



Warning

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



Notice

- About harmonics, since this product is equipped with an inverter, harmonics will be generated. If local laws require the suppression of harmonics on the building, please take harmonic suppression measures on the electrical equipment side. Please contact your local sales company for details.

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

Cautions on product corrosion

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

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

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PCVMT2311HK

Offers a wide variety of new functions that
benefit everyone involved.



VRV R SERIES

R-410A

Heat Recovery 50 / 60 Hz

Featuring unique functions in a new large capacity casing

VRV R series enables flexibility through simultaneous cooling and heating operation with a single VRV system. By recovering heat, it is possible significantly to reduce power consumption. VRV R series adopt a new casing to realise a single module of up to 24 class (HP). In addition, the new models have achieved significant energy savings with improved technology. The operating performance has been improved in all directions by introducing unique ideas, technologies and a wide variety of functions to strengthen design flexibility, easy installation and reliability. We provide higher benefits to various users related to air conditioning systems, for example, building owners, consultants, installers and even building management.



VRV R SERIES
Heat Recovery



For OWNERS



Lifecycle Cost & Comfort



Large-capacity Single Module

- Installation space and cost are reduced by large-capacity casing for max. 24 class (HP).



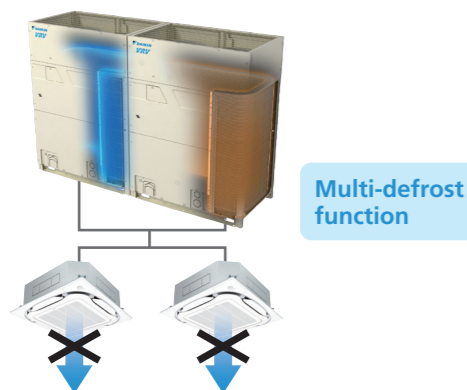
Energy Saving Technology

- Further improvement of energy saving by high efficiency compressor and VRT Smart control.
- Achieves high TCSPF/HSPF, that reduces running cost.



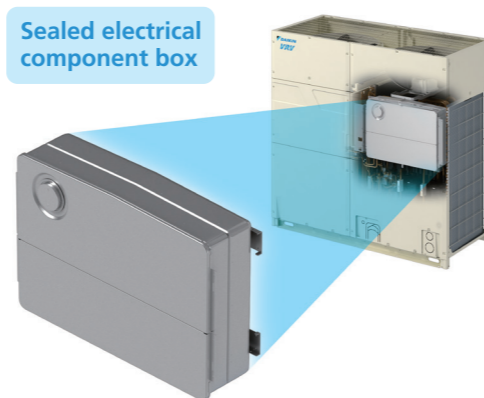
Comfort

- Aiming for further comfort while saving energy. The new multi-defrost function minimises the unpleasant draft of reverse cycle operation during heating.



Reliability

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



For CONSULTANTS

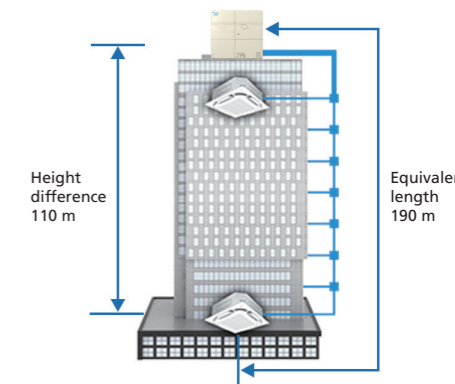


Flexible Design & Engineering Supports



Long Refrigerant Piping

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



Varied Lineup of Indoor Units

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





For INSTALLERS



Easy Installation



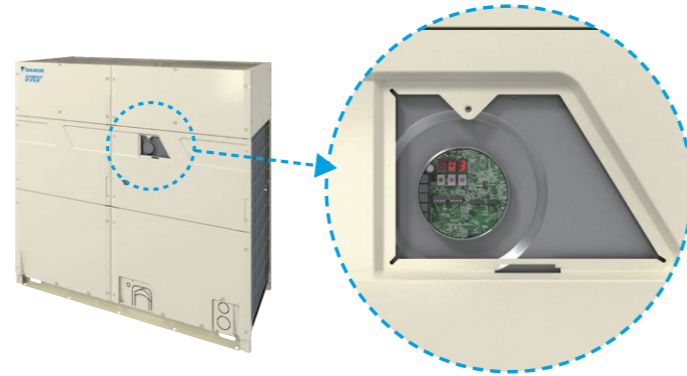
Slimmer Main Piping

- For gas pipe of up to 20 class (HP), the main piping diameter size can be reduced from standard size.*1 It enables lowering installation cost.



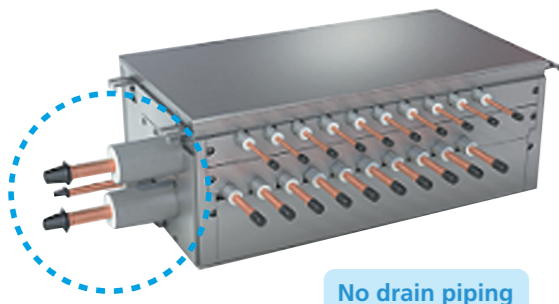
Electrical Component Service Window

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



Drainless Multi BS unit

- Piping workability has been greatly improved. The drainless structure enables a drastic reduction of on-site work since no drain piping is required.



No drain piping



Large-capacity Single Module

- Installation space and cost are reduced by large-capacity casing for max. 24 class (HP).



*1. There are some restrictions. Refer to page 17 for details.



For BUILDING MANAGERMENTS



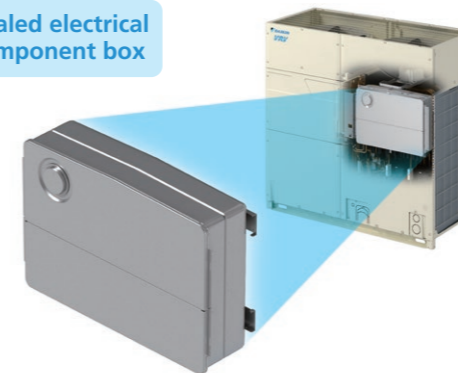
Reliability & Comfort



IP55 Sealed Component Box

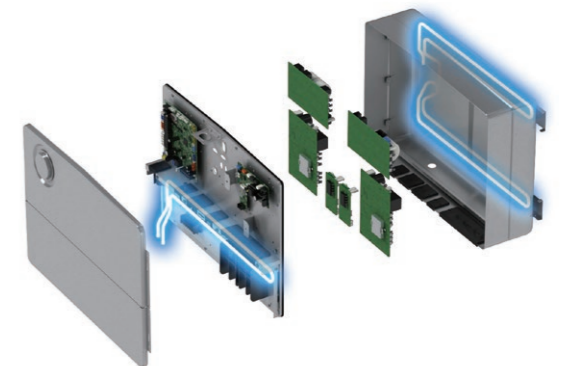
- Sealed electrical component box (IP55) blocks the ingress of debris or water, that leads to unexpected failures.

Sealed electrical component box



Refrigerant Piping Cooling System

- Refrigerant cooling circuit enables operation in high outdoor temperatures.



Continuous Air Conditioning (Comfort)

- The new multi-defrost function minimises the drop of room temperature during heating and keep comfort.

Multi-defrost function



VRV Heat Recovery



VRV R series enables flexibility through simultaneous cooling and heating operation with a single VRV system.

Situation

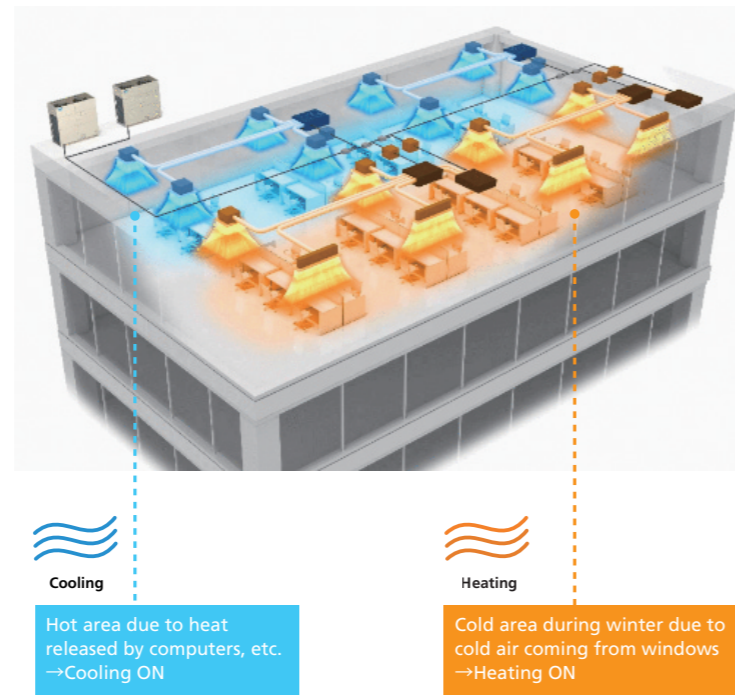
Recent office buildings are highly airtight and due to the use of computers, lighting equipment and other office equipments, **cooling load increases even in winter.**

Need

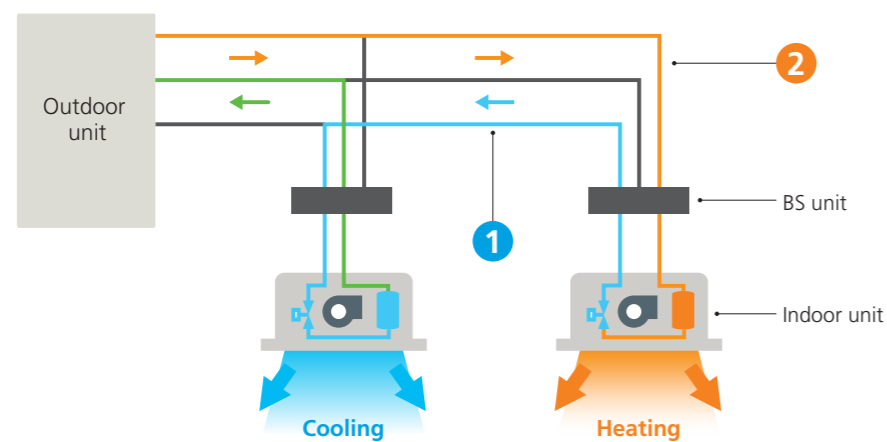
These buildings require **flexible cooling and heating operation.**

Solution

- VRV R series enables flexibility through simultaneous cooling and heating operation with a single VRV system.
- Improves energy efficiency by recycling waste heat.



The heat recovery system improves energy efficiency by recycling waste heat.

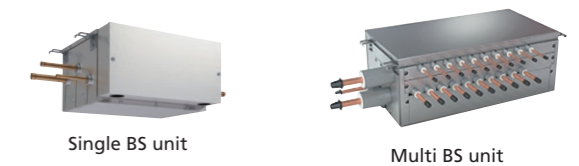


① The (cold) waste heat from heating is used for the cooling operation.

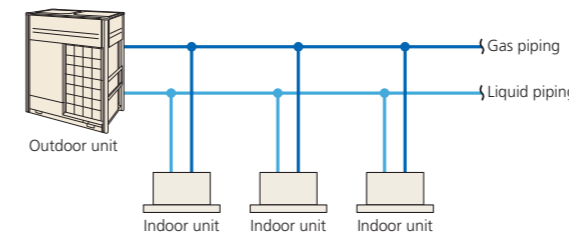
② The waste heat from cooling is used to generate heat that is needed for heating operation while conserving electricity.

