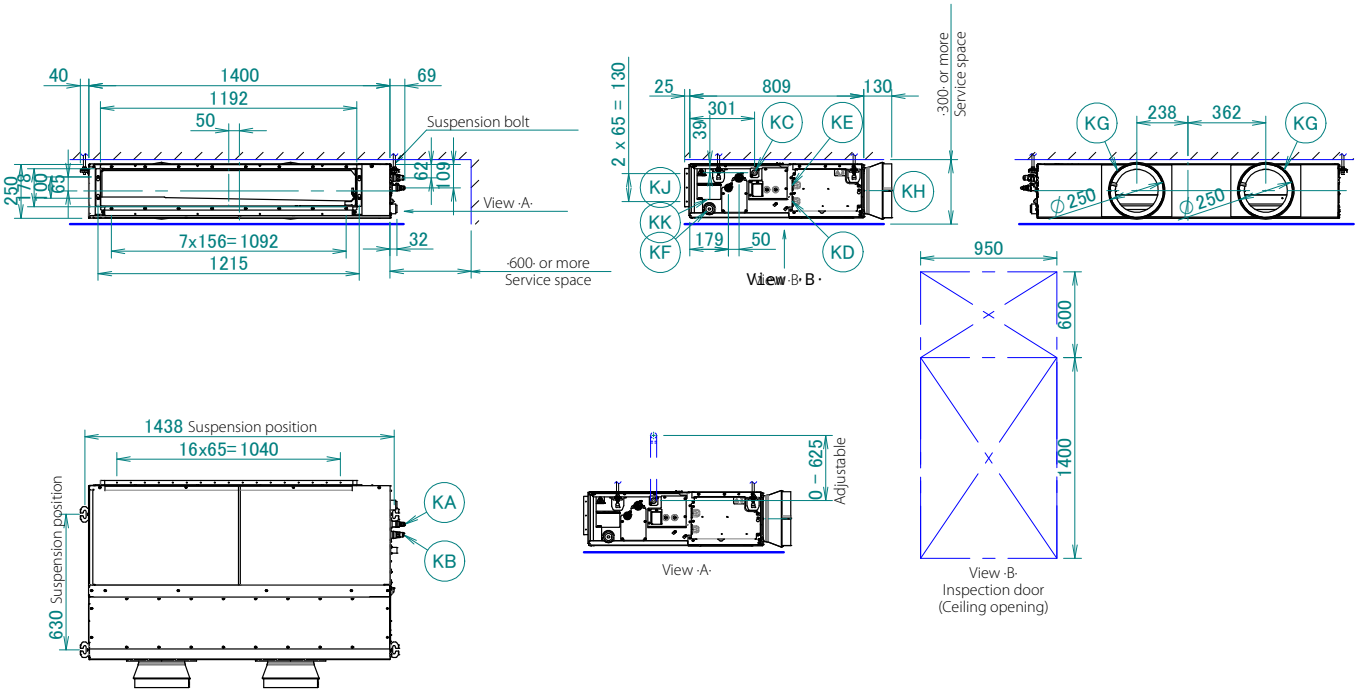
Item	Name	Description
KA	Liquid pipe connection port	·Ø9.52· flared connection
KB	Accessory pipe	·Ø6.35· flared connection
KC	Gas pipe connection port	·Ø15.90· flared connection
KD	Accessory pipe	·Ø12.70· flared connection
KE	Drain pipe connection	VP20 (OD Ø26, ID Ø20)
KF	Wiring connection	/
KG	Power supply connection	/
KH	Drain outlet	VP20 (OD Ø26, ID Ø20)
KJ	Air inlet flange	/
KK	Air suction side	/
KL	Air discharge side	/
KM	Nameplate	/

NOTES

1. When installing optional accessories, refer to their respective documentation.
2. The ceiling depth varies according to the documentation of the specific system.
3. Mandatory in case of using ·R32· refrigerant

3D127969

EKVDX100A



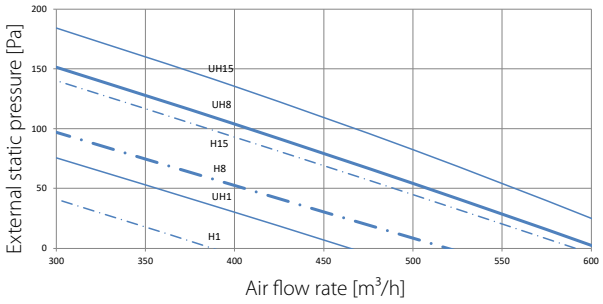
Item	Name	Description
KA	Liquid pipe connection port	·Ø9.52· flared connection
KB	Gas pipe connection port	·Ø15.90· flared connection
KC	Drain pipe connection	VP20 (OD Ø26, ID Ø20)
KD	Wiring connection	/
KE	Power supply connection	/
KF	Drain outlet	VP20 (OD Ø26, ID Ø20)
KG	Air inlet flange	/
KH	Air suction side	/
KJ	Air discharge side	/
KK	Nameplate	/

