



PCVMT2109B

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.
- 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.

Notice



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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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 is reduced by large-capacity casing for max. 24 class (HP).
- Construction cost will be reduced also, because of slimmer main piping size.



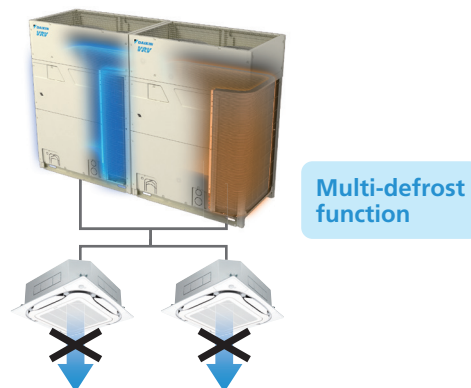
Energy Saving Technology

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



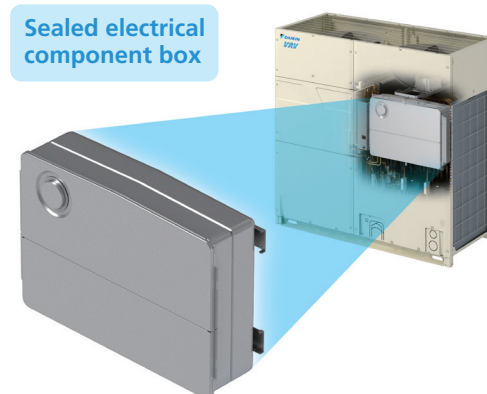
Comfort

- 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.



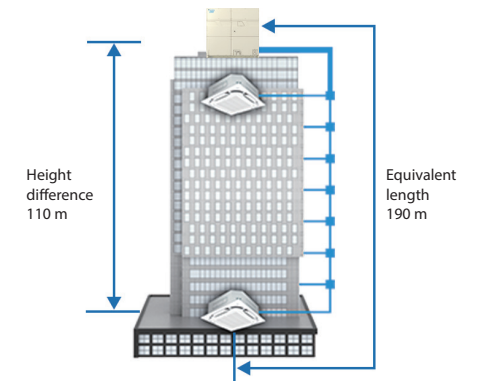
For CONSULTANTS



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



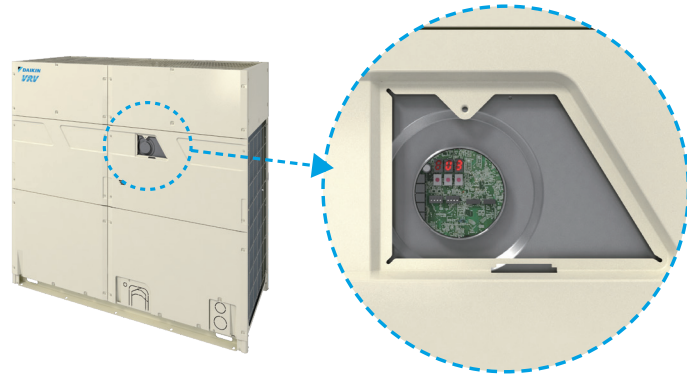
Slimmer Main Piping

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



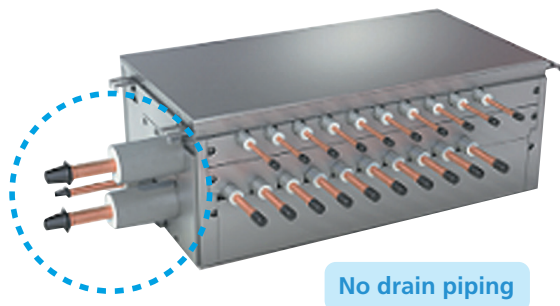
Electrical Component Service Window

- 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



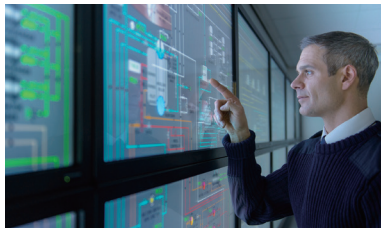
Large-capacity Single Module

- Installation space is reduced by large-capacity casing for max. 24 class (HP).
- Construction cost will be reduced also, because of slimmer main piping size.*1



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

For BUILDING MANAGERMENTS



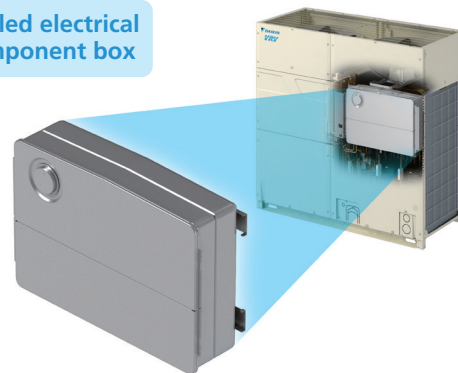
Reliability & Comfort



IP55 Sealed Component Box

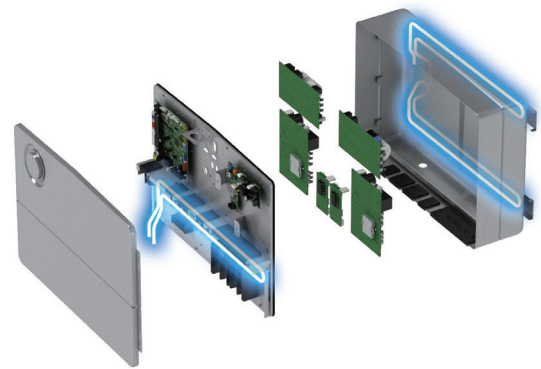
- Sealed electrical component box (IP55) blocks the ingress of debris or water, that leads to unexpected failures.

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

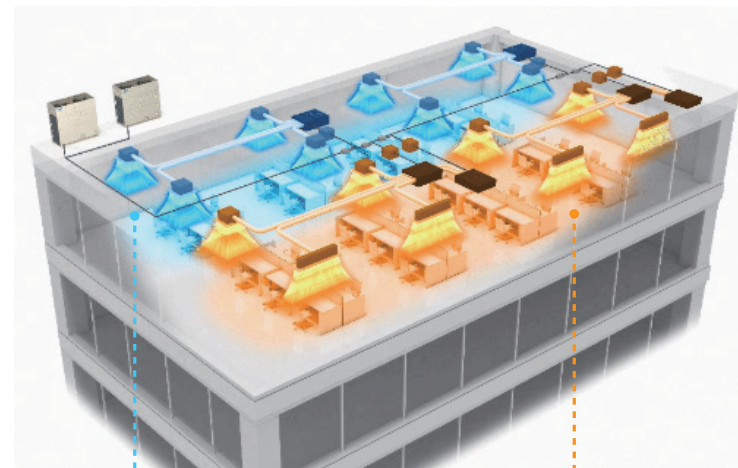
Recent office buildings are highly airtight and due to the use of computers, lighting equipment and other office equipments, **cooling load increases even in winter.**

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.