BS unit (Single type/Multi type)

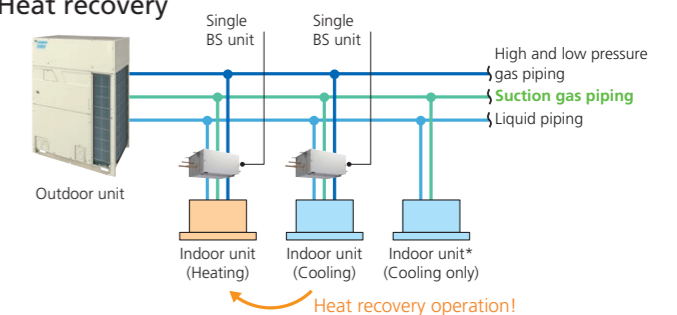
By adding suction gas piping and a BS unit (sold separately), simultaneous cooling and heating operation can be provided by a single system.



Heat pump

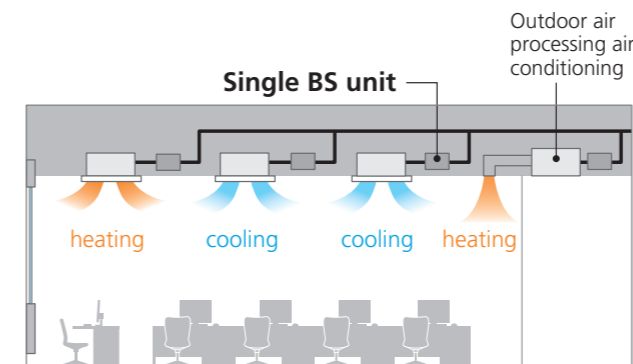


Heat recovery



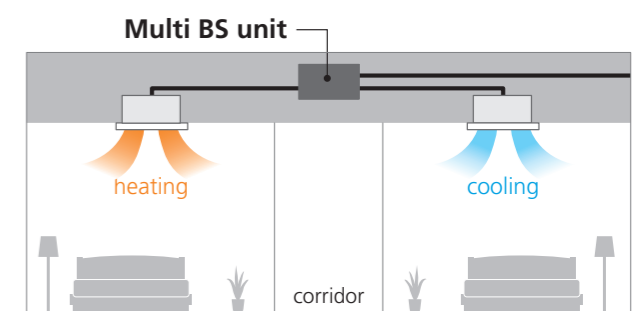
* For indoor units used for cooling only (do not connect to BS unit when using for heat recovery), total capacity index must be 50% or less than the capacity index of the outdoor units.

Application reference



Winter season (Office Building)

- Difference between the load of cold air and heat from room is large
- Can be used with the outdoor air processing air conditioning

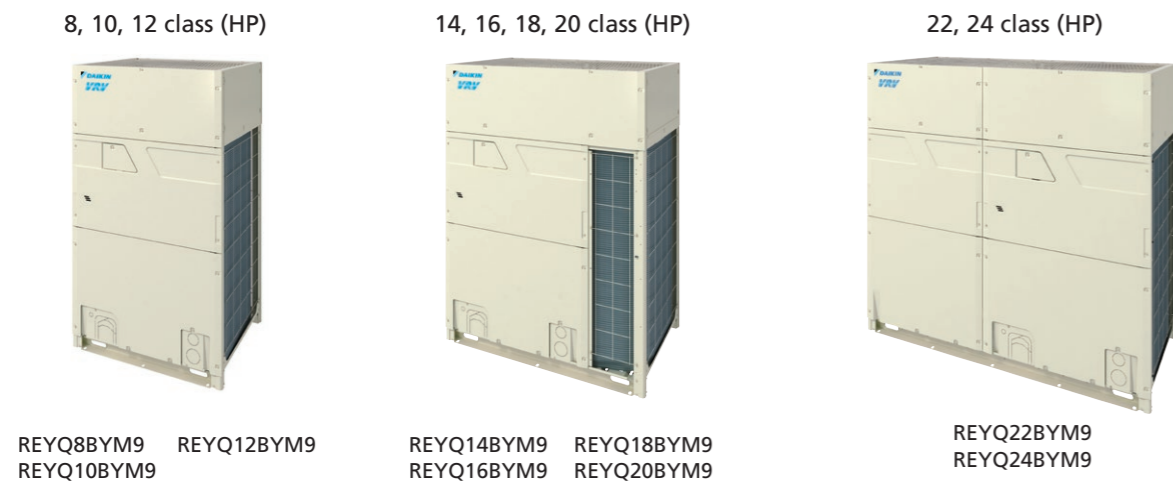


Winter season (Hotel)

- Able to cater to individual heating and cooling requirement

New Casing

Offers advanced design and new structure with excellent workability.
The larger single module casing reduces installation cost and space also.

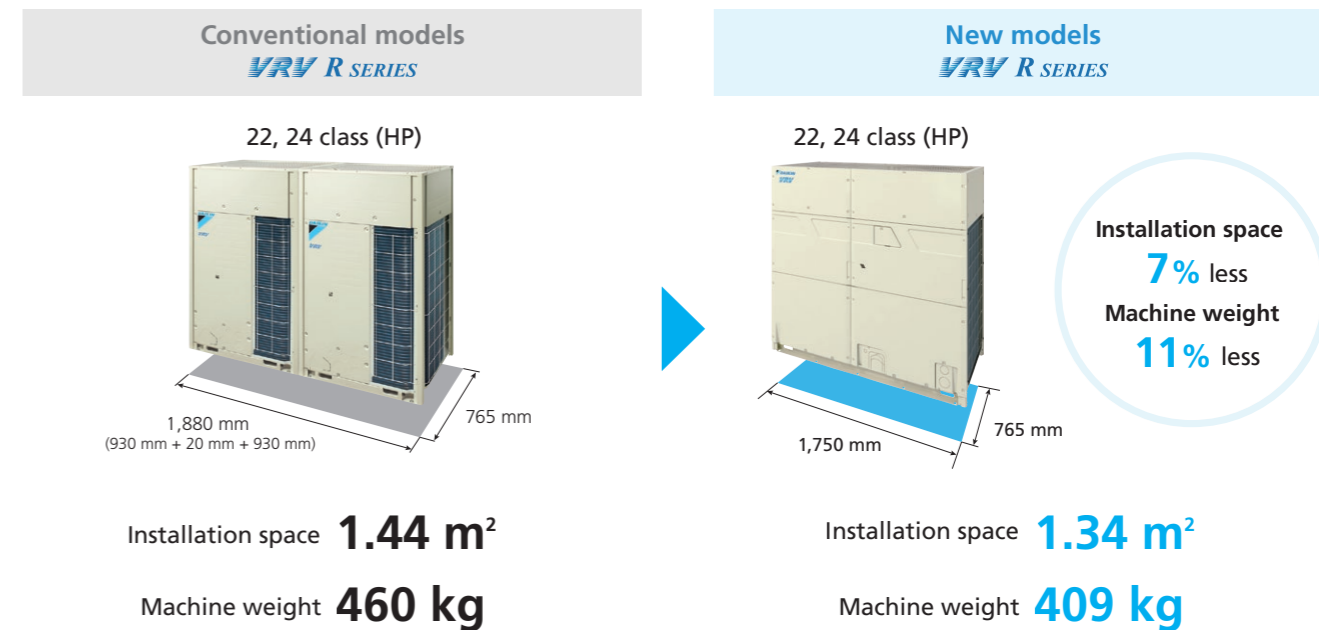


Outdoor unit combination

| System capacity class (HP) | | Number of units | Single module (class) | | | | | | | | |
|----------------------------|------|-----------------|-----------------------|----|----|----|----|----|-----|----|----|
| Class (HP) | kW | | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
| 8 | 22.4 | Single | ● | | | | | | | | |
| 10 | 28.0 | | | ● | | | | | | | |
| 12 | 33.5 | | | | ● | | | | | | |
| 14 | 40.0 | | | | | ● | | | | | |
| 16 | 45.0 | | | | | | ● | | | | |
| 18 | 50.0 | | | | | | | ● | | | |
| 20 | 56.0 | | | | | | | | ● | | |
| 22 | 61.5 | | | | | | | | | ● | |
| 24 | 67.0 | | | | | | | | | | ● |
| 26 | 73.5 | Double | | | ● | ● | | | | | |
| 28 | 78.5 | | | | ● | | ● | | | | |
| 30 | 83.5 | | | | ● | | | ● | | | |
| 32 | 89.5 | | | | ● | | | | ● | | |
| 34 | 96.0 | | | | | ● | | | ● | | |
| 36 | 101 | | | | | | ● | | ● | | |
| 38 | 106 | | | | | | | ● | ● | | |
| 40 | 112 | | | | | | | | ●● | | |
| 42 | 117 | | | | | | | ● | | | ● |
| 44 | 123 | | | | | | | | ● | | ● |
| 46 | 129 | | | | | | | | | ● | ● |
| 48 | 134 | | Triple | | | | | | | | |
| 50 | 140 | | | | ● | | | ● | ● | | |
| 52 | 146 | | | | ● | | | | ●● | | |
| 54 | 152 | | | | | ● | | | ●● | | |
| 56 | 157 | | | | | | ● | | ●● | | |
| 58 | 162 | | | | | | | ● | ●● | | |
| 60 | 168 | | | | | | | | ●●● | | |

Large-capacity single module

Single module reduces installation space

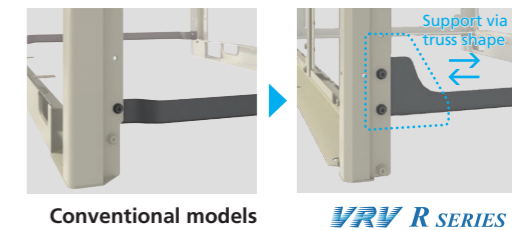


New reinforced design

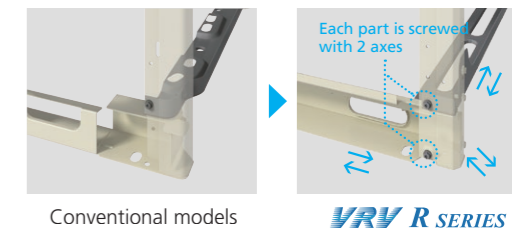
The frame structure has been strengthened to improve resistance to earthquakes and wind while protecting against falling damage.



1 Minimises horizontal wobbling



2 Minimises vibration from various angles



Energy Savings

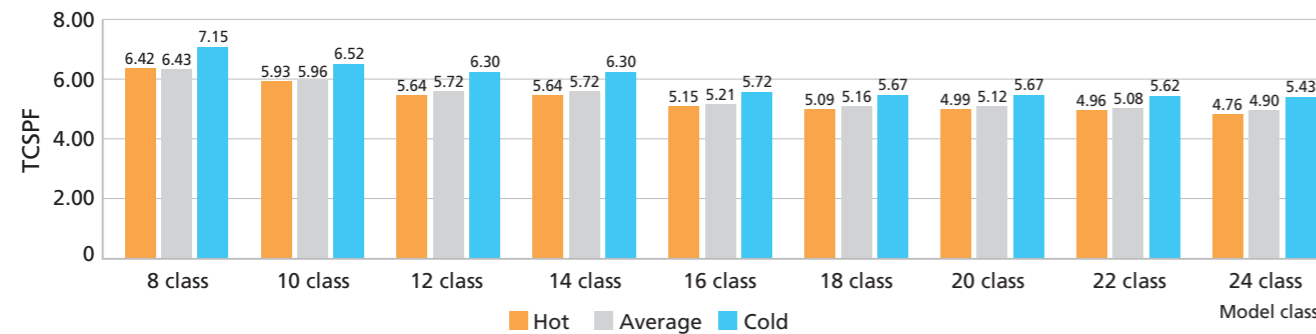


High TCSPF / HSPF

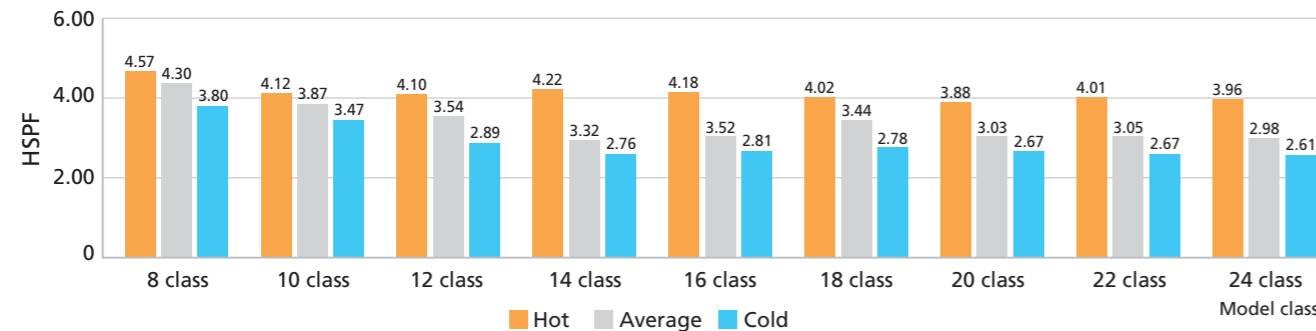
Energy savings during actual operation have been further improved by the evolution of software and hardware technologies.