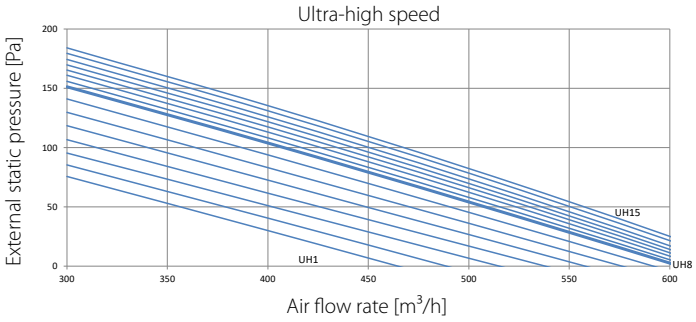
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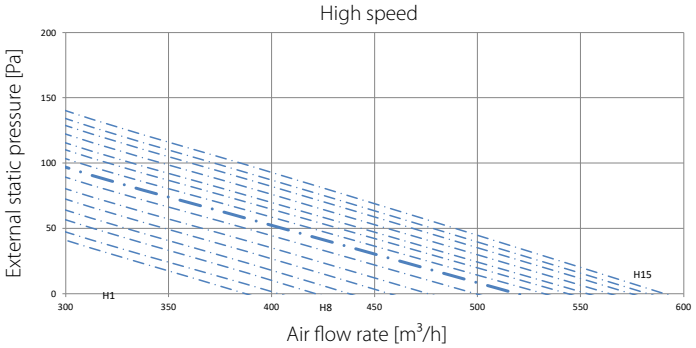
1. When installing optional accessories, refer to their respective documentation.
2. The ceiling depth varies according to the documentation of the specific system.

3D127970

EKVDX32A







LEGEND

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

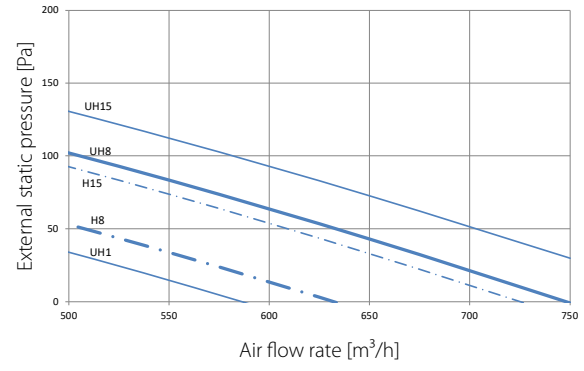
Ultra-high speed
High speed

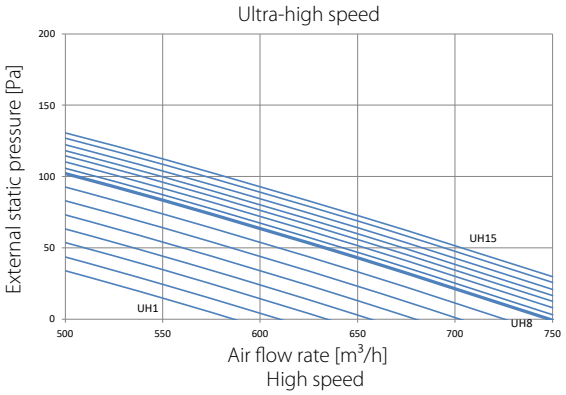
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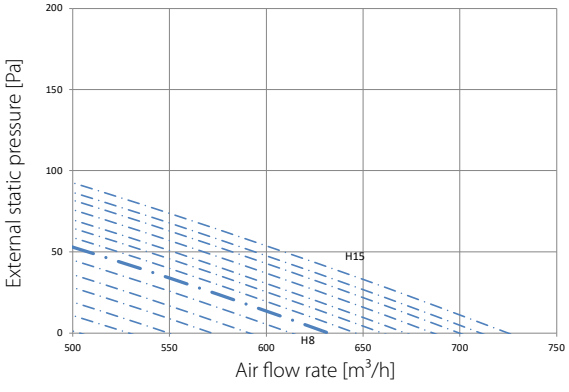
1. The fan curves are determined with ·1/3· of the ESP on the outdoor side (·EA & OA·), and ·2/3· of the ESP on the indoor side (·RA & SA·).
   EA = Exhaust air
   OA = Outdoor air
   RA = Room air
   SA = Supply air
2. The designed airflow of the system at H and UH tap should be kept as shown in the graphs. If the ·VAM· airflow is out of this range, the compressor of the outdoor unit may stop for selfprotection purposes.
3. 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
UH1 = Ultra-high speed lower limit
UH8 = Ultra-high speed factory setting
UH15 = Ultra-high speed upper limit

Ultra-high speed
High speed

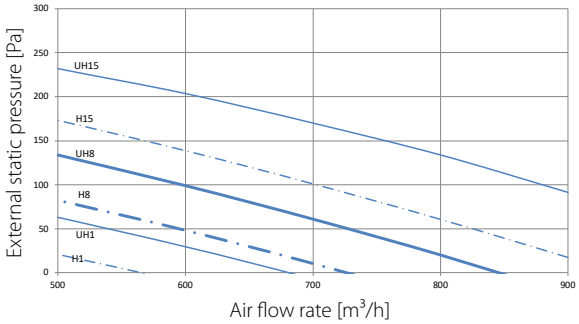
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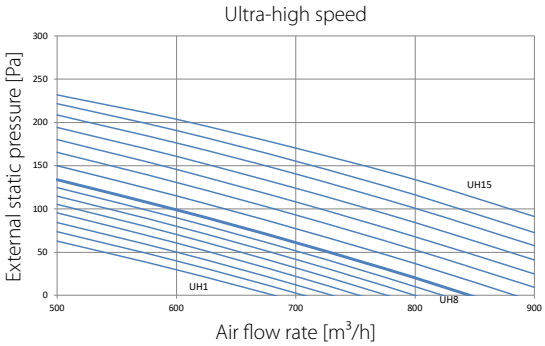
1. The fan curves are determined with ·1/3· of the ESP on the outdoor side (·EA & OA·), and ·2/3· of the ESP on the indoor side (·RA & SA·).
   EA = Exhaust air
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3. Measured according to ·JIS B 8628 - 2003·