Cooling

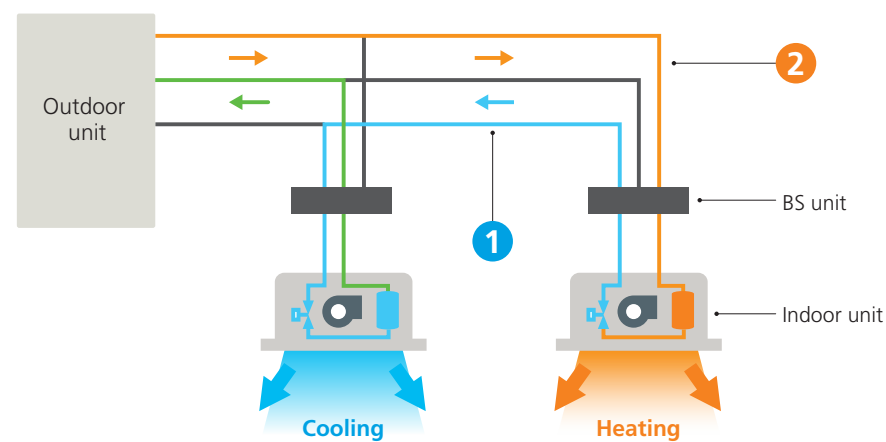
Hot area due to heat released by computers, etc.
→Cooling ON



Heating

Cold area during winter due to cold air coming from windows
→Heating ON

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



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

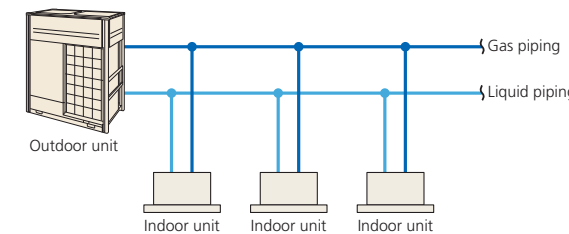
② The waste heat from cooling is used to generate heat that is needed for heating operation while conserving electricity.

BS unit (Single type/Multi type)

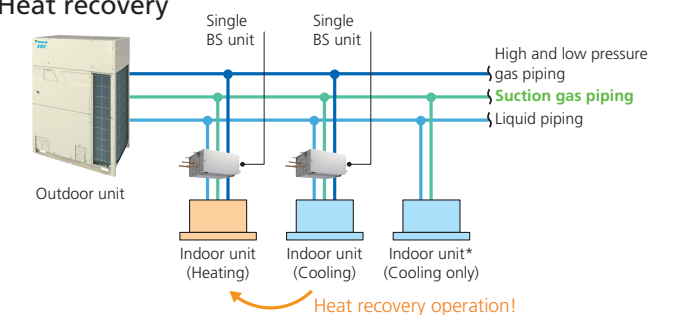
By adding suction gas piping and a BS unit (sold separately), simultaneous cooling and heating operation can be provided by a single system.



Heat pump

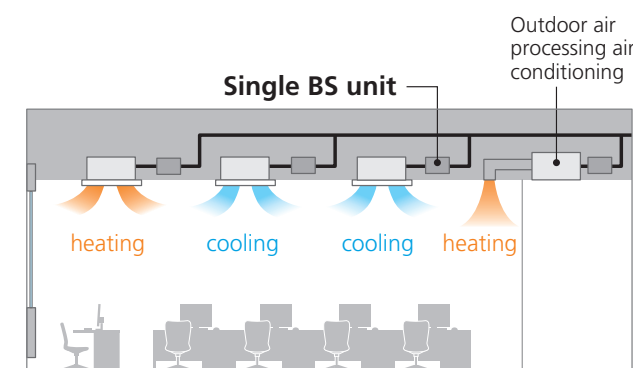


Heat recovery



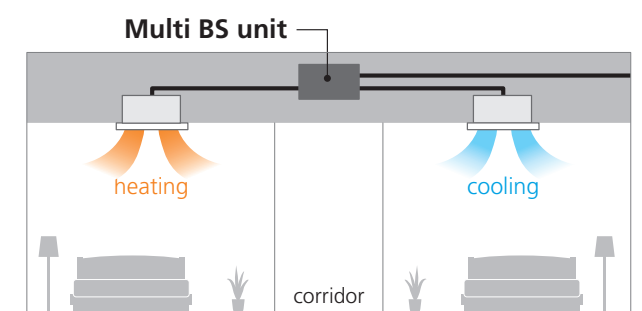
* For indoor units used for cooling only (do not connect to BS unit when using for heat recovery), total capacity index must be 50% or less than the capacity index of the outdoor units.

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.

8, 10, 12 class (HP)



REYQ8BYM REYQ12BYM
REYQ10BYM

14, 16, 18, 20 class (HP)



REYQ14BYM REYQ18BYM
REYQ16BYM REYQ20BYM

22, 24 class (HP)



REYQ22BYM
REYQ24BYM

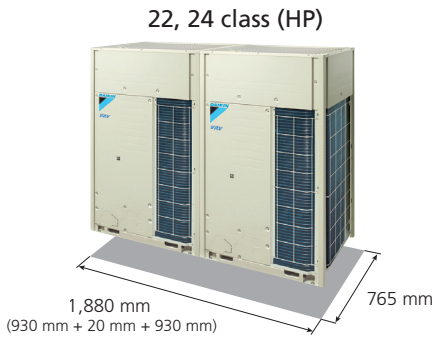
Outdoor unit combination

Type	System capacity class (HP)		Number of units	Single module (class)										
	Class (HP)	kW		8	10	12	14	16	18	20	22	24		
High Efficiency	24	67.0	Double			●●								
	28	78.4	Triple	●	●●	●								
	32	89.5			●●	●								
	34	95.0			●	●●								
	36	101				●●●								
	38	106			●●	●●		●	●					
	40	112				●●		●	●					
	42	117				●●			●					
Standard	44	124	Single			●	●		●					
	8	22.4		●										
	10	28.0			●									
	12	33.5				●								
	14	40.0					●							
	16	45.0						●						
	18	50.0							●					
	20	56.0								●				
	22	61.5									●			
	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	Triple						●				●	
	44	123								●			●	
	46	129									●		●	
	48	134										●●	●●	
	50	140				●			●	●				
	52	146				●				●●				
	54	152					●			●●				
	56	157						●		●●				
	58	162							●	●●				
	60	168								●●●				

Large-capacity single module

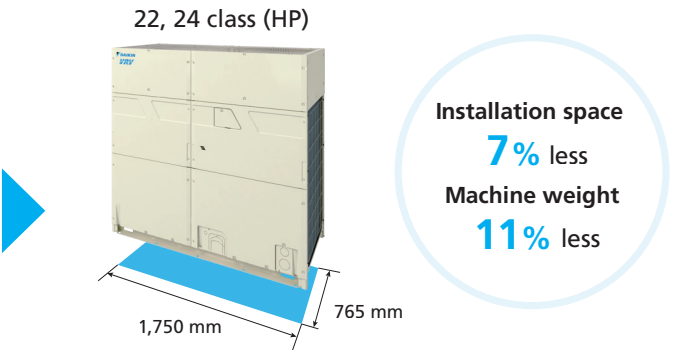
Single module reduces installation space

Conventional models
VRV R SERIES



Installation space **1.44 m²**
Machine weight **460 kg**

New models
VRV R SERIES



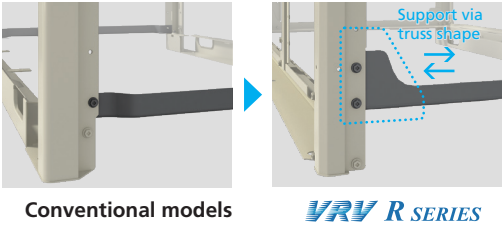
Installation space **1.34 m²**
Machine weight **409 kg**

New reinforced design

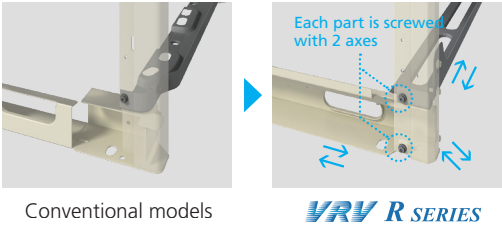
The frame structure has been strengthened to improve resistance to earthquakes and wind while protecting against falling damage.