Achieved high values for TCSPF and HSPF in all series.

TCSPF (for commercial use)



HSPF (for commercial use)



What are TCSPF and HSPF ?

TCSPF : Total Cooling Seasonal Performance Factor

HSPF : Heating Seasonal Performance Factor

TCSPF & HSPF represents the ratio of the Total Cooling & Heating capacity of the air-conditioner relative to the Total energy consumed by the air-conditioner during the Total Cooling & Heating operation periods in a year. Since the geography of Oceania is large with varying climate conditions, the same product will perform differently depending on the area. As a result, the rating system divides the continent into distinct climate zones (hot, average, and cold) and indicates each performance factor different temperature conditions.

Principal cities of each area

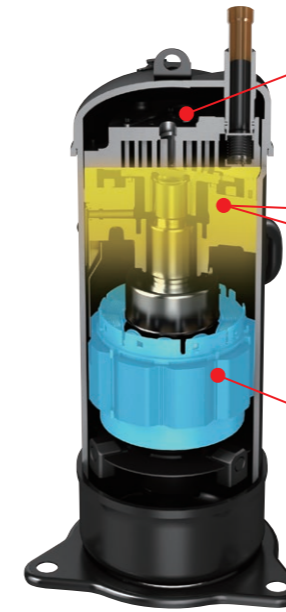
HOT : Brisbane, Darwin

AVERAGE : Adelaide, Perth, Sydney

COLD : Canberra, Hobart, Melbourne, New Zealand

Hardware technology High Efficiency Compressor

New technologies increase seasonal efficiency and enable a compact design.



Improvement of the discharge port

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

Optimising the back pressure control

New oil control function

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

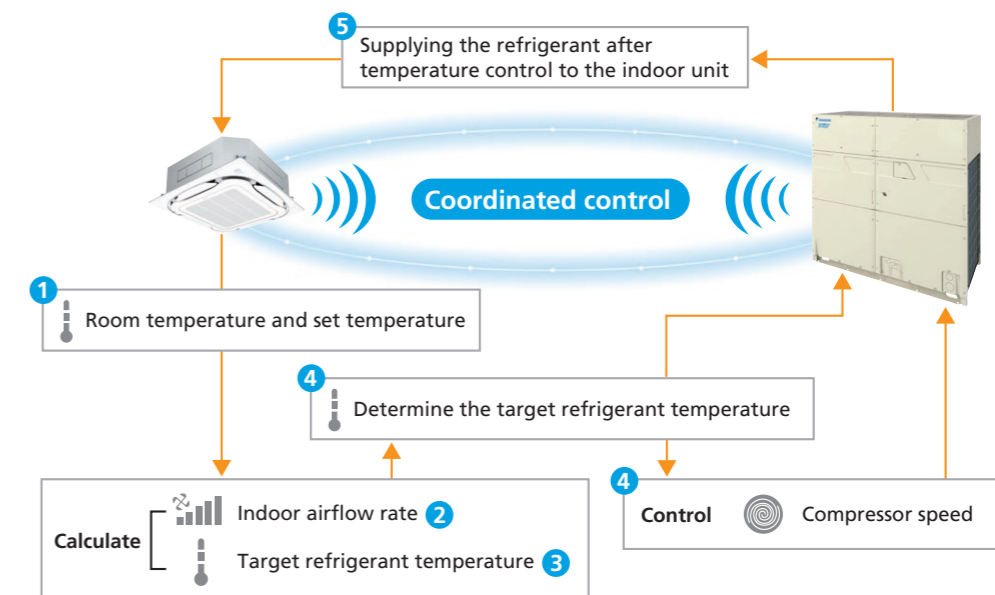
Adoption of a high-performance concentrated motor

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

Software technology VRT Smart control

Fully Automatic Energy-saving Refrigerant Control

Optimal supply exactly meets the required capacity of indoor units



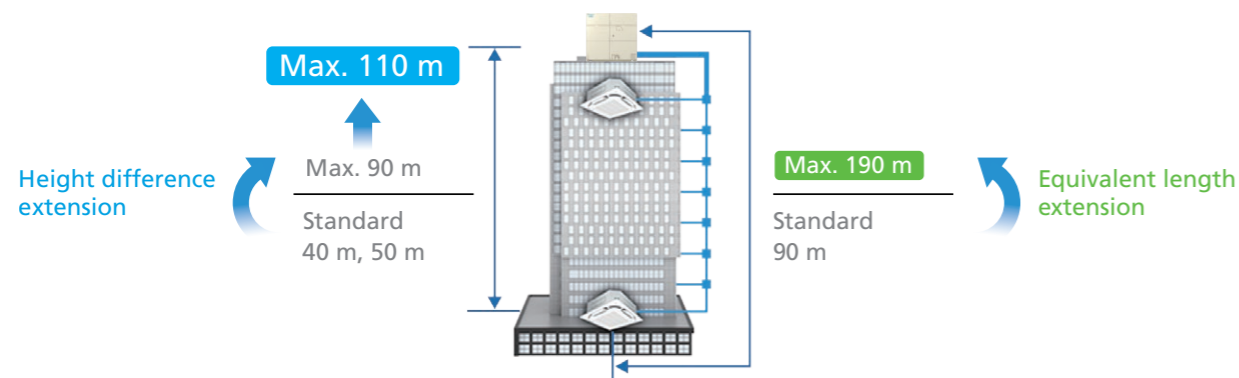
- Indoor unit will calculate capacity needed based on ΔT (Room temperature vs set temperature) and room temperature trend.
- Indoor unit will try to regulate with fan speed control.
- If fan cannot control speed, indoor unit request T_e change from outdoor unit.
- Outdoor unit determines the refrigerant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

Design Flexibility



Simultaneous extension of height difference and equivalent length

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



Height difference extension Max. 110 m

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

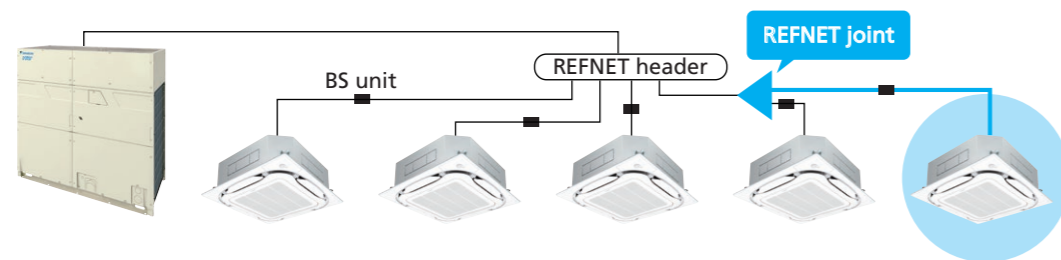
Equivalent length extension Max. 190 m

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

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

REFNET header downstream branching supported

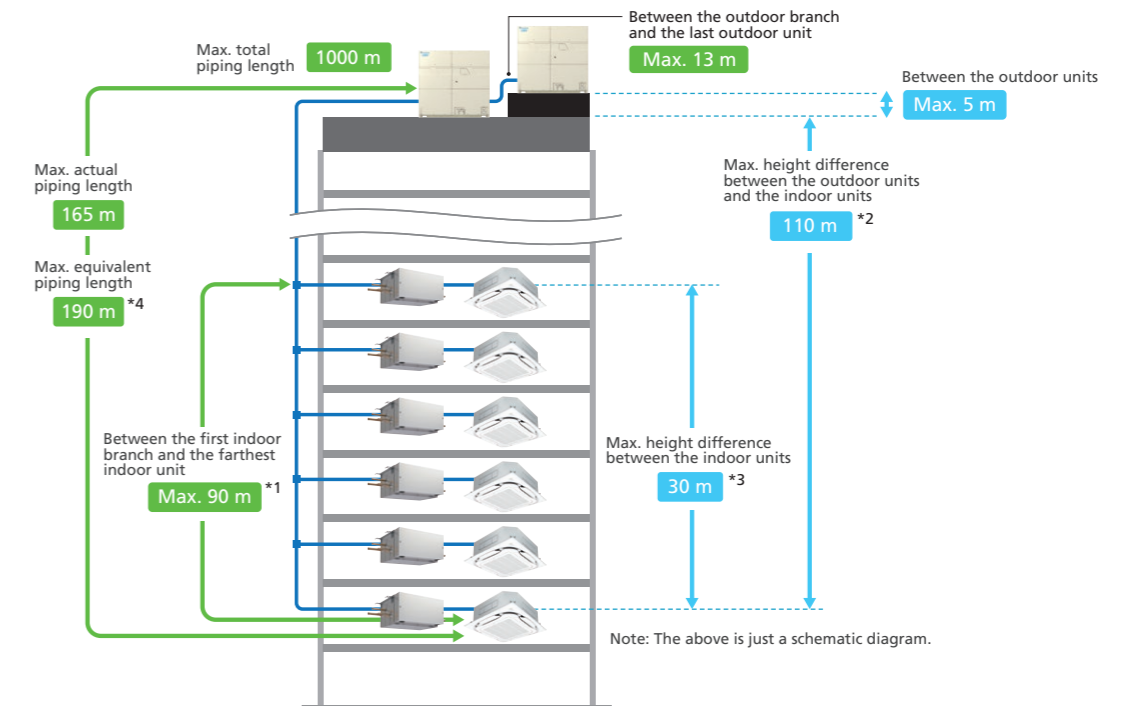
Piping branch by REFNET joint is possible downstream of REFNET header. The indoor unit arrangement can be more flexible.



| REFNET header | | Indoor unit total capacity at REFNET joint |
|---|---------------------------------------|--|
| 3 pipes | 2 pipes | |
| KHRP25M33H, KHRP25M72H + KHRP25M72TP | KHRP26M22H, KHRP26M33H, KHRP26M72H | < 50 |
| KHRP25M73H + KHRP25M73TP | KHRP26M73H + KHRP26M73HP | ≤ 140 |

Long piping length

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



| | | |
|-------------------------------------|---|-----------------------------|
| Maximum allowable piping length | Actual piping length (Equivalent) | 165 m (190 m) ^{*4} |
| | Total piping length | 1000 m |
| | Between the first indoor branch and the farthest indoor unit | 90 m ^{*1} |
| | Between the outdoor branch and the last outdoor unit (Equivalent) | 10 m (13 m) |
| Maximum allowable height difference | Between the outdoor units (Multiple use) | 5 m |
| | Between the indoor units | 30 m ^{*3} |
| | Between the outdoor units and the indoor units | 110 m ^{*2} |

*1. No special requirements up to 40 m. The maximum actual piping length can be 90 m, depending on conditions. Various conditions and requirements have to be met to allow utilisation of 90 m piping length. Be sure to refer to the Engineering Data Book for details of these conditions and requirements.
 *2. When Height differences above 50 m if the outdoor unit is above the indoor unit and 40 m if the outdoor unit is below the indoor unit, a dedicated setting on the outdoor unit is required. Refer to the Engineering Data Book and contact your local dealer for more information.
 *3. When Height differences are 15 m or more, maximum actual piping length must be 120 m.
 *4. In the case where the equivalent piping length from outdoor unit to indoor unit ≥ 90 m, make sure to up size the liquid pipe of the main pipe. Do not up size the high/low pressure gas pipe and the suction gas pipe.