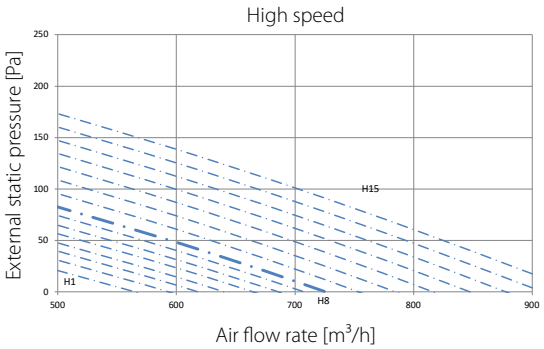
3D138265

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EKVDX50A







LEGEND

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

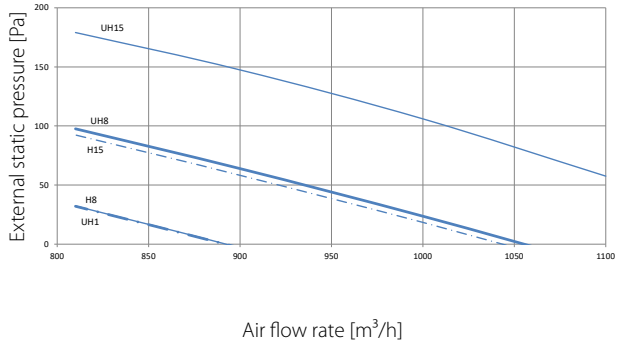
Ultra-high speed
High speed

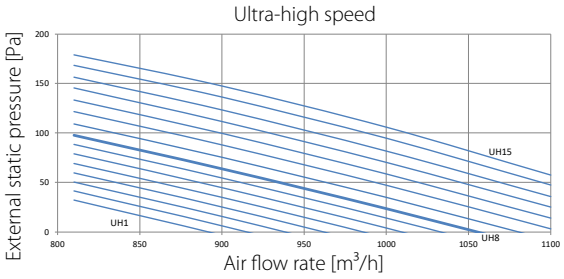
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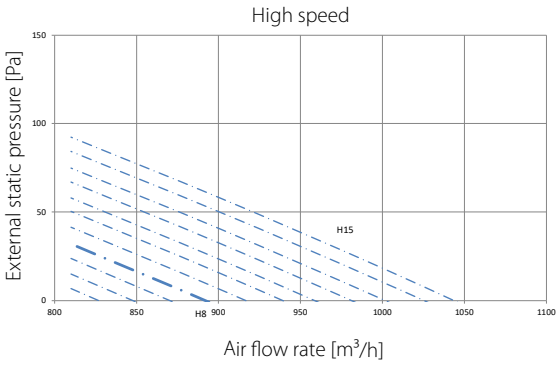
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   EA = Exhaust air
   OA = Outdoor air
   RA = Room air
   SA = Supply air
2. The designed airflow of the system at H and UH tap should be kept as shown in the graphs. If the ·VAM· airflow is out of this range, the compressor of the outdoor unit may stop for self-protection purposes.
3. Measured according to ·JIS B 8628 - 2003·

3D138266

EKVDX80A







LEGEND

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

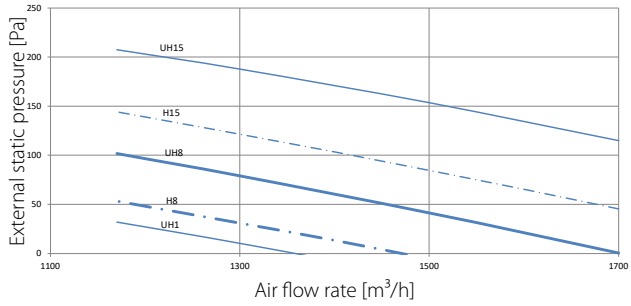
Ultra-high speed
High speed

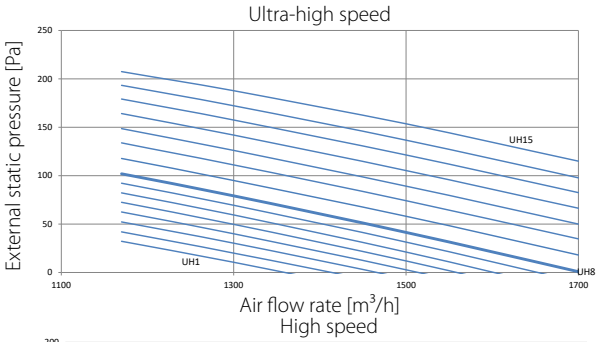
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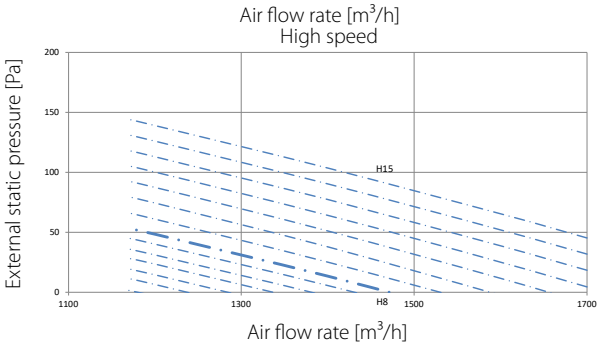
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3D138267