1 Minimises horizontal wobbling



2 Minimises vibration from various angles



Energy Savings

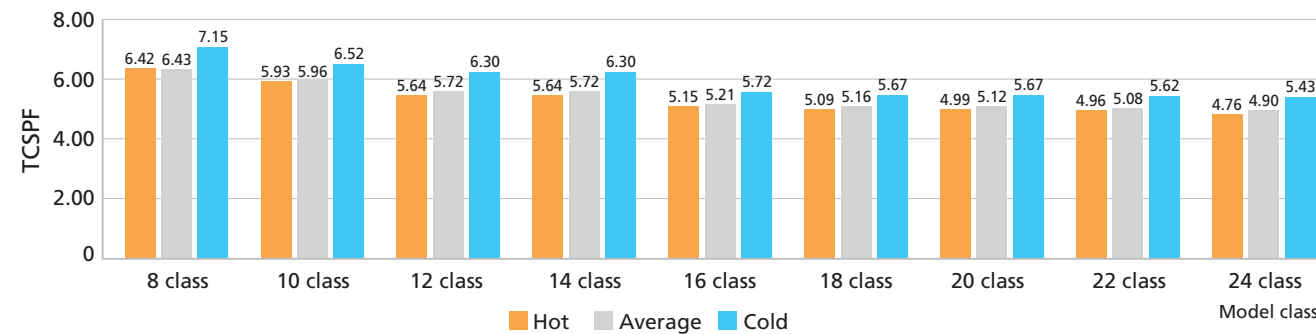


High TCSPF / HSPF

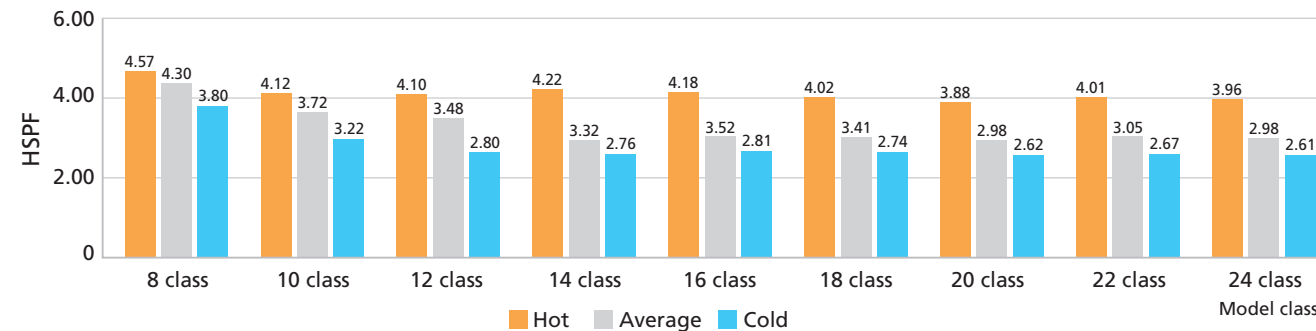
Energy savings during actual operation have been further improved by the evolution of software and hardware technologies.

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

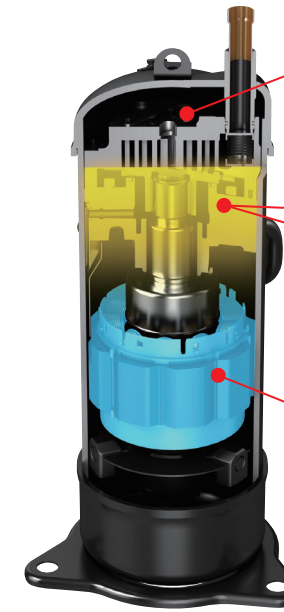
HOT : Brisbane, Darwin

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

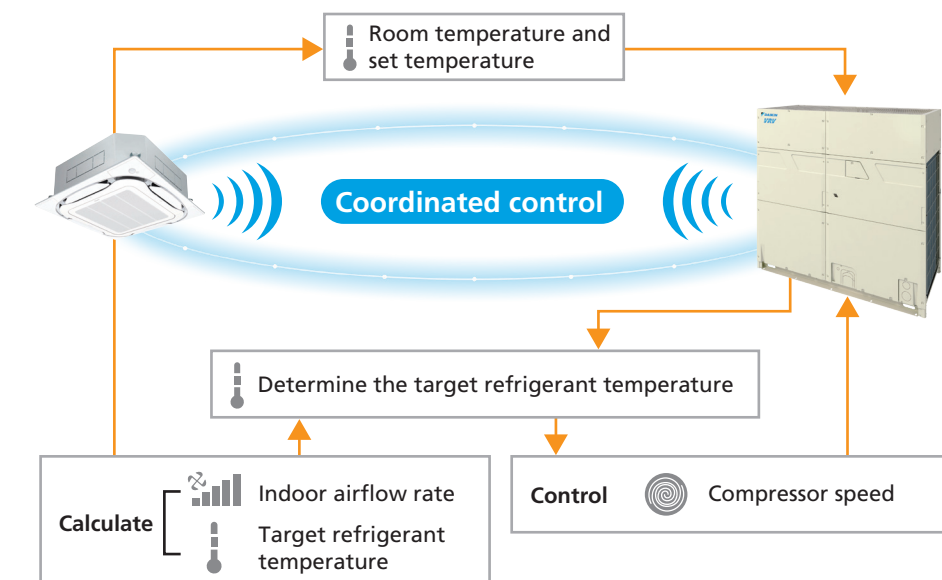
By adopting it, the coil circumference is greatly reduced, which makes the coil denser and thicker, and the electrical resistance of the coil is dramatically reduced to improve motor efficiency. Furthermore, the motor is light-weighted and downsized.

Software technology VRT Smart control

Fully Automatic Energy-saving Refrigerant Control

Optimal supply exactly meets the required capacity of indoor units

- Reduces compressor load and minimises operation loss so it is energy saving.
- Controls capacity according to load to ensure a constant room temperature for greater comfort.



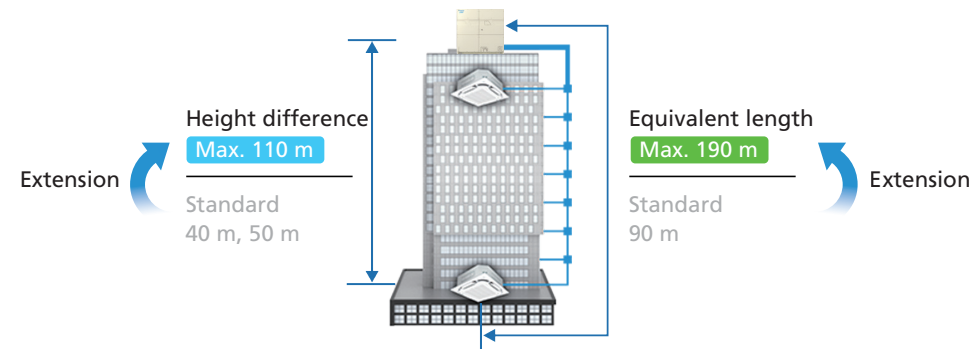
* For the classification of indoor units (VRT smart control and VRT control), refer to the indoor unit lineup.

Design Flexibility



Height difference and equivalent length can be extended simultaneously

Main piping (outdoor unit to first branch) can be increased by two sizes, and height difference length and equivalent length can be extended simultaneously.