Connection ratio

Connection capacity at maximum is 200%.

Connection ratio
50%–200%

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

Conditions of VRF indoor unit connection capacity

| Applicable VRF indoor units | Indoor units | | | | Other VRF indoor unit models ^{*1} |
|-----------------------------|--------------|------|---------|------|--|
| | FXDQ | FXSQ | FXMQ-PA | FXAQ | |
| Single outdoor units | 200% | | | | 200% |
| Double outdoor units | | | | | 180% |
| Triple outdoor units | | | | | 160% |
| | | | | | 130% |

*1 For the FXF(S)(T)(R)Q25 models, maximum connection ratio is 130 % for the entire range of outdoor units.
 Note: If the operational capacity of indoor units is more than 130%, low airflow operation is enforced in all the indoor units.
 *Refer to page 25 for outdoor unit combination details.

Easy Installation

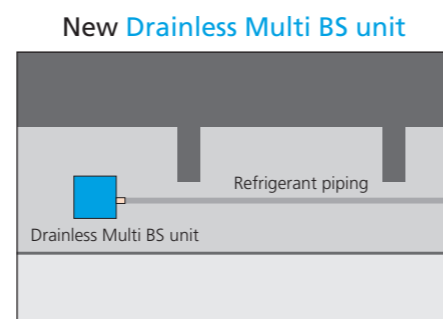
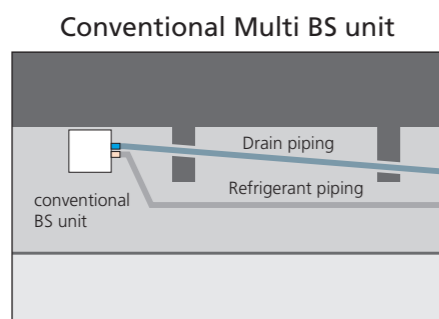
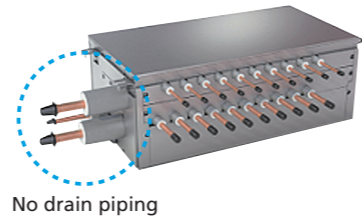


■ Drainless Multi BS unit

Drainless function enables a drastic reduction of on-site work since no drain piping is required.

- Abundant lineup includes port counts of 4, 6, 8, 10, 12, and 16. *
- Drain is eliminated with the use of foam insulation inside the casing. On-site work has significantly been reduced for lower installation costs.

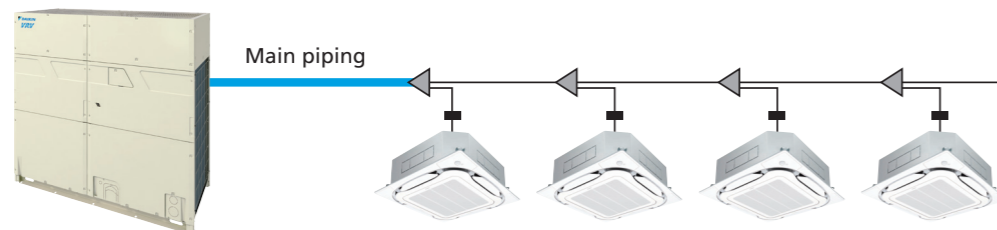
*Drainless function is available up to 12-port unit. The 16-port unit requires drain piping.



Since no drain piping is required, it can be installed flexibly, and installation costs can be significantly reduced.

■ Slimmer main piping

For 8-20 class (HP) single models, it is possible to reduce the size of the main pipe to reduce the construction cost.



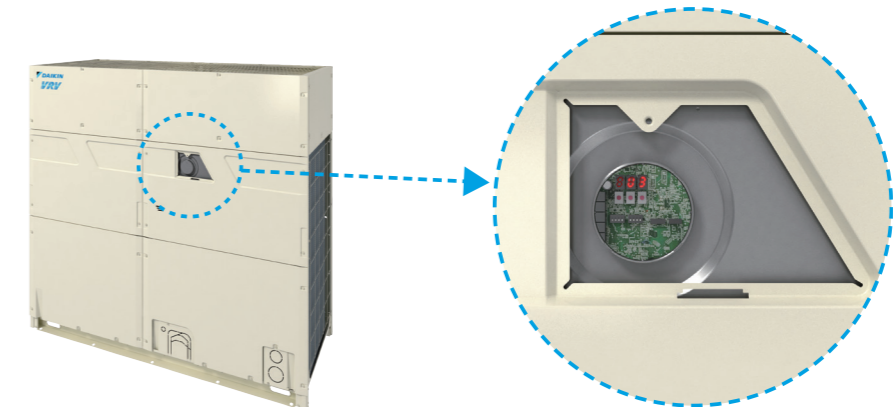
Slimmer high/low pressure gas piping and suction gas piping can be achieved as shown in the table below. *1

| class (HP) | Liquid piping | High/low pressure gas piping | | Suction gas piping | |
|------------|---------------|------------------------------|--------------|--------------------|--------------|
| | Standard only | Standard | Reduced size | Standard | Reduced size |
| 8 | 9.5 | 15.9 | 15.9 | 19.1 | 12.7 |
| 10 | | 19.1 | 19.1 | 22.2 | 15.9 |
| 12 | 22.2 | | | 19.1 | |
| 14 | | 22.2 | 22.2 | | 28.6 |
| 16 | 28.6 | | | 28.6 | |
| 18 | | 28.6 | 28.6 | | 34.9 |
| 20 | 28.6 | | | 28.6 | |
| 22 | | 28.6 | 28.6 | | 34.9 |
| 24 | 28.6 | | | 28.6 | |

*1 There are the following restrictions.
 • The size of the pipe downstream from the main pipe must not be larger than that of the main pipe.
 • The total rated heating capacity of the indoor units shall not exceed the cooling capacity of the outdoor unit.
 • Maximum equivalent piping length : 70 m
 • In this case, a dedicated correction table is required for the capacity correction by piping length. Please contact local Daikin for details.

■ Electrical component service window

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



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

■ Improved refrigerant piping workability

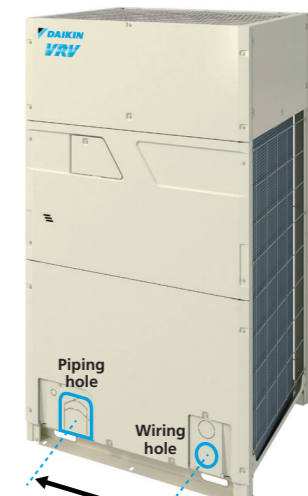
By dividing piping and wiring holes to the left and right, piping and wiring work can be easily performed on site.