EKVDX100A







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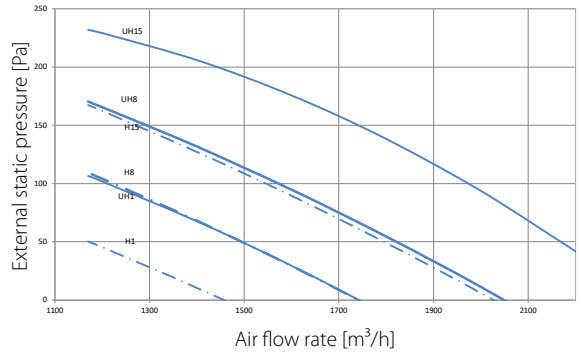
Ultra-high speed
High speed

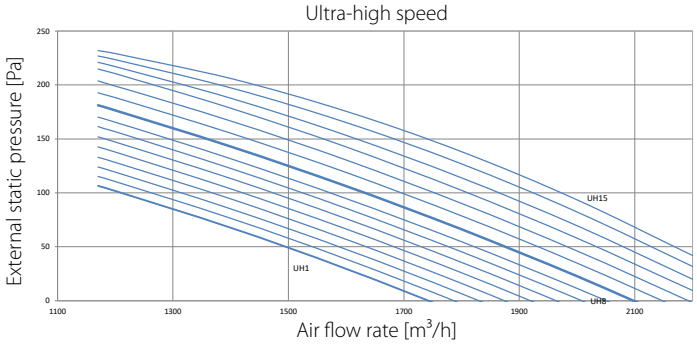
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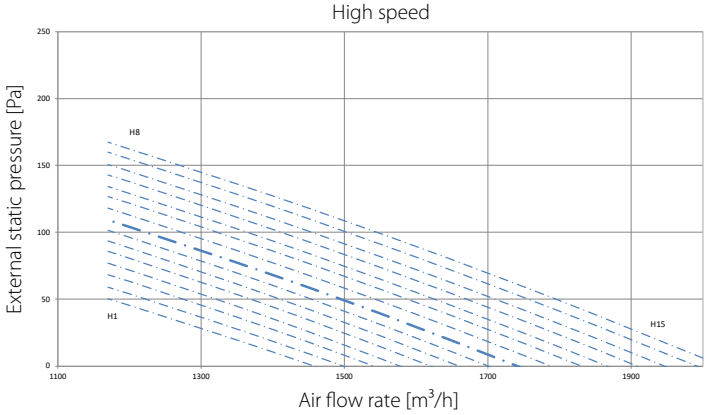
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3D138268

EKVDX100A







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Ultra-high speed
High speed

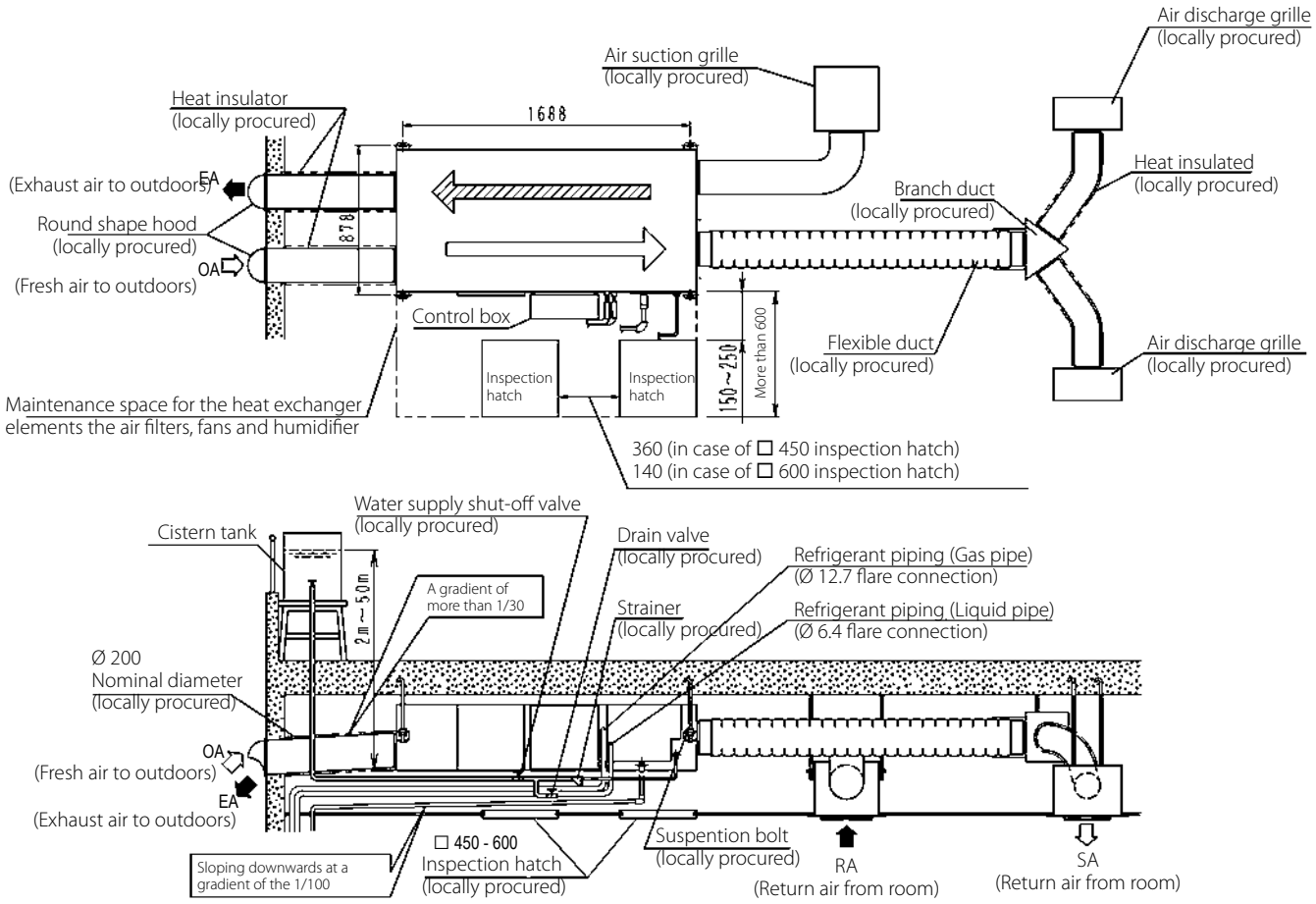
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3D138269