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 piping liquid piping size must be increased.

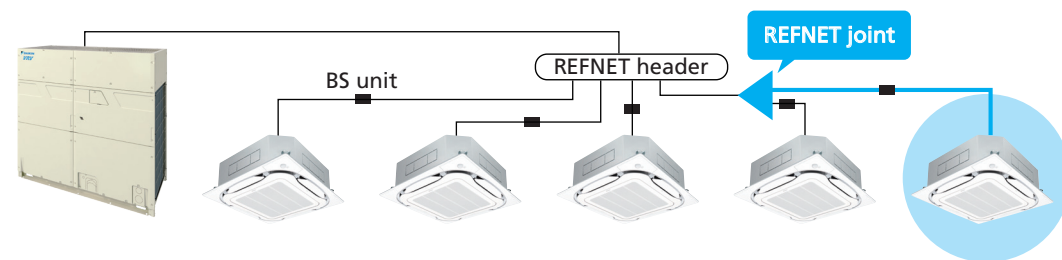
Equivalent length extension Max. 190 m

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

Furthermore, in some cases the main piping size must be increased for piping length extension (up to 90 m) from the first branch to the indoor unit.

REFNET header downstream branching supported

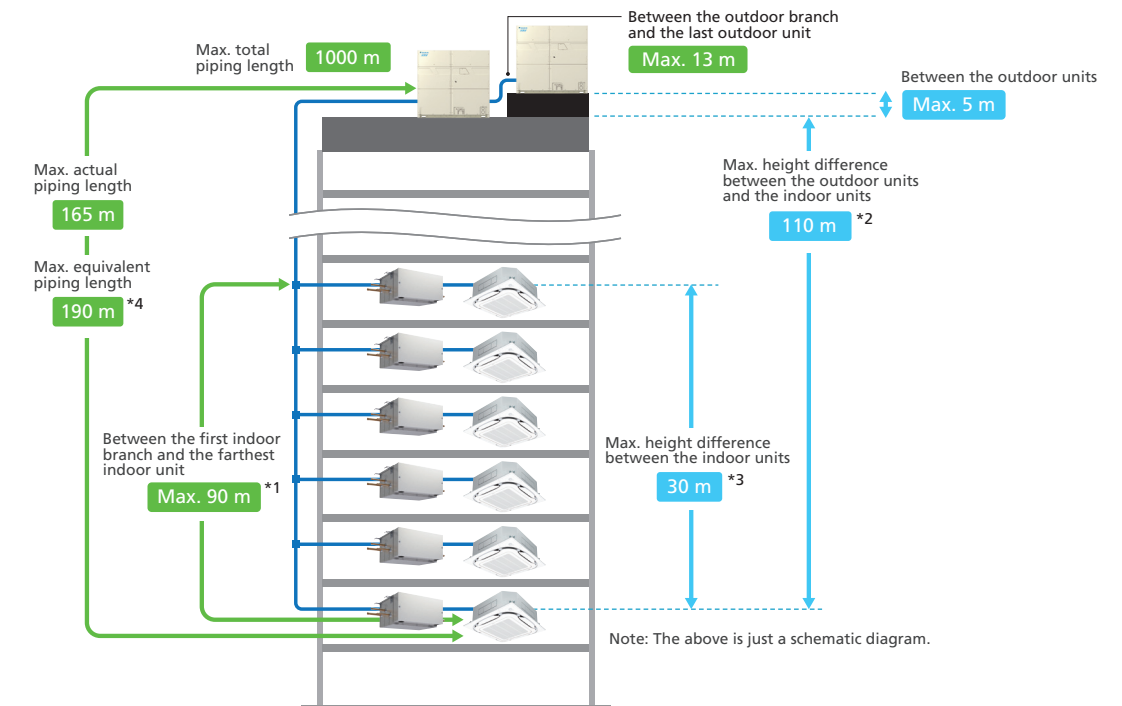
Piping branch by REFNET joint is possible downstream of REFNET header. The indoor unit arrangement can be more flexible.



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
	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%

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

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)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

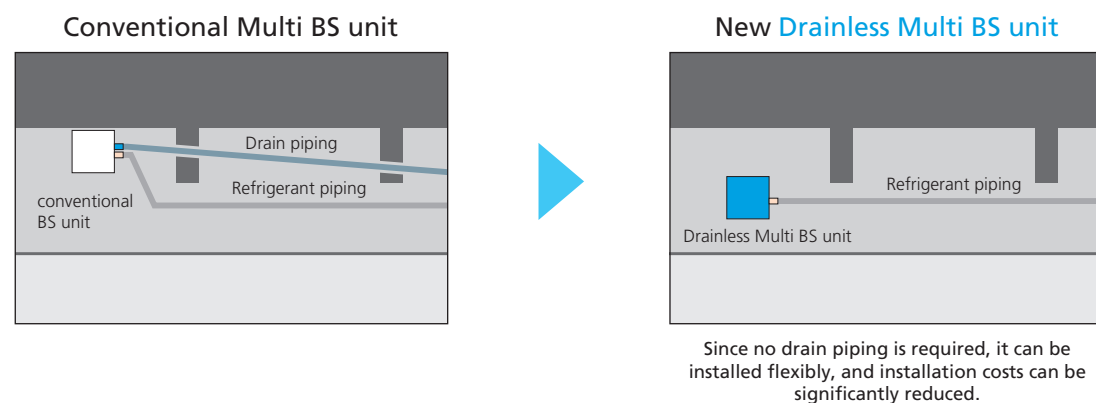
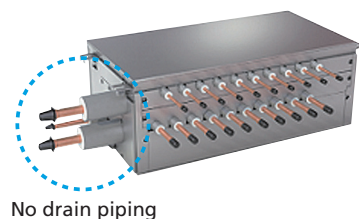


■ Drainless Multi BS unit

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

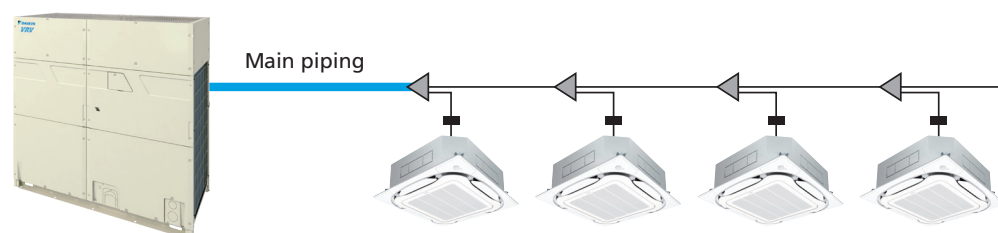
- Abundant lineup includes port counts of 4, 6, 8, 10, 12, and 16. *
- Drain is eliminated with the use of foam insulation inside the casing. On-site work has significantly been reduced for lower installation costs.

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



■ 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.