Conventional models



Working in close placed is difficult

VRV R

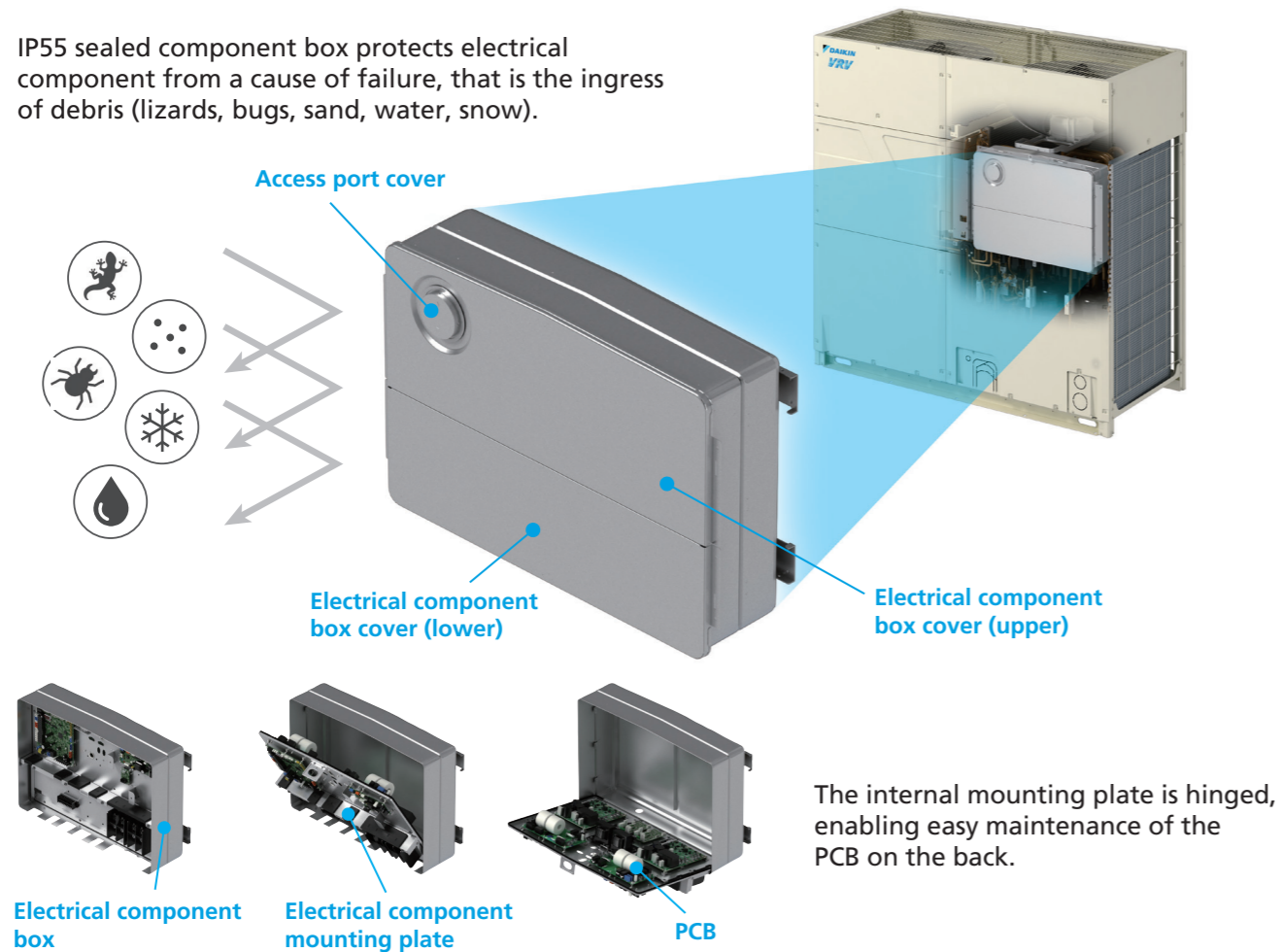


Work becomes easier with sufficient space



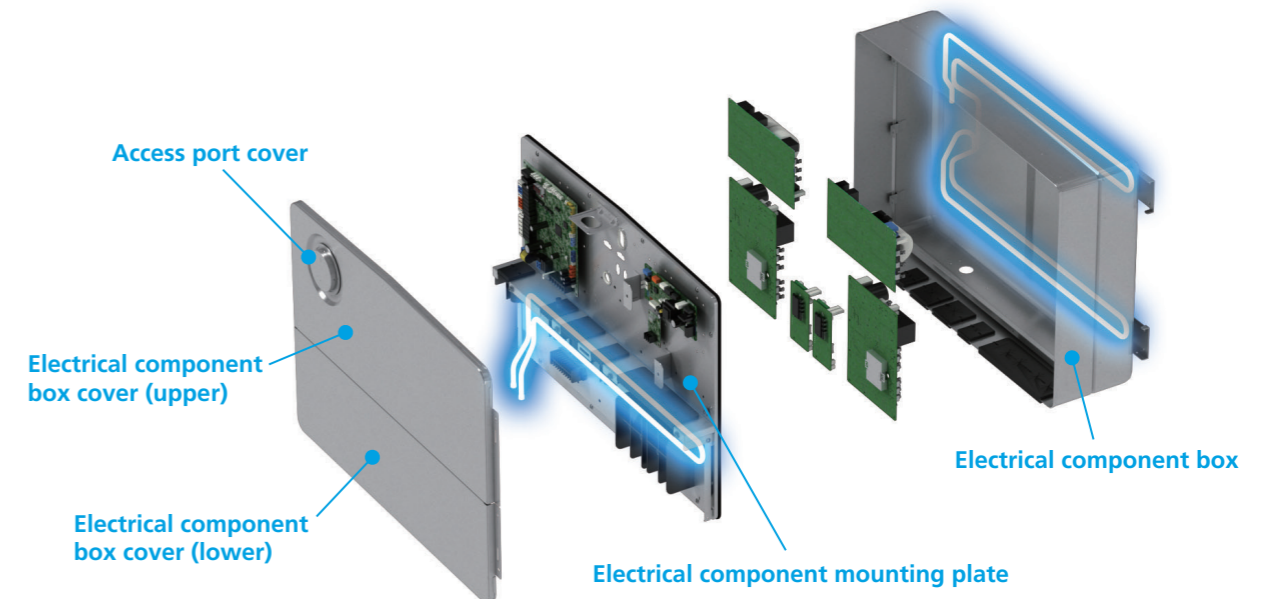
■ IP55-compliant sealed component box

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



■ Enables operation in high outdoor temperature

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



What is IP55?

IP55 is the degrees of dust and water protection for the electrical component box equipped on the product.

IP55

Liquid ingress protection **Grade 5**

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

Solid particle protection **Grade 5**

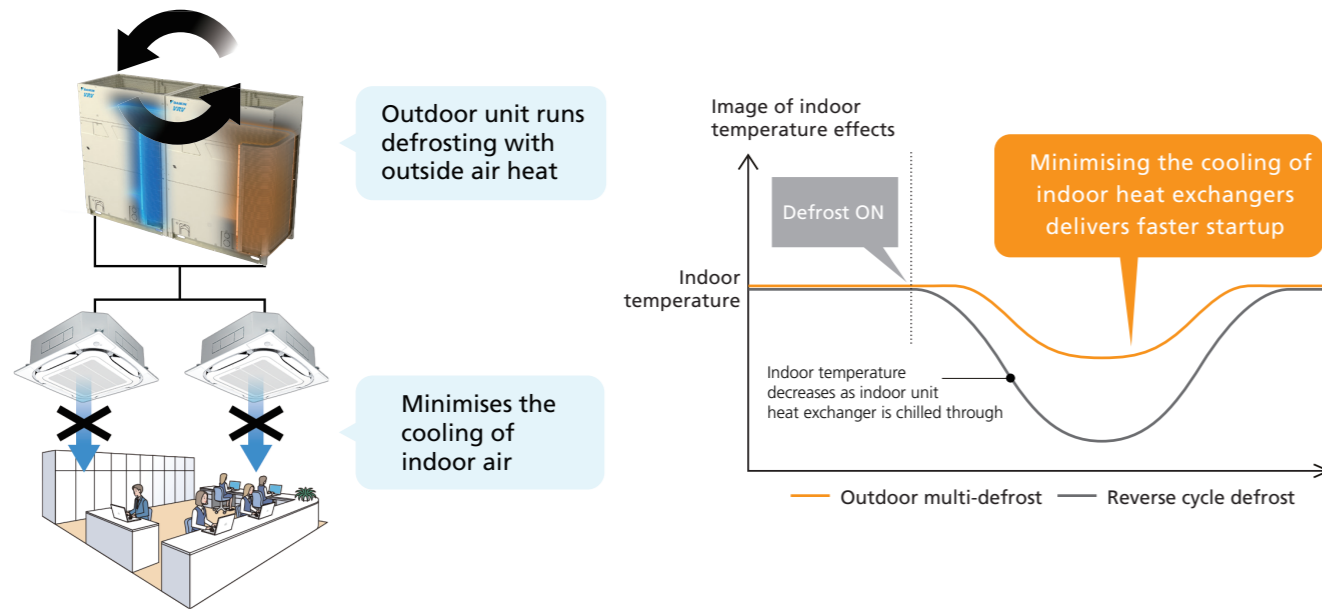
Ingress of dust is not entirely prevented, but it must not enter in sufficient quantity to interfere with the satisfactory operation of the equipment.

Ingress Protection

*IP55 is the protection degree of the wiring box as a single unit. The protection grade of outdoor unit is IP14 as well as conventional model.



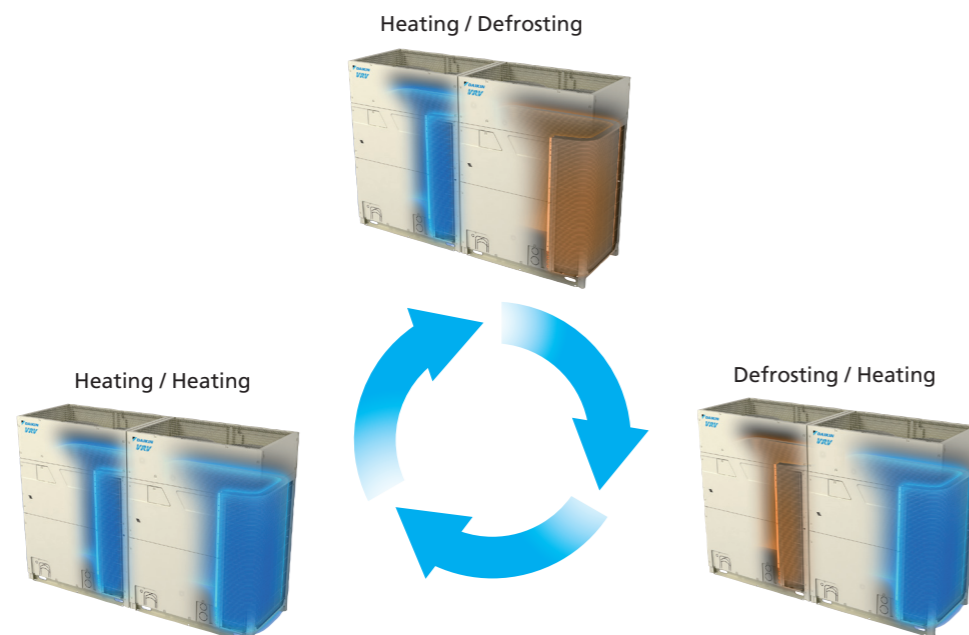
Outdoor unit multi-defrost function



Improves comfort of defrosting operation

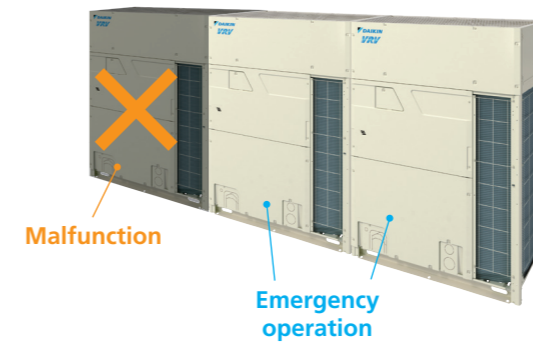
Defrosting in conventional models temporarily reverses the refrigerant cycle to use indoor heat to melt the frost, thus causing the indoor temperature to fall (reverse cycle defrost). The "outdoor multi-defrost function" enables large-capacity casing models of 22 and 24 class (HP) and multi outdoor units to use outdoor heat for heat exchange and interchange defrost operation while minimising indoor heat absorption and decreases in indoor temperature.

*Reverse cycle defrost may also take place to protect the product.

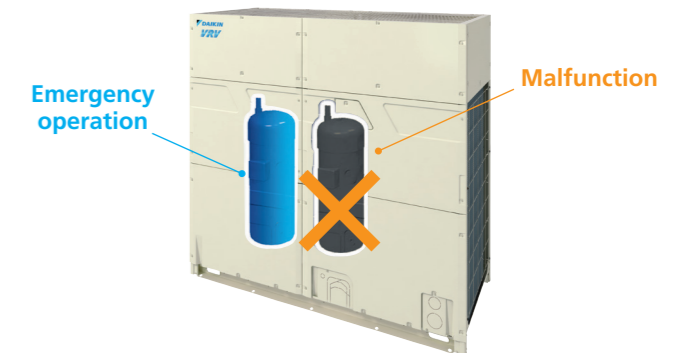


Double backup operation functions

Unit backup operation function

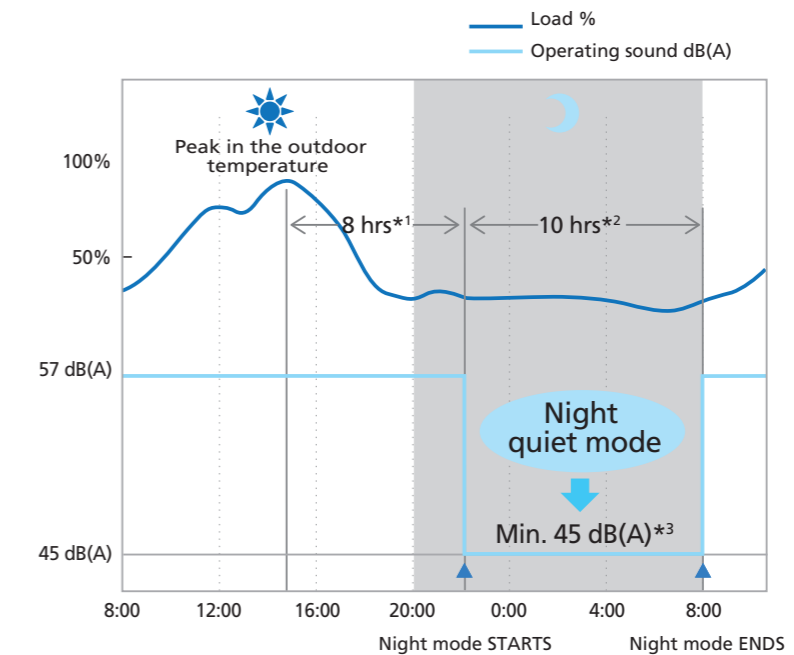


Compressor backup operation function



Nighttime quiet operation function

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



*1. Initial setting is 8 hours. Can be selected from 6, 8 and 10 hours.

*2. Initial setting is 9 hours. Can be selected from 8, 9 and 10 hours.

*3. In case of 10 class outdoor unit.

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

BS Unit Lineup

Single and multi BS unit allow greater design flexibility.