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VKM50GBM

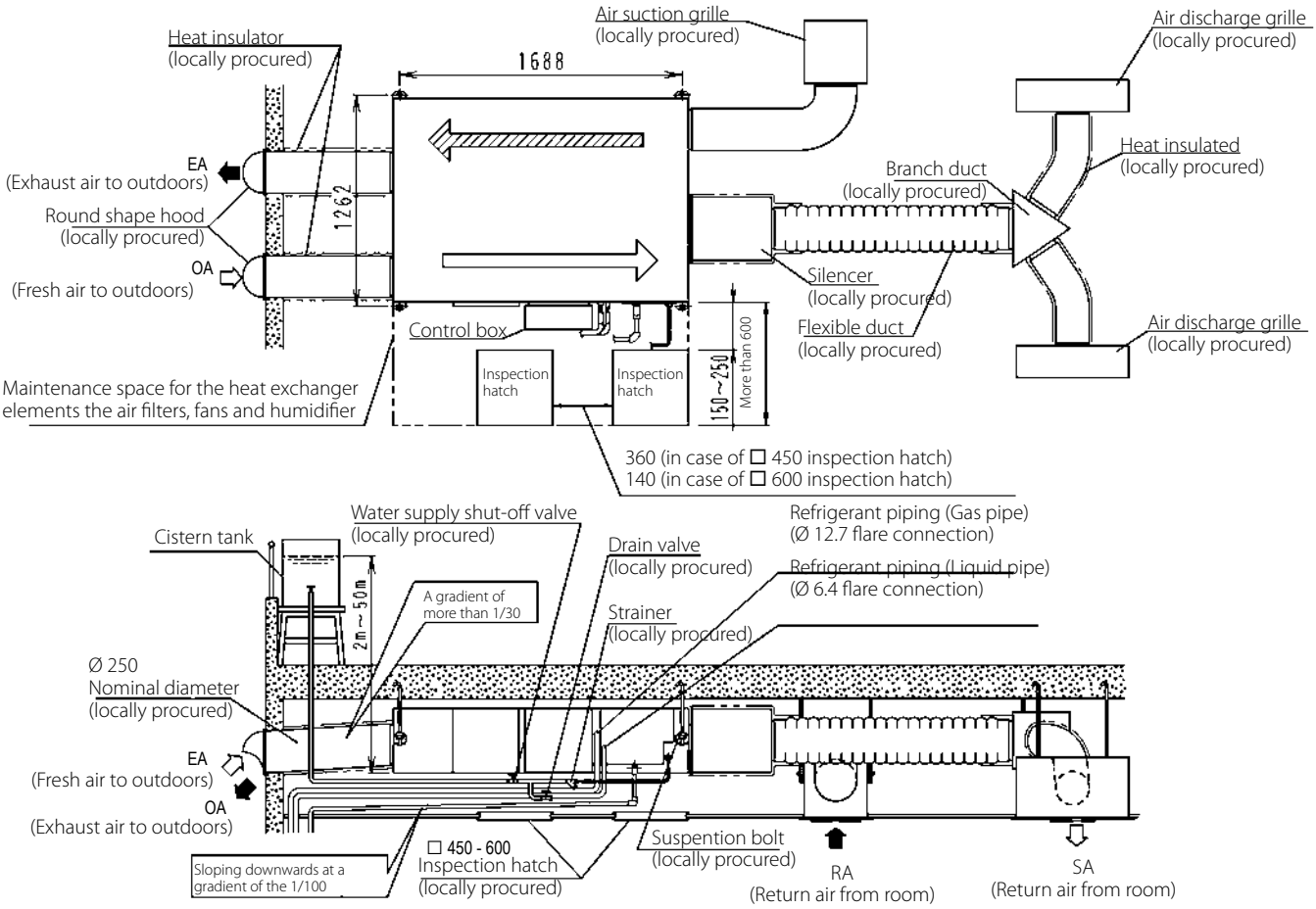


NOTES

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/cm^2 to 5 kg/cm^2)
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.)