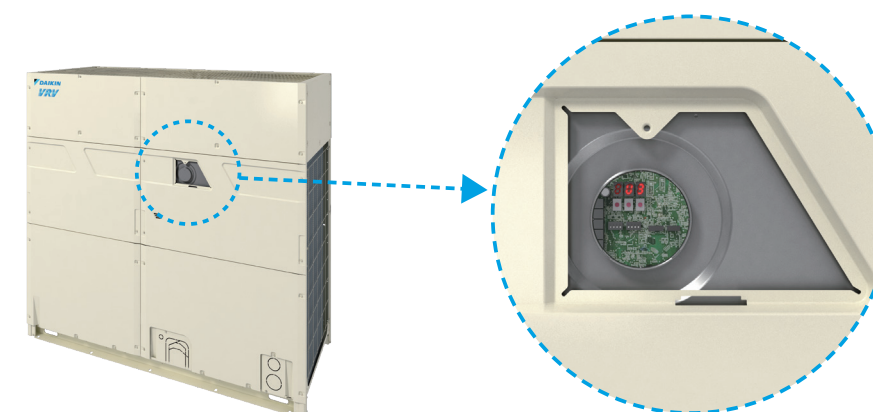
Slimmer high/low pressure gas piping and suction gas piping can be achieved as shown in the table below. *1

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	28.6	19.1
14	12.7	22.2	22.2		28.6
16			28.6		34.9
18		28.6	28.6		34.9
20		28.6	28.6		34.9
22	15.9	28.6	28.6	34.9	34.9
24					

- *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.
 - Maximum connection ratio : 100%
 - The total capacity index of the indoor unit in cooling operation during simultaneous cooling and heating operation shall be 50% or less of the outdoor unit capacity index.
 - Maximum equivalent piping length : 70 m

■ 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

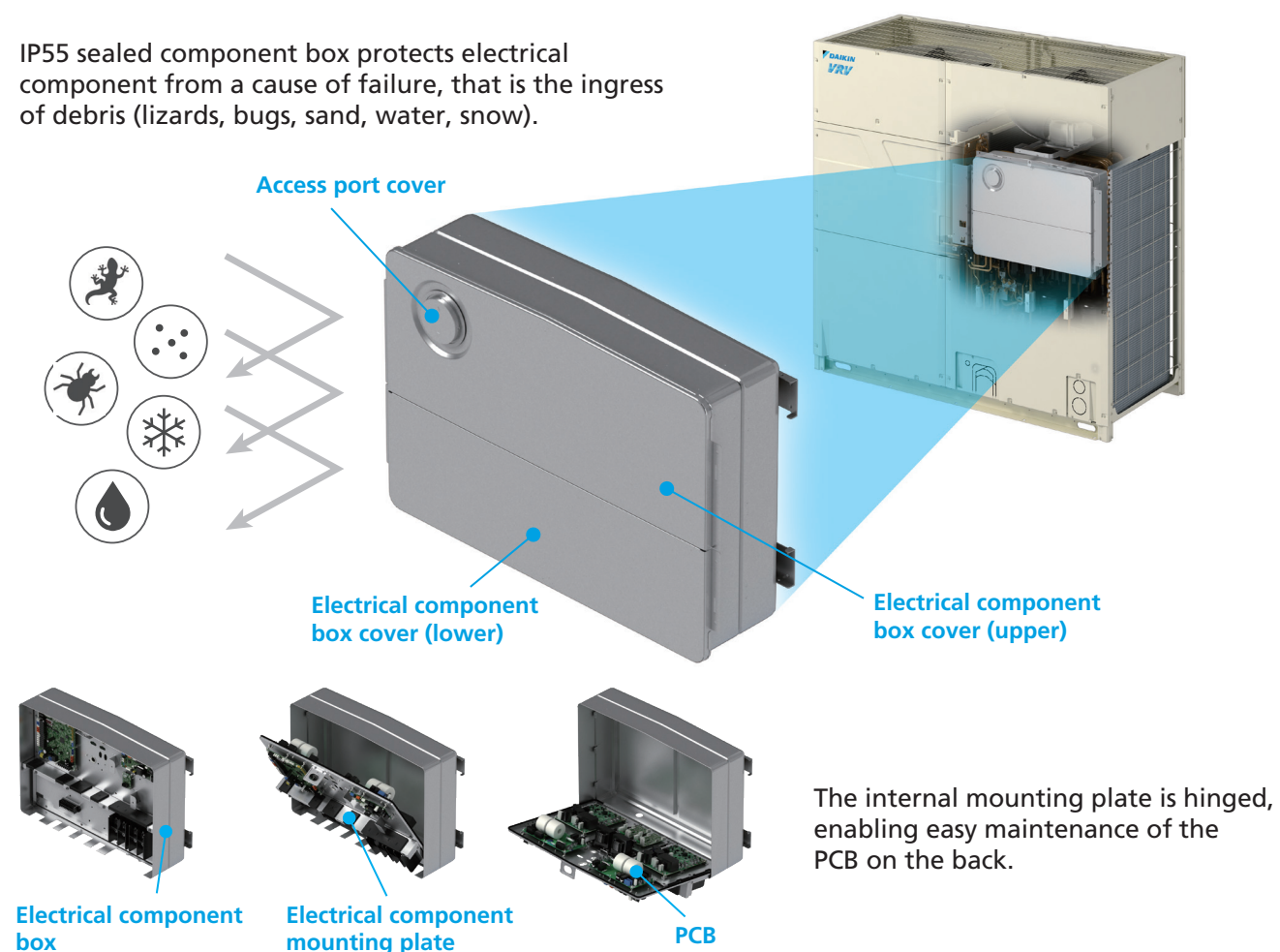


Work becomes easier with sufficient space



■ 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).



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**

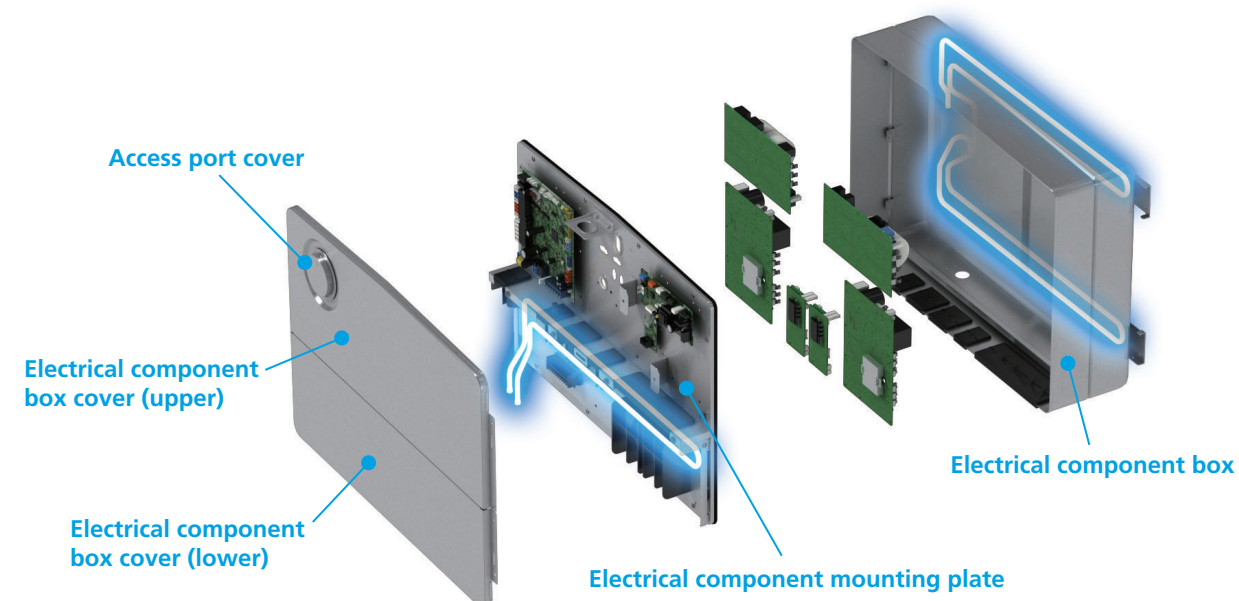
Ingress of dust is not entirely prevented, but it must not enter in sufficient quantity to interfere with the satisfactory operation of the equipment.