Multi BS unit



Drainless Type

BS4Q14BVM (4-branch)
BS6Q14BVM (6-branch)
BS8Q14BVM (8-branch)
BS10Q14BVM (10-branch)
BS12Q14BVM (12-branch)

Standard Type

BS16Q14AVM (16-branch)

■ No need for drain piping (Drainless type only)

- Easy installation
- Less risk of water leakage

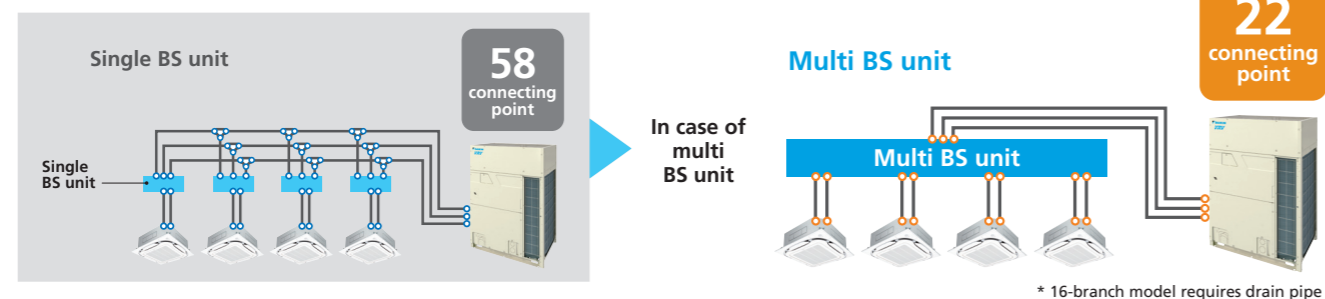
■ Wide range lineup

- Max. 16 branches with a single unit up to 30 class

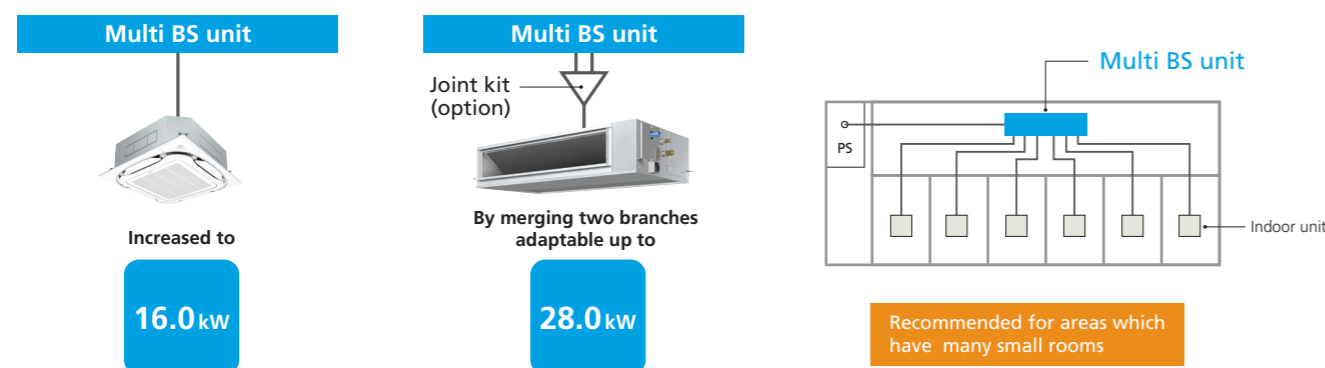
■ Individual control and cooling/heating changeover for each branch

■ Installation cost reduction by reduction of brazing points.

Multi BS units significantly reduce installation work and construction costs.



Greater design flexibility achieved by increasing the connection capacity range



Lower transient sound

New BS units achieve lower transient sound level.

| Maximum transient sound | Multi BS unit | | | | | | Single BS unit | | |
|-------------------------|---------------|----------|----------|-----------|-----------|-----------|----------------|----------|----------|
| | 4 branch | 6 branch | 8 branch | 10 branch | 12 branch | 16 branch | 100 type | 160 type | 250 type |
| Sound level (dB(A))* | 45 | 47 | 47 | 48 | 48 | 49 | 40 | 45 | 45 |

*Anechoic chamber conversion value, measured at a point 1 m downward from the unit centre.

Single BS unit



Drainless Type

BSQ100AVE
BSQ160AVE
BSQ250AVE

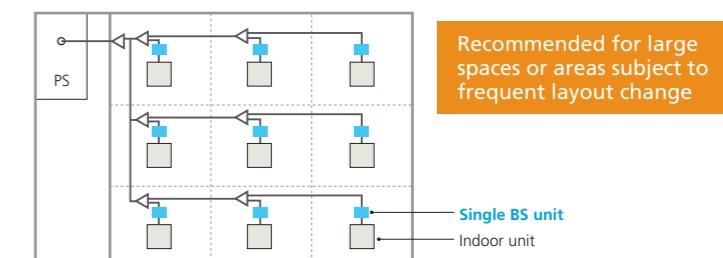
■ No need for drain piping

- Easy installation
- Less risk of water leakage

■ Compact and flexible installation





■ Flexible design

■ Low noise



Specifications for branch

Multi BS unit

| MODEL |  |  | |  |  | |
|--|---|---|-----------|---|---|------------|
| | BS4Q14BVM | BS6Q14BVM | BS8Q14BVM | BS10Q14BVM | BS12Q14BVM | BS16Q14AVM |
| No. of branches | 4 | 6 | 8 | 10 | 12 | 16 |
| Capacity index of indoor units of branch | Max. 140 | | | | | |
| Capacity index of indoor units | Max. 400 | Max. 600 | Max. 750 | | | |
| No. of indoor units per branch | 5 | | | | | |

Single BS unit

| MODEL | | | |
|--|-----------|-------------------------------|-------------------------------|
| No. of branches | 1 | | |
| Total capacity index of connectable indoor units | 20 to 100 | More than 100 but 160 or less | More than 160 but 250 or less |
| No. of connectable indoor units | Max. 5 | Max. 8 | |

Outdoor Unit Lineup

Capacity range from 8 to 60 class (HP)

Lineup

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




























Outdoor unit combinations

| class (HP) | kW | Capacity index | Model name | Combination | Outdoor unit multi connection piping kit*1 | Total capacity index of connectable indoor units*2 | Maximum number of connectable indoor units*2 |
|------------|------|----------------|------------|-----------------------------|--|--|--|
| 8 | 22.4 | 200 | REYQ8B | REYQ8B | — | 100 to 260 (400) | 13 (20) |
| 10 | 28.0 | 250 | REYQ10B | REYQ10B | — | 125 to 325 (500) | 16 (25) |
| 12 | 33.5 | 300 | REYQ12B | REYQ12B | — | 150 to 390 (600) | 19 (30) |
| 14 | 40.0 | 350 | REYQ14B | REYQ14B | — | 175 to 455 (700) | 22 (35) |
| 16 | 45.0 | 400 | REYQ16B | REYQ16B | — | 200 to 520 (800) | 26 (40) |
| 18 | 50.0 | 450 | REYQ18B | REYQ18B | — | 225 to 585 (900) | 29 (45) |
| 20 | 56.0 | 500 | REYQ20B | REYQ20B | — | 250 to 650 (1,000) | 32 (50) |
| 22 | 61.5 | 550 | REYQ22B | REYQ22B | — | 275 to 715 (990) | 35 (49) |
| 24 | 67.0 | 600 | REYQ24B | REYQ24B | — | 300 to 780 (1,080) | 39 (54) |
| 26 | 73.5 | 650 | REYQ26B | REYQ12B + REYQ14B | BHFP26R135 | 325 to 845 (1,040) | 42 (52) |
| 28 | 78.5 | 700 | REYQ28B | REYQ12B + REYQ16B | | 350 to 910 (1,120) | 45 (56) |
| 30 | 83.5 | 750 | REYQ30B | REYQ12B + REYQ18B | | 375 to 975 (1,200) | 48 (60) |
| 32 | 89.5 | 800 | REYQ32B | REYQ12B + REYQ20B | | 400 to 1,040 (1,280) | 52 (64) |
| 34 | 96.0 | 850 | REYQ34B | REYQ14B + REYQ20B | | 425 to 1,105 (1,360) | 55 (64) |
| 36 | 101 | 900 | REYQ36B | REYQ16B + REYQ20B | | 450 to 1,170 (1,440) | 58 (64) |
| 38 | 106 | 950 | REYQ38B | REYQ18B + REYQ20B | | 475 to 1,235 (1,520) | 61 (64) |
| 40 | 112 | 1,000 | REYQ40B | REYQ20B × 2 | | 500 to 1,300 (1,600) | 64 (64) |
| 42 | 117 | 1,050 | REYQ42B | REYQ18B + REYQ24B | | 525 to 1,365 (1,680) | |
| 44 | 123 | 1,100 | REYQ44B | REYQ20B + REYQ24B | | 550 to 1,430 (1,760) | |
| 46 | 129 | 1,150 | REYQ46B | REYQ22B + REYQ24B | BHFP26R168 | 575 to 1,495 (1,840) | |
| 48 | 134 | 1,200 | REYQ48B | REYQ24B × 2 | | 600 to 1,560 (1,920) | |
| 50 | 140 | 1,250 | REYQ50B | REYQ12B + REYQ18B + REYQ20B | | 625 to 1,625 (1,625) | |
| 52 | 146 | 1,300 | REYQ52B | REYQ12B + REYQ20B × 2 | | 650 to 1,690 (1,690) | |
| 54 | 152 | 1,350 | REYQ54B | REYQ14B + REYQ20B × 2 | | 675 to 1,755 (1,755) | |
| 56 | 157 | 1,400 | REYQ56B | REYQ16B + REYQ20B × 2 | | 700 to 1,820 (1,820) | |
| 58 | 162 | 1,450 | REYQ58B | REYQ18B + REYQ20B × 2 | | 725 to 1,885 (1,885) | |
| 60 | 168 | 1,500 | REYQ60B | REYQ20B × 3 | | 750 to 1,950 (1,950) | |

Notes: *1. For multiple connection of 26 class systems and above, the outdoor unit multi connection piping kit (separately sold) is required.
*2. Values inside brackets are based on connection of indoor units rated at maximum capacity, 200% for REYQ8-20BYM9, 180% for REYQ22/24BYM9, 160% for double outdoor units, and 130% for triple outdoor units. Refer to page 14 for note on connection capacity of indoor units.