3D083011

VKM80GBM

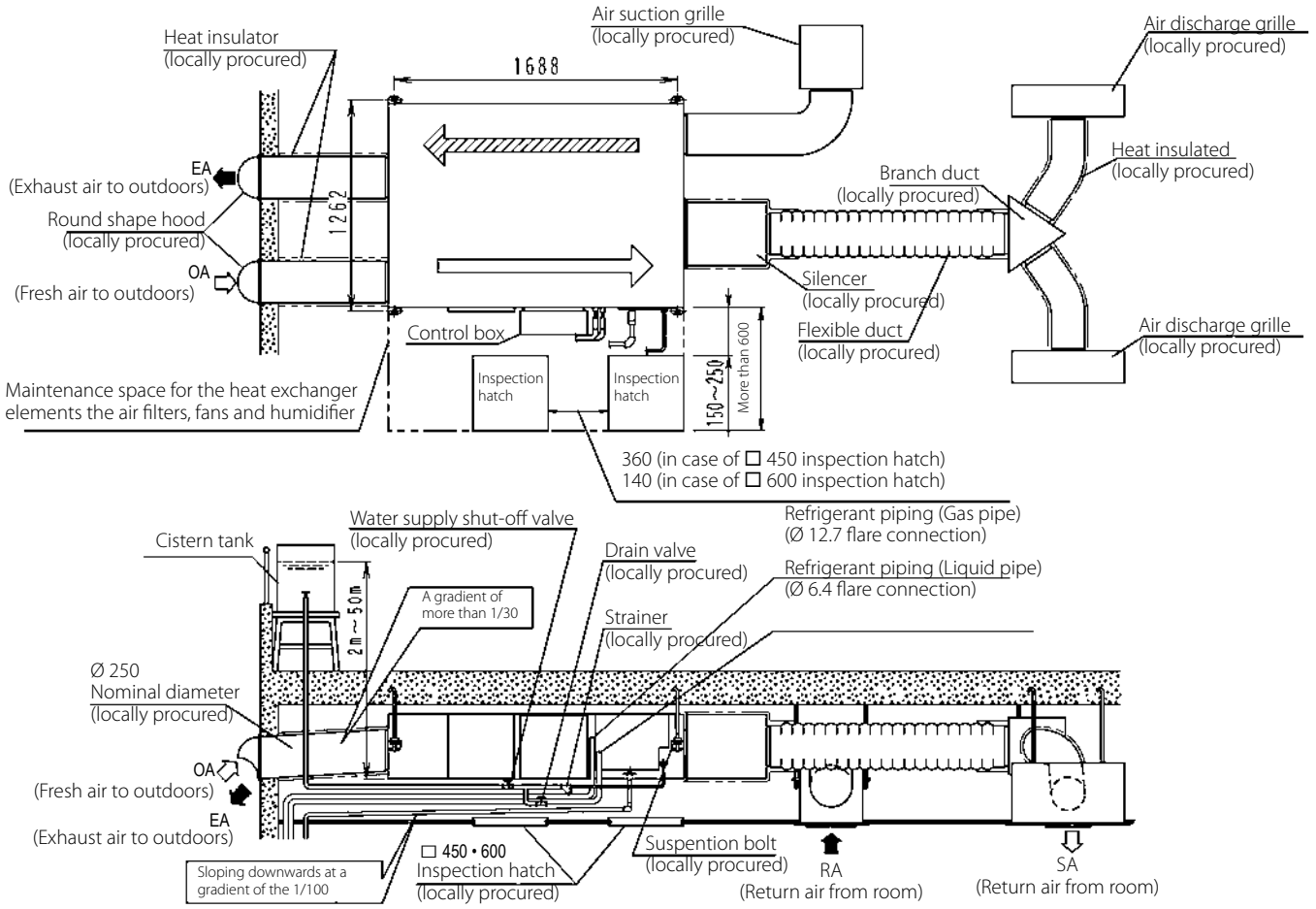


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VKM100GBM

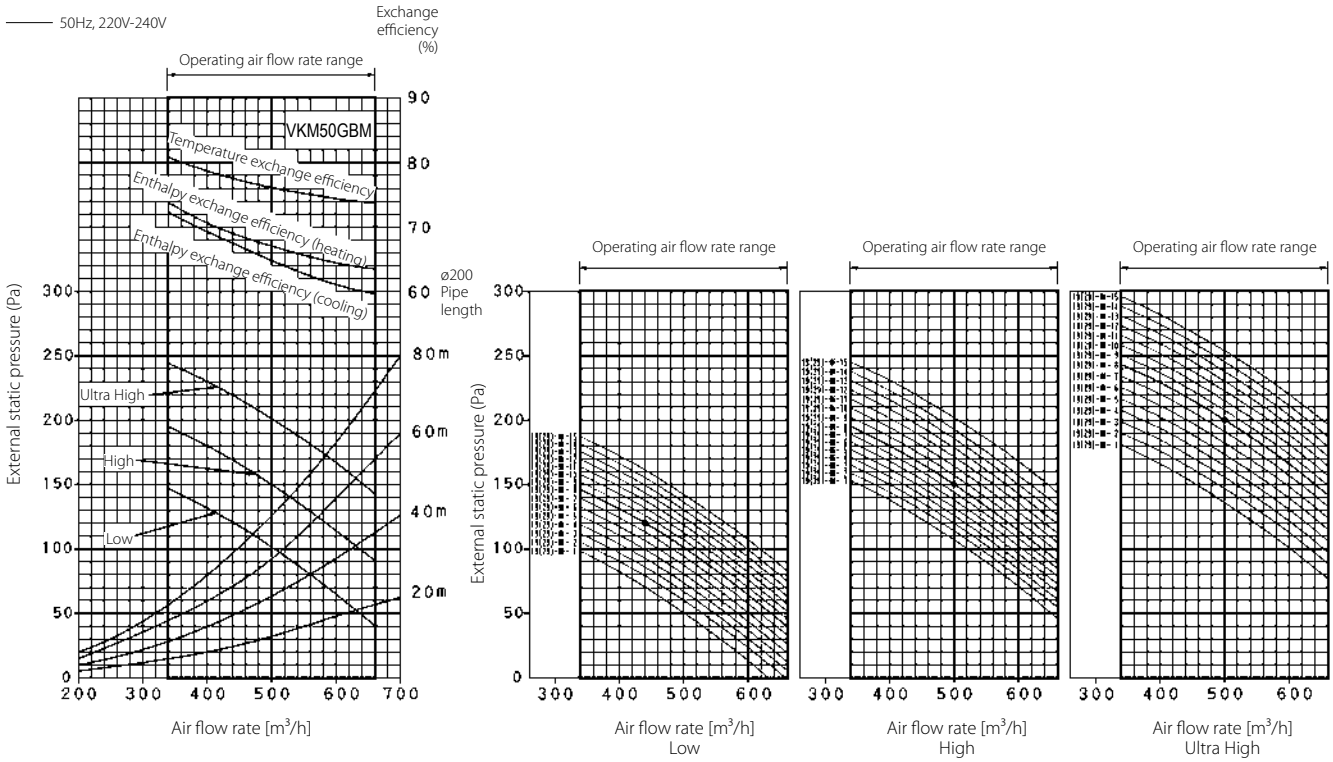