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.

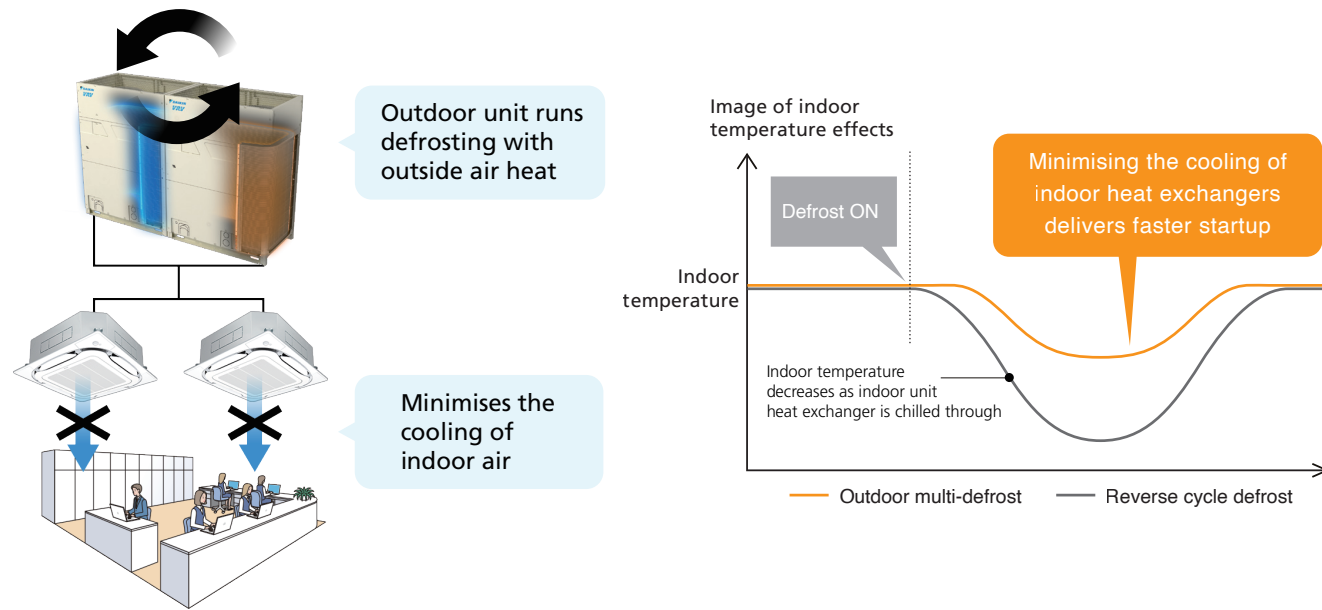
■ Enables operation in high outdoor temperature

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.





Outdoor unit multi-defrost function

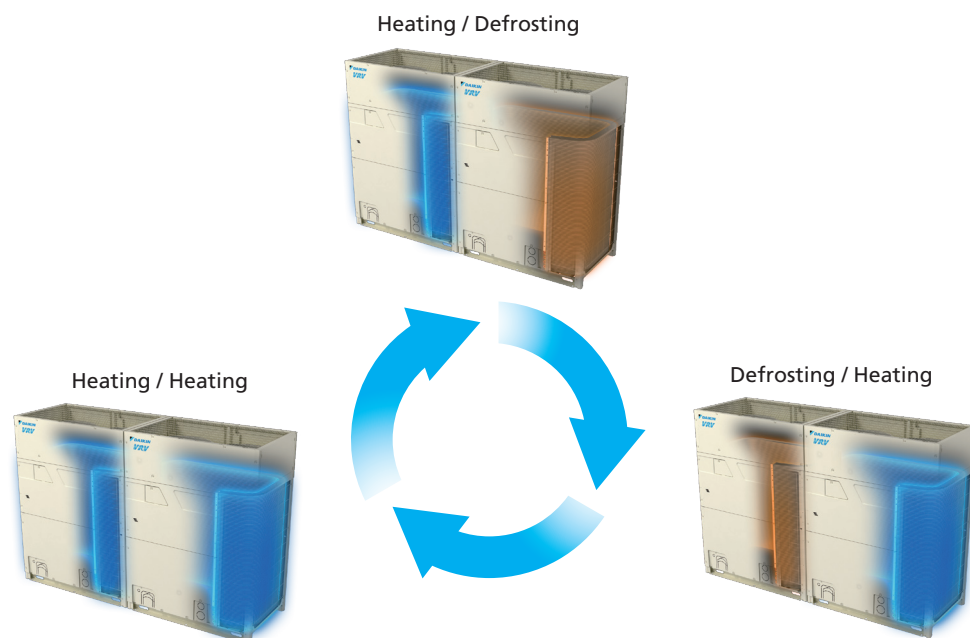


Improves comfort of defrosting operation

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).

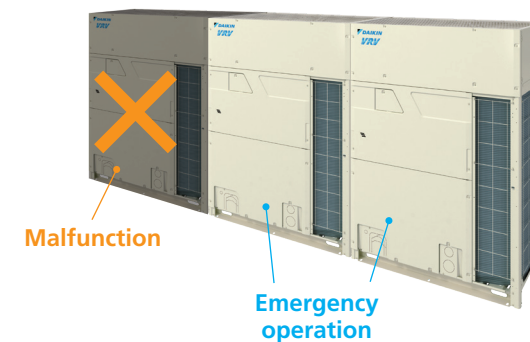
The "outdoor multi-defrost function" enables large-capacity casing models of 22 and 24 class (HP) and multi outdoor units to use outdoor heat for heat exchange and interchange defrost operation while minimising indoor heat absorption and decreases in indoor temperature.