Indoor Unit Lineup

Enhanced range of choices

| | | | New lineup | | | | | | | | | | Indoor units subject to VRT smart control | | | | | | | | | |
|--------------------------------------|---|----------------|---|----------------------------|-----|-------|-----|-----|------|----|------|-----|---|------|-----|-----|------|-----|-----|---|--|--|
| Category | Type | Model Name | Capacity Range(kW) | | | | | | | | | | | | | | | | | | | |
| | | | 20 | 25 | 32 | 40 | 50 | 63 | 71 | 80 | 100 | 125 | 140 | 145 | 160 | 180 | 200 | 250 | | | | |
| | | | 2.2 | 2.8 | 3.6 | 4.5 | 5.6 | 7.1 | 8 | 9 | 11.2 | 14 | 16 | 16.2 | 18 | 20 | 22.4 | 28 | | | | |
| | | | Capacity Index | 20 | 25 | 31.25 | 40 | 50 | 62.5 | 71 | 80 | 100 | 125 | 140 | 145 | 160 | 180 | 200 | 250 | | | |
| Ceiling Mounted Cassette | Round Flow Cassette with Sensing and Streamer | FXFTQ-AVM |  | | ● | ● | ● | ● | ● | | | ● | ● | ● | ● | | | | | | | |
| | Round Flow Cassette with Streamer | FXFRQ-AVM*1, 2 |  | | ● | ● | ● | ● | ● | | | ● | ● | ● | ● | | | | | | | |
| | Round Flow Cassette with Sensing | FXFSQ-AVM |  | | ● | ● | ● | ● | ● | | | ● | ● | ● | ● | | | | | | | |
| | Round Flow Cassette | FXFQ-AVM*1 |  | | ● | ● | ● | ● | ● | | | ● | ● | ● | ● | | | | | | | |
| | Compact Multi Flow Cassette | New FXZQ-BVM |  | ● | ● | ● | ● | ● | ● | | | | | | | | | | | | | |
| | Double Flow Cassette | New FXCQ-BVM |  | ● | ● | ● | ● | ● | ● | | | ● | | ● | | | | | | | | |
| | Single Flow Cassette | FXEQ-AV36 |  | ● | ● | ● | ● | ● | ● | | | | | | | | | | | | | |
| Ceiling Concealed Duct | Slim Duct (Standard) | FXDQ-PDVE |  | ● | ● | ● | | | | | | | | | | | | | | | | |
| | | FXDQ-NDVE |  | | | | | ● | ● | ● | | | | | | | | | | | | |
| | Slim Duct (Compact) | FXDQ-TV1C(A) |  | ● | ● | ● | ● | ● | ● | | | | | | | | | | | | | |
| | | FXDQ-SPV1*2 |  | ● | ● | ● | ● | ● | ● | | | | | | | | | | | | | |
| | Middle Static Pressure Duct | FXSQ-PAVE |  | ● | ● | ● | ● | ● | ● | | | ● | ● | ● | ● | | | | | | | |
| | | FXDYQ-MAV1 |  | | | | | | | | | ● | ● | ● | | ● | | | | | | |
| | Middle-High Static Pressure Duct | FXMQ-PAVE |  | ● | ● | ● | ● | ● | ● | | | ● | ● | ● | ● | | | | | | | |
| | High Static Pressure Duct | FXMQ-PV1A |  | | | | | | | | | | | | | | ● | ● | ● | ● | | |
| | Outdoor-Air Processing Unit | FXMQ-MFV1*1 |  | | | | | | | | | | ● | | | | | | ● | ● | | |
| | | FXMQ-AFVM |  | | | | | | | | | | ● | | | ● | | | ● | ● | | |
| Ceiling Suspended | 4-Way Flow Ceiling Suspended | FXUQ-AVEB |  | | | | | | | | ● | | ● | | | | | | | | | |
| | Ceiling Suspended | FXHQ-MAVE |  | | | ● | | ● | ● | | | ● | ● | | | | | | | | | |
| | | New FXHQ-BVM |  | | | | | | | | | | | ● | ● | | | | | | | |
| Wall Mounted | | FXAQ-AVM |  | ● | ● | ● | ● | ● | ● | | | | | | | | | | | | | |
| Floor Standing | Floor Standing | FXLQ-MAVE |  | ● | ● | ● | ● | ● | ● | | | | | | | | | | | | | |
| | Concealed Floor Standing | FXNQ-MAVE*1 |  | ● | ● | ● | ● | ● | ● | | | | | | | | | | | | | |
| | Concealed Floor Standing (Duct Connection) | FXNQ-A2VEB*2 |  | ● | ● | ● | ● | ● | ● | | | | | | | | | | | | | |
| Heat Reclaim Ventilator with DX-Coil | | VKM-GCVE*2 |  | Airflow rate 500-950 m³/h | | | | | | | | | | | | | | | | | | |
| Heat Reclaim Ventilator | | VAM-HVE |  | Airflow rate 150-2000 m³/h | | | | | | | | | | | | | | | | | | |
| Air Handling Unit | | AHUR |  | 8-60 class | | | | | | | | | | | | | | | | | | |

Notes:
1. For indoor units without 'VRT Smart', the standard 'VRT' control is available (excludes Heat Reclaim Ventilators & Outdoor-Air Processing Unit FXMQ-MF series).
2. *1: Not available for New Zealand
*2: Not available for Australia

Outdoor Unit Specifications

Specifications

★ Values based on GEMS determination 2019.



TCSPF: Total Cooling Seasonal Performance Factor
HSPF: Heating Seasonal Performance Factor




In simple terms, TCSPF & HSPF represents the ratio of the Total Cooling & Heating capacity of the air-conditioner relative to the Total energy consumed by the air-conditioner during the Total Cooling & Heating operation periods in a year.
Whereas the previous index of AEER & ACOP was calculated using only one representative outdoor temperature (35°C for cooling and 7°C for heating), the new index of TCSPF & HSPF uses a broader range of annual outdoor temperatures* as stipulated in AS/NZS 3823.4.1:2014.

Further, the annual outdoor temperatures are based on zoning Australia/ New Zealand into three distinct climate zones (Hot/Average/Cold). This allows you to determine the performance efficiency of different air-conditioners by comparing their TCSPF & HSPF within the same climate zone.

* There are two kinds of annual outdoor temperatures and it's different for residential and commercial use.

Heat Recovery

| | | |  | | | | | | |  | | | | | | | | |
|--------------------------|---------------------------|----|--|------------------|------------------|------------------|------------------|-------------|------------------|---|--|------------------|------------------|-------------------------------------|------------------|------------------|---------------------------------------|------------------|
| Model | | | REYQ8BYM9 | REYQ10BYM9 | REYQ12BYM9 | REYQ14BYM9 | REYQ16BYM9 | REYQ18BYM9 | REYQ20BYM9 | | REYQ22BYM9 | REYQ24BYM9 | REYQ26BYM9 | REYQ28BYM9 | REYQ30BYM9 | REYQ32BYM9 | REYQ34BYM9 | |
| Combination units | | | — | — | — | — | — | — | — | | — | — | REYQ12BYM9 | REYQ12BYM9 | REYQ12BYM9 | REYQ12BYM9 | REYQ14BYM9 | |
| | | | — | — | — | — | — | — | — | | — | — | REYQ14BYM9 | REYQ16BYM9 | REYQ18BYM9 | REYQ20BYM9 | REYQ20BYM9 | |
| Power supply | | | 3-phase 4-wire system, 380-415 V/380 V, 50/60 Hz | | | | | | | | 3-phase 4-wire system, 380-415 V/380 V, 50/60 Hz | | | | | | | |
| Cooling capacity | Btu/h | | 76,400 | 95,500 | 114,000 | 136,000 | 154,000 | 171,000 | 191,000 | | 210,000 | 229,000 | 251,000 | 268,000 | 285,000 | 305,000 | 328,000 | |
| | kW | | 22.4 | 28.0 | 33.5 | 40.0 | 45.0 | 50.0 | 56.0 | | 61.5 | 67.0 | 73.5 | 78.5 | 83.5 | 89.5 | 96.0 | |
| Heating capacity | Btu/h | | 85,300 | 107,000 | 128,000 | 154,000 | 171,000 | 191,000 | 215,000 | | 235,000 | 256,000 | 282,000 | 299,000 | 319,000 | 345,000 | 369,000 | |
| | kW | | 25.0 | 31.5 | 37.5 | 45.0 | 50.0 | 56.0 | 63.0 | | 69.0 | 75.0 | 82.5 | 87.5 | 93.5 | 101 | 108 | |
| Power consumption | Cooling | kW | 5.17 | 6.80 | 8.71 | 11.2 | 12.9 | 14.4 | 17.5 | | 18.6 | 21.3 | 19.9 | 21.6 | 23.1 | 26.2 | 28.7 | |
| | Heating | kW | 5.68 | 7.29 | 9.81 | 12.8 | 13.6 | 14.5 | 17.2 | | 19.6 | 22.2 | 22.6 | 23.4 | 24.3 | 27.3 | 30.0 | |
| Capacity control | | | % | 11-100 | 7-100 | 6-100 | 5-100 | | 4-100 | | 3-100 | | 2-100 | | | | | |
| AEER* | Cooling | | 4.00 | 3.83 | 3.61 | 3.34 | 3.28 | 3.27 | 3.03 | | 3.12 | 2.98 | 3.45 | 3.40 | 3.39 | 3.22 | 3.15 | |
| ACOP* | Heating | | 4.09 | 4.04 | 3.61 | 3.32 | 3.46 | 3.63 | 3.47 | | 3.33 | 3.21 | 3.44 | 3.54 | 3.65 | 3.52 | 3.42 | |
| TCSPF* (Cooling) | Hot | | 6.42 / 5.57 | 5.93 / 5.27 | 5.64 / 5.02 | 5.64 / 4.96 | 5.15 / 4.58 | 5.09 / 4.53 | 4.99 / 4.43 | | 4.96 / 4.43 | 4.76 / 4.25 | 5.64 / 4.99 | 5.35 / 4.76 | 5.30 / 4.72 | 5.22 / 4.64 | 5.25 / 4.64 | |
| | Average | | 6.43 / 4.55 | 5.96 / 4.44 | 5.72 / 4.31 | 5.72 / 4.14 | 5.21 / 3.90 | 5.16 / 3.89 | 5.12 / 3.84 | | 5.08 / 3.86 | 4.90 / 3.74 | 5.73 / 4.22 | 5.42 / 4.07 | 5.38 / 4.05 | 5.34 / 4.01 | 5.36 / 3.96 | |
| Commercial / Residential | Cold | | 7.15 / 4.48 | 6.52 / 4.41 | 6.30 / 4.32 | 6.30 / 4.16 | 5.72 / 3.90 | 5.67 / 3.90 | 5.67 / 3.90 | | 5.62 / 3.90 | 5.43 / 3.80 | 6.31 / 4.23 | 5.96 / 4.07 | 5.91 / 4.06 | 5.90 / 4.05 | 5.93 / 4.00 | |
| | Hot | | 4.57 / 4.58 | 4.12 / 4.13 | 4.10 / 4.11 | 4.22 / 4.15 | 4.18 / 4.18 | 4.02 / 4.03 | 3.88 / 3.89 | | 4.01 / 3.93 | 3.96 / 3.88 | 4.17 / 4.17 | 4.16 / 4.16 | 4.06 / 4.07 | 3.97 / 3.98 | 4.02 / 3.96 | |
| Commercial / Residential | Average | | 4.30 / 4.15 | 3.87 / 3.78 | 3.54 / 3.10 | 3.32 / 2.80 | 3.52 / 3.01 | 3.44 / 2.98 | 3.03 / 2.86 | | 3.05 / 2.51 | 2.98 / 2.44 | 3.26 / 3.06 | 3.51 / 3.01 | 3.44 / 2.97 | 3.35 / 2.87 | 3.12 / 2.61 | |
| | Cold | | 3.80 / 3.53 | 3.47 / 3.23 | 2.89 / 2.57 | 2.76 / 2.36 | 2.81 / 2.46 | 2.78 / 2.45 | 2.67 / 2.35 | | 2.67 / 2.09 | 2.61 / 2.03 | 2.86 / 2.52 | 2.81 / 2.46 | 2.77 / 2.42 | 2.69 / 2.35 | 2.74 / 2.18 | |
| Casing colour | | | Ivory white (5Y7.5/1) | | | | | | | | Ivory white (5Y7.5/1) | | | | | | | |
| Compressor | Type | | Hermetically sealed scroll type | | | | | | | | Hermetically sealed scroll type | | | | | | | |
| | Motor output | | kW | 4.13 | 5.87 | 7.67 | 8.45 | 4.44+5.03 | 4.04+6.56 | 4.51+7.37 | | 7.06+7.37 | 7.80+8.11 | 7.67+8.45 | 7.67+(4.44+5.03) | 7.67+(4.04+6.56) | 7.67+(4.51+7.37) | 8.45+(4.51+7.37) |
| Airflow rate | | | ℓ/s | 2,583 | 2,812 | 3,015 | 4,327 | 4,428 | 4,293 | 5,095 | | 7,170 | | 3,015+4,327 | 3,015+4,428 | 3,015+4,293 | 3,015+5,095 | |
| | | | m³/min | 155 | 169 | 181 | 260 | 266 | 258 | 306 | | 430 | | 181+260 | 181+266 | 181+258 | 181+306 | |
| Dimensions (H×W×D) | | | mm | 1,660×930×765 | | | 1,660×1,240×765 | | | | 1,660×1,750×765 | | | (1,660×930×765) + (1,660×1,240×765) | | | (1,660×1,240×765) + (1,660×1,240×765) | |
| Machine weight | | | kg | 227 | 231 | 232 | 281 | 323 | 357 | | 409 | | 232+281 | 232+323 | 232+357 | 232+357 | 281+357 | |
| Sound level | | | dB(A) | 56 | 57 | 59 | 63 | 62 | 61 | 65 | | 67 | 68 | 64 | 63 | 66 | 67 | |
| Sound power | | | dB(A) | 80 | | | 83 | | | | 85 | | | 88 | | | 90 | |
| Operation range | Cooling | | -5 to 49 | | | | | | | | -5 to 49 | | | | | | | |
| | Heating | | -25 to 15.5 | | | | | | | | -25 to 15.5 | | | | | | | |
| Refrigerant | | | Type | R-410A | | | | | | | | R-410A | | | | | | |
| Piping connections | Charge | | kg | 10.6 | | 10.9 | 11.7 | | | | 11.7 | | 10.9+11.7 | | | 11.7+11.7 | | |
| | Liquid | mm | φ 9.5 (Brazing) | | | φ 12.7 (Brazing) | | | φ 15.9 (Brazing) | | | | φ 15.9 (Brazing) | | φ 19.1 (Brazing) | | | |
| | Gas | mm | φ 19.1 (Brazing) | | φ 22.2 (Brazing) | | φ 28.6 (Brazing) | | | φ 28.6 (Brazing) | | | φ 34.9 (Brazing) | | | | | |
| | High and low pressure gas | | mm | φ 15.9 (Brazing) | | φ 19.1 (Brazing) | | | φ 28.6 (Brazing) | | | φ 28.6 (Brazing) | | | | | | |