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3D083013

VKM50GBM

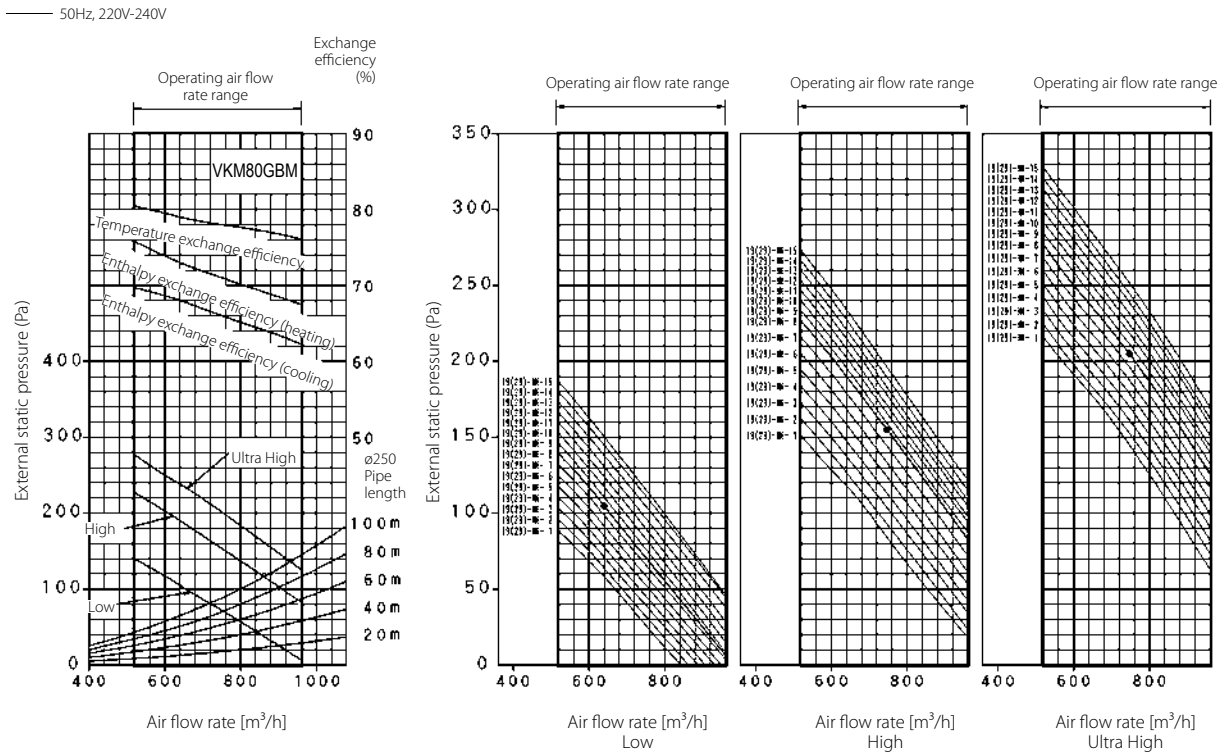


[READING OF PERFORMANCE CHARACTERISTICS]

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]