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



Double backup operation functions

Unit backup operation function

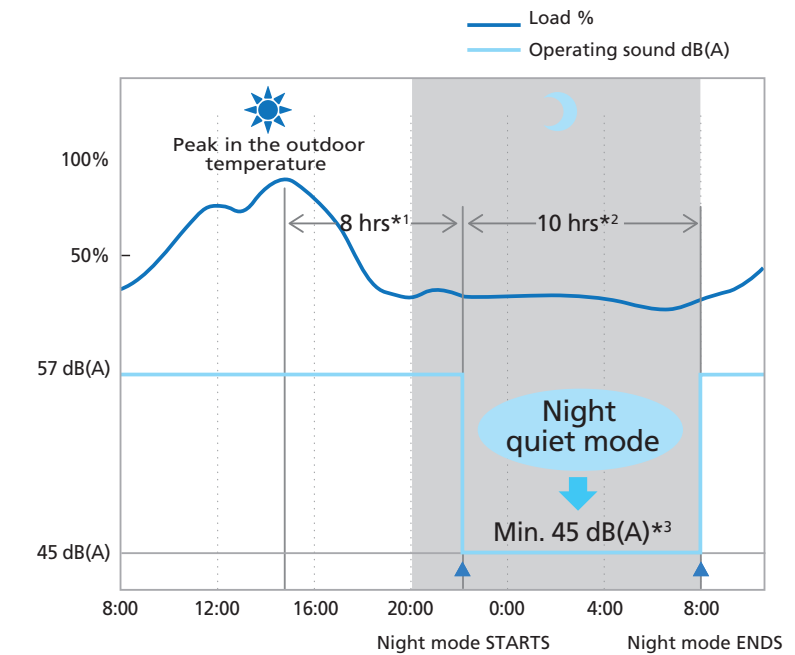


Compressor backup operation function



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

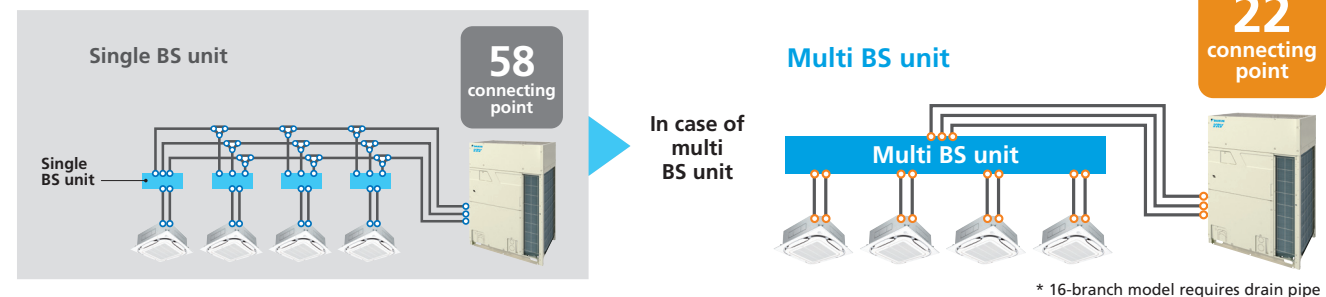
■ Wide range lineup

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

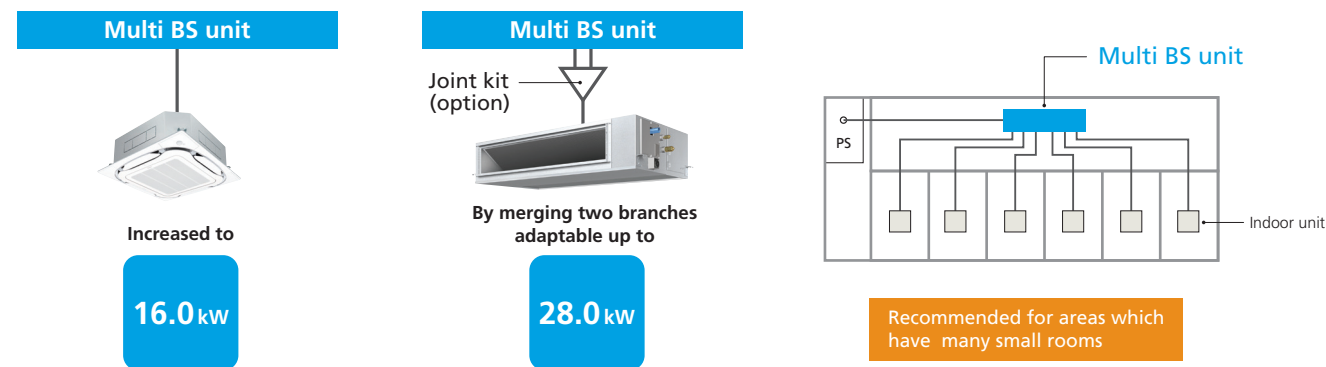
■ Individual control and cooling/heating changeover for each branch

■ 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

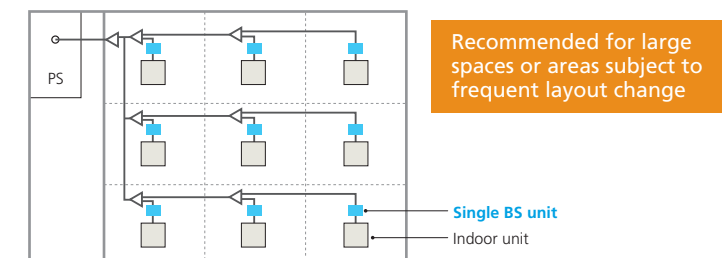
■ No need for drain piping

- 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	BSQ100AVE			BSQ160AVE	BSQ250AVE
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	High Efficiency Type																											
	Standard Type																											

Outdoor unit combinations

High Efficiency Type

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
24	67.0	600	REYQ24BH	REYQ12B × 2	BHFP26R135	300 to 780 (960)	39 (48)
28	78.4	700	REYQ28BH	REYQ8B + REYQ10B × 2	BHFP26R168	350 to 910 (910)	45 (45)
32	89.5	800	REYQ32BH	REYQ10B × 2 + REYQ12B		400 to 1,040 (1,040)	52 (52)
34	95.0	850	REYQ34BH	REYQ10B + REYQ12B × 2		425 to 1,105 (1,105)	55 (55)
36	101	900	REYQ36BH	REYQ12B × 3		450 to 1,170 (1,170)	58 (58)
38	106	950	REYQ38BH	REYQ10B × 2 + REYQ18B		475 to 1,235 (1,235)	61 (61)
40	112	1,000	REYQ40BH	REYQ12B × 2 + REYQ16B		500 to 1,300 (1,300)	64 (64)
42	117	1,050	REYQ42BH	REYQ12B × 2 + REYQ18B		525 to 1,365 (1,365)	
44	124	1,100	REYQ44BH	REYQ12B + REYQ14B + REYQ18B		550 to 1,430 (1,430)	

Notes: *1. The outdoor unit multi connection piping kit (separately sold) is required for multiple connection.
*2. Values inside brackets are based on connection of indoor units rated at maximum capacity, 160% for double outdoor units, and 130% for triple outdoor units. Refer to page 14 for note on connection capacity of indoor units.




















Standard Type

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	BHFP26R168	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		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 REYQ8-20BYM, 180% for REYQ22/24BYM, 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						
				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	FXFSQ-AVM																							
	Round Flow Cassette	FXFQ-AVM																							
	Compact Multi Flow Cassette	FXZQ-AVM																							
	Double Flow Cassette	FXCQ-AVM																							
	Corner Cassette	FXKQ-MA																							
Ceiling Concealed Duct	Slim Duct (Standard)	FXDQ-PDVE	 (700 mm width type)																						
		FXDQ-NDVE	 (900/1,100 mm width type)																						
	Middle Static Pressure Duct	FXSQ-PAVE																							
	Middle-High Static Pressure Duct	FXMQ-PAVE																							
	Outdoor-Air Processing Unit	FXMQ-MFV1																							
Ceiling Suspended	4-Way Flow Ceiling Suspended	FXUQ-AVEB																							
	Ceiling Suspended	FXHQ-MAVE																							
		FXHQ-AVM																							
Wall Mounted		FXAQ-AVM																							
Floor Standing	Floor Standing	FXLQ-MAVE																							
	Concealed Floor Standing	FXNQ-MAVE																							
Heat Reclaim Ventilator with DX-Coil				Airflow rate 500-950 m³/h																					
Heat Reclaim Ventilator				Airflow rate 150-2000 m³/h																					
Air Handling Unit				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).