| | | |  | | | | | | |  | |  | | | | |
|--------------------------|---------------------------|---------------------------------|--|--------------------------|--------------------------|---------------------------------------|--------------------------|--------------------------|---------------------------------------|---|-------------------------------|---|--------------------------------------|--------------------------------------|--------------------------------------|------------|
| Model | | | REYQ36BYM9 | REYQ38BYM9 | REYQ40BYM9 | REYQ42BYM9 | REYQ44BYM9 | REYQ46BYM9 | REYQ48BYM9 | REYQ50BYM9 | REYQ52BYM9 | REYQ54BYM9 | REYQ56BYM9 | REYQ58BYM9 | REYQ60BYM9 | |
| Combination units | | | REYQ16BYM9 | REYQ18BYM9 | REYQ20BYM9 | REYQ18BYM9 | REYQ20BYM9 | REYQ22BYM9 | REYQ24BYM9 | REYQ12BYM9 | REYQ12BYM9 | REYQ14BYM9 | REYQ16BYM9 | REYQ18BYM9 | REYQ20BYM9 | |
| | | | REYQ20BYM9 | REYQ20BYM9 | — | — | — | — | — | — | REYQ18BYM9 | REYQ20BYM9 | REYQ20BYM9 | REYQ20BYM9 | REYQ20BYM9 | REYQ20BYM9 |
| | | | — | — | — | — | — | — | — | REYQ20BYM9 | REYQ20BYM9 | REYQ20BYM9 | REYQ20BYM9 | REYQ20BYM9 | REYQ20BYM9 | |
| Power supply | | | 3-phase 4-wire system, 380-415 V/380 V, 50/60 Hz | | | | | | | 3-phase 4-wire system, 380-415 V/380 V, 50/60 Hz | | | | | | |
| Cooling capacity | Btu/h | | 345,000 | 362,000 | 382,000 | 399,000 | 420,000 | 440,000 | 457,000 | 478,000 | 498,000 | 519,000 | 536,000 | 553,000 | 573,000 | |
| | kW | | 101 | 106 | 112 | 117 | 123 | 129 | 134 | 140 | 146 | 152 | 157 | 162 | 168 | |
| Heating capacity | Btu/h | | 386,000 | 406,000 | 430,000 | 447,000 | 471,000 | 491,000 | 512,000 | 536,000 | 560,000 | 583,000 | 601,000 | 621,000 | 645,000 | |
| | kW | | 113 | 119 | 126 | 131 | 138 | 144 | 150 | 157 | 164 | 171 | 176 | 182 | 189 | |
| Power consumption | Cooling | kW | 30.4 | 31.9 | 35.0 | 35.7 | 38.8 | 40.2 | 42.6 | 40.9 | 44.0 | 46.2 | 47.9 | 49.4 | 52.5 | |
| | Heating | kW | 30.8 | 31.7 | 34.4 | 36.7 | 39.4 | 41.8 | 44.4 | 41.8 | 44.5 | 47.2 | 48.0 | 48.9 | 51.6 | |
| Capacity control | | % | 2-100 | | | | | | | 2-100 | | | | | | |
| AEER* | Cooling | 3.13 | | 3.13 | | 3.03 | | 3.10 | | 3.04 | | 2.98 | | 3.03 | | |
| | Heating | 3.50 | | 3.58 | | 3.50 | | 3.42 | | 3.36 | | 3.31 | | 3.25 | | |
| TCSPF* (Cooling) | Hot | 5.06 / 4.50 | | 5.04 / 4.48 | | 4.99 / 4.43 | | 4.90 / 4.37 | | 4.87 / 4.34 | | 4.85 / 4.33 | | 4.77 / 4.26 | | |
| | Average | 5.17 / 3.87 | | 5.14 / 3.87 | | 5.13 / 3.84 | | 5.01 / 3.80 | | 5.00 / 3.79 | | 4.98 / 3.80 | | 4.90 / 3.74 | | |
| Commercial / Residential | Cold | 5.70 / 3.90 | | 5.68 / 3.90 | | 5.68 / 3.90 | | 5.53 / 3.84 | | 5.54 / 3.85 | | 5.52 / 3.85 | | 5.43 / 3.80 | | |
| | Hot | 4.02 / 4.02 | | 3.95 / 3.96 | | 3.89 / 3.90 | | 3.99 / 4.00 | | 3.93 / 3.93 | | 3.99 / 3.91 | | 3.97 / 3.89 | | |
| HSPF* (Heating) | Average | 3.09 / 2.90 | | 3.34 / 2.87 | | 2.99 / 2.81 | | 3.04 / 2.84 | | 2.99 / 2.79 | | 3.02 / 2.48 | | 2.99 / 2.45 | | |
| | Cold | 2.71 / 2.36 | | 2.68 / 2.34 | | 2.63 / 2.29 | | 2.67 / 2.31 | | 2.62 / 2.27 | | 2.64 / 2.06 | | 2.61 / 2.03 | | |
| Casing colour | | Ivory white (5Y7.5/1) | | | | | | | | | | | | | | |
| Compressor | Type | Hermetically sealed scroll type | | | | | | | | | | | | | | |
| | Motor output | kW | (4.44+5.03)+ (4.51+7.37) | (4.04+6.56)+ (4.51+7.37) | (4.51+7.37)+ (4.51+7.37) | (4.04+6.56)+ (7.80+8.11) | (4.51+7.37)+ (7.80+8.11) | (7.06+7.37)+ (7.80+8.11) | (7.80+8.11)+ (7.80+8.11) | 7.67+(4.04+6.56)+ (4.51+7.37) | 7.67+(4.51+7.37)+ (4.51+7.37) | 8.45+(4.51+7.37)+ (4.51+7.37) | (4.44+5.03)+(4.51+7.37)+ (4.51+7.37) | (4.04+6.56)+(4.51+7.37)+ (4.51+7.37) | (4.51+7.37)+(4.51+7.37)+ (4.51+7.37) | |
| Airflow rate | ℓ/s | | 4,428+5,095 | 4,293+5,095 | 5,095+5,095 | 4,293+7,170 | 5,095+7,170 | 7,170+7,170 | | 3,015+4,293+5,095 | 3,015+5,095+5,095 | 4,327+5,095+5,095 | 4,428+5,095+5,095 | 4,293+5,095+5,095 | 5,095+5,095+5,095 | |
| | m³/min | | 266+306 | 258+306 | 306+306 | 258+430 | 306+430 | 430+430 | | 181+258+306 | 181+306+306 | 260+306+306 | 266+306+306 | 258+306+306 | 306+306+306 | |
| Dimensions (HxWxD) | | mm | (1,660×1,240×765) + (1,660×1,240×765) | | | (1,660×1,240×765) + (1,660×1,750×765) | | | (1,660×1,750×765) + (1,660×1,750×765) | | | (1,660×930×765) + (1,660×1,240×765) + (1,660×1,240×765) | | | | |
| Machine weight | | kg | 323+357 | | 357+357 | | 357+409 | | 409+409 | | 232+357+357 | | 281+357+357 | | 323+357+357 | |
| Sound level | | dB(A) | 67 | | 66 | | 68 | | 69 | | 70 | | 71 | | 70 | |
| Sound power | | dB(A) | 90 | | 90 | | 92 | | 91 | | 93 | | 91 | | 94 | |
| Operation range | Cooling | °CDB | -5 to 49 | | | | | | | -5 to 49 | | | | | | |
| | Heating | °CWB | -25 to 15.5 | | | | | | | -25 to 15.5 | | | | | | |
| Refrigerant | Type | R-410A | | | | | | | | | | | | | | |
| | Charge | kg | 11.7+11.7 | | | | | | | 10.9+11.7+11.7 | | 11.7+11.7+11.7 | | | | |
| Piping connections | Liquid | mm | φ 19.1 (Brazing) | | | | | | | φ 19.1 (Brazing) | | φ 19.1 (Brazing) | | | | |
| | Gas | mm | φ 41.3 (Brazing) | | | | | | | φ 41.3 (Brazing) | | φ 41.3 (Brazing) | | | | |
| | High and low pressure gas | mm | φ 34.9 (Brazing) | | | | | | | φ 34.9 (Brazing) | | φ 34.9 (Brazing) | | | | |
| | | | mm | φ 28.6 (Brazing) | | | | | | | | | | | | |

Option List

Outdoor units

| No. | Type | | | Item | REYQ8B REYQ10B REYQ12B REYQ14B REYQ16B | REYQ18B REYQ20B REYQ22B REYQ24B | REYQ26B REYQ28B REYQ30B REYQ32B REYQ34B REYQ36B | REYQ38B REYQ40B REYQ42B REYQ44B REYQ46B REYQ48B | REYQ50B REYQ52B REYQ54B | REYQ56B REYQ58B REYQ60B |
|-----|--|---------|-------------------|--|--|--|--|--|-------------------------------|-------------------------------|
| | | | | | | | | | | |
| 1 | Distributive piping*1 | 3 Pipes | REFNET header | KHRP25M33H(Max. 8 branch), KHRP25M72H(Max. 8 branch), KHRP25M73H(Max. 8 branch) | | | | | | |
| | | | REFNET joint | BHRP25A22T, BHRP25A33T, BHRP25A72T, BHRP25A73T | | | | | | |
| | | | Pipe size reducer | KHRP25M72TP, KHRP25M73TP | | | | | | |
| | | 2 Pipes | REFNET header | KHRP26M22H(Max. 4 branch), KHRP26M33H(Max. 8 branch), KHRP26M72H(Max. 8 branch), KHRP26M73H(Max. 8 branch) | | | | | | |
| | | | REFNET joint | BHRP26A22TA, BHRP26A33TA, BHRP26A72TA, BHRP26A73TA | | | | | | |
| | | | Pipe size reducer | KHRP26M73HP | | | | | | |
| | | | | | | | | | | |
| 2 | Outdoor unit multi connection piping kit | | | — | | BHFP26R135 | | BHFP26R168 | | |

Note: *1. The appropriate REFNET parts should be selected to match the total capacity index of indoor units connected below each REFNET, based on the installation manual.

Option PCB

| No. | Type | | | Item | REFNET header REFNET joint Pipe size reducer | REFNET header REFNET joint Pipe size reducer | REFNET header REFNET joint Pipe size reducer |
|-----|--|--|--|--------------------|--|--|--|
| | | | | | | | |
| 1 | DIII-NET expand adaptor + Wire harness adaptor kit | | | DTA109A51 + BER11A | | | |
| 2 | External control adaptor | | | DTA104A62 | | | |

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