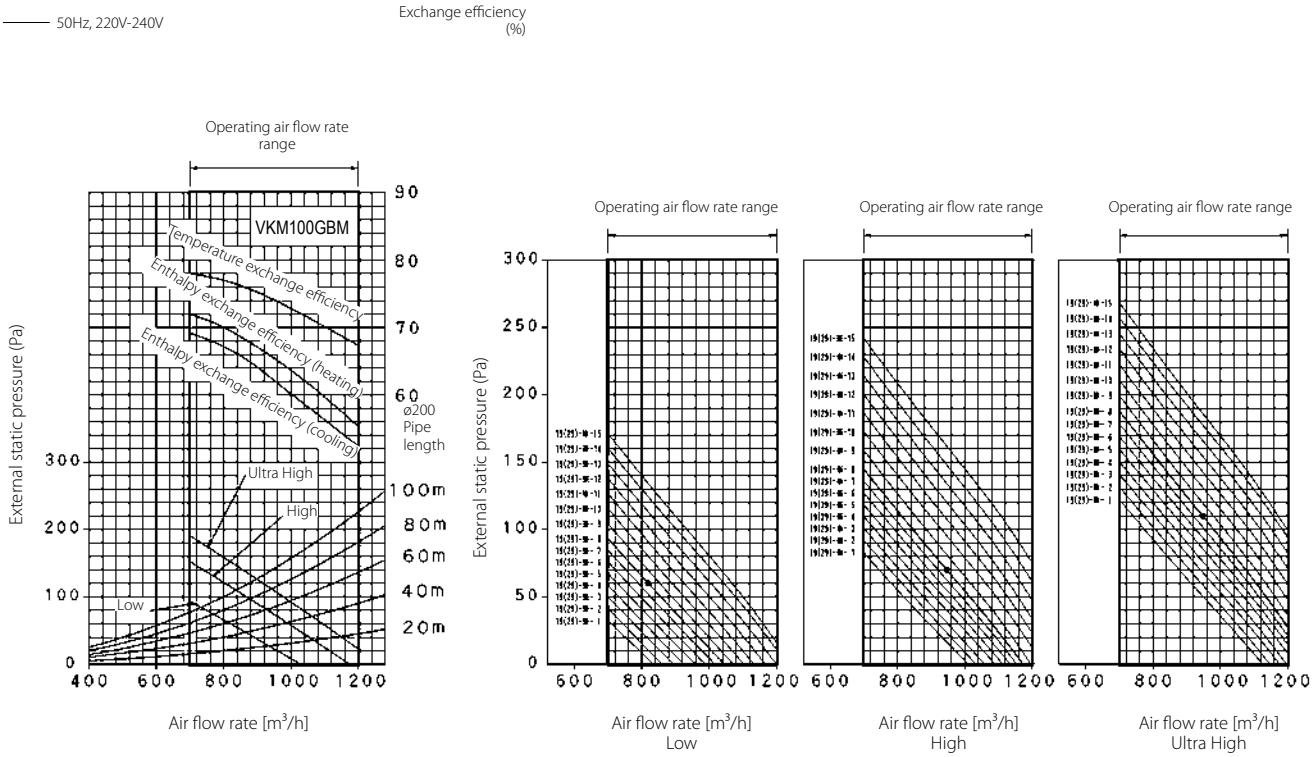
1. For example: 19(29)-※-07
   Mode no.: 19(29)
   First code: ※ (Supply ⌈2⌋ Exhaust ⌈3⌋)
   Second code no.: 07
2. Rated point: ●
3. The characteristic of each tap becomes a setup of the characteristic of the same code number.

3D082902

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VKM100GBM

50Hz, 220V-240V



[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.

3D082903

Power supply

T1 = 3~, 220V, 50Hz
V1 = 1~, 220-240V, 50Hz
VE = 1~, 220-240V/220V, 50Hz/60Hz*
V3 = 1~, 230V, 50Hz
VM = 1~, 220~240V/220~230V, 50Hz/60Hz
W1 = 3N~, 400V, 50Hz
Y1 = 3~, 400V, 50Hz

* For VE power supply only 1~, 220-240V, 50Hz data is displayed in this catalogue.

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
1 3/8″	34.9 mm
1 5/8″	41.3 mm
1 3/4″	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 temp. -10°C; outdoor temp. 32°C; Suction SH10°C
	Freezing		Evaporating temp. -35°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 temp. -10°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 temp. -35°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 temperature application		Low temperature application: Outside ambient temp. 32°C; Evaporating temp. = -35°C and 20°C suction gas temperature
Zanotti	Uni-Block, Bi-Block, Wineblock	High temperature	When normally running: +10°C / +30°C
		Medium temperature	When normally running: 0°C / 30°C
		Low temperature	When normally running: -20°C / +30°C
	CU (one, twin, and more compressor(s))	Medium temperature	Outside ambient temp. 32°C; Evaporating temp. = -10°C and 20°C suction gas temperature
		Low temperature	Outside ambient temp. 32°C; Evaporating temp. = -35°C and 20°C suction gas temperature

Applied systems

Air cooled	Cooling only		Evaporator: 12°C/7°C	Ambient: 35°CDB
	Heat pump		Evaporator: 12°C/7°C	Ambient: 35°C
			Condenser: 40°C/45°C	Ambient: 7°CDB/6°CWB
Water cooled	Cooling only		Evaporator: 12°C/7°C	
			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	Cooling		Indoor temperature 27°CDB, 19°CWB; entering water temperature 7°C, water temperature rise 5K	
	Heating	2-pipe	Indoor temperature 20°CDB, 15°CWB; entering water temperature 45°C, water temperature drop 5K	
		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.

DAIKIN

VRV 5 BLUEVOLUTION

Launching VRV 5 heat pumps

Continuing our path to lower CO_2 equivalent solutions



VRV 5 S-series

VRV 5 Heat Recovery

VRV 5 Heat Pump

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- 5 low sound steps down to 41 dB(A)

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Shîrudo Technology provides peace of mind
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- Factory-integrated refrigerant control measures avoids time-consuming studies
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Widest R-32 portfolio to match any application
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- Plug & Play ventilation solutions from 150 up to 140,000 m^3/h
- Strong range of intuitive, cloud based controls

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- Maximise BREEAM, LEED, … scores thanks to VRV 5 and our expert support
- Online support software to ensure compliance with product standards

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