Outdoor Unit Specifications

Specifications

High Efficiency Type

Heat Recovery

											
Model			REYQ24BHYM	REYQ28BHYM	REYQ32BHYM	REYQ34BHYM	REYQ36BHYM	REYQ38BHYM	REYQ40BHYM	REYQ42BHYM	REYQ44BHYM
Combination units			REYQ12BYM	REYQ8BYM	REYQ10BYM	REYQ10BYM	REYQ12BYM	REYQ10BYM	REYQ12BYM	REYQ12BYM	REYQ12BYM
			REYQ12BYM	REYQ10BYM	REYQ10BYM	REYQ12BYM	REYQ10BYM	REYQ12BYM	REYQ12BYM	REYQ14BYM	
			—	REYQ10BYM	REYQ12BYM	REYQ12BYM	REYQ12BYM	REYQ18BYM	REYQ16BYM	REYQ18BYM	REYQ18BYM
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	229,000	268,000	305,000	324,000	345,000	362,000	382,000	399,000	423,000
		kW	67.0	78.4	89.5	95.0	101	106	112	117	124
Heating capacity		Btu/h	256,000	300,000	345,000	365,000	386,000	406,000	427,000	447,000	474,000
		kW	75.0	88.0	101	107	113	119	125	131	139
Power consumption	Cooling	kW	17.4	18.8	22.3	24.2	26.4	28.0	30.3	31.8	34.6
	Heating	kW	19.6	20.3	24.6	27.2	29.7	29.1	33.2	34.1	37.4
Capacity control		%	3-100		2-100	1-100	2-100		1-100		
AEER*	Cooling		3.60	3.87	3.74	3.66	3.58	3.54	3.46	3.45	3.36
ACOP*	Heating		3.61	4.05	3.85	3.71	3.59	3.86	3.56	3.63	3.52
TCSPF* (Cooling)	Hot		5.65 / 5.03	6.07 / 5.35	5.83 / 5.18	5.73 / 5.10	5.64 / 5.02	5.51 / 4.90	5.44 / 4.84	5.40 / 4.80	5.40 / 4.79
	Average		5.73 / 4.31	6.09 / 4.47	5.88 / 4.39	5.80 / 4.35	5.73 / 4.31	5.56 / 4.16	5.51 / 4.14	5.47 / 4.12	5.48 / 4.08
Commercial / Residential	Cold		6.31 / 4.33	6.70 / 4.43	6.45 / 4.38	6.37 / 4.35	6.31 / 4.33	6.10 / 4.16	6.06 / 4.15	6.02 / 4.13	6.03 / 4.09
	Hot		4.11 / 4.12	4.24 / 4.26	4.12 / 4.13	4.12 / 4.13	4.11 / 4.12	4.08 / 4.09	4.14 / 4.15	4.07 / 4.08	4.11 / 4.12
Commercial / Residential	Average		3.49 / 3.00	3.93 / 3.77	3.71 / 3.39	3.69 / 3.37	3.49 / 3.00	3.67 / 3.36	3.50 / 3.01	3.46 / 2.98	3.20 / 3.01
	Cold		2.80 / 2.46	3.37 / 3.06	3.03 / 2.72	3.03 / 2.71	2.80 / 2.45	3.01 / 2.69	2.81 / 2.46	2.78 / 2.43	2.81 / 2.47
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	7.67+7.67	4.13+5.87+5.87	5.87+5.87+7.67	5.87+7.67+7.67	7.67+7.67+7.67	5.87+5.87+(4.04+6.56)	7.67+7.67+(4.44+5.03)	7.67+7.67+(4.04+6.56)	7.67+8.45+(4.04+6.56)
Airflow rate		ℓ/s	3,015+3,015	2,583+2,812+2,812	2,812+2,812+3,015	2,812+3,015+3,015	3,015+3,015+3,015	2,812+2,812+4,293	3,015+3,015+4,428	3,015+3,015+4,293	3,015+4,327+4,293
		m³/min	181+181	155+169+169	169+169+181	169+181+181	181+181+181	169+169+258	181+181+266	181+181+258	181+260+258
Dimensions (H×W×D)		mm	(1,660×930×765) + (1,660×930×765)	(1,660×930×765) + (1,660×930×765) + (1,660×930×765)			(1,660×930×765) + (1,660×930×765) + (1,660×930×765)	(1,660×930×765) + (1,660×930×765) + (1,660×1,240×765)			(1,660×930×765) + (1,660×1,240×765) + (1,660×1,240×765)
Machine weight		kg	232+232	227+231+231	231+231+232	231+232+232	232+232+232	231+231+357	232+232+323	232+232+357	232+281+357
Sound level		dB(A)	62	61	63		64	64	65	66	
Sound power		dB(A)	86	85	86	87	88	87	88	89	
Operation range	Cooling	°CDB	-5 to 49						-5 to 49		
	Heating	°CWB	-25 to 15.5						-25 to 15.5		
Refrigerant		Type	R-410A						R-410A		
Charge		kg	11.7+11.7	11.7+11.7+11.7	11.7+11.7+11.7	11.7+11.7+11.7	11.7+11.7+11.7	11.7+11.7+11.7	11.7+11.7+11.7		11.7+11.7+11.7
Piping connections	Liquid	mm	f 15.9 (Brazing)	f 19.1 (Brazing)			f 19.1 (Brazing)				
	Gas	mm	f 34.9 (Brazing)						f 41.3 (Brazing)		
	High and low pressure gas	mm	f 28.6 (Brazing)						f 28.6 (Brazing)	f 34.9 (Brazing)	

Notes: Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Height difference: 0 m.
- Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°CWB, Equivalent piping length: 7.5 m, Height difference: 0 m.
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.

During actual operation, these values are normally somewhat higher as a result of ambient conditions and oil recovery mode.

When there is concern for noise the surrounding area such as residences, we recommend investigating the installation location and taking soundproofing measures.

★ 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.

Outdoor Unit Specifications

Specifications

Standard Type

Heat Recovery

																				
Model			REYQ8BYM	REYQ10BYM	REYQ12BYM	REYQ14BYM	REYQ16BYM	REYQ18BYM	REYQ20BYM	REYQ22BYM	REYQ24BYM	REYQ26BYM	REYQ28BYM	REYQ30BYM	REYQ32BYM	REYQ34BYM				
Combination units			—	—	—	—	—	—	—	—	—	REYQ12BYM REYQ14BYM	REYQ12BYM REYQ16BYM	REYQ12BYM REYQ18BYM	REYQ12BYM REYQ20BYM	REYQ14BYM REYQ20BYM				
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			%	6-100	7-100	6-100	3-100	2-100		2-100	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				
HSPF* (Heating)	Average		4.30 / 4.15	3.72 / 3.59	3.48 / 3.00	3.32 / 2.80	3.52 / 3.01	3.41 / 2.93	2.98 / 2.80	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	3.22 / 2.88	2.80 / 2.46	2.76 / 2.36	2.81 / 2.46	2.74 / 2.39	2.62 / 2.29	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	4,327+5,095				
	m³/min		155	169	181	260	266	258	306	430		181+260	181+266	181+258	181+306	260+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)					
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	65	67	68	64	64	63	66	67				
Sound power			dB(A)	80		83		85		89		90		86		90				
Operation range	Cooling	°CDB	-5 to 49									-5 to 49								
	Heating	°CWB	-25 to 15.5									-25 to 15.5								
Refrigerant			R-410A									R-410A								
Piping connections	Type		R-410A									R-410A								
	Charge	kg	11.7	11.7	11.7	11.7			11.7			11.7+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)			φ 34.9 (Brazing)					
	High and low pressure gas	mm	φ 15.9 (Brazing)		φ 19.1 (Brazing)		φ 22.2 (Brazing)			φ 28.6 (Brazing)			φ 28.6 (Brazing)			φ 28.6 (Brazing)				

Notes: Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Height difference: 0 m.
- Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°CWB, Equivalent piping length: 7.5 m, Height difference: 0 m.
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.

During actual operation, these values are normally somewhat higher as a result of ambient conditions and oil recovery mode.

When there is concern for noise the surrounding area such as residences, we recommend investigating the installation location and taking soundproofing measures.

★ 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.

Outdoor Unit Specifications

Specifications

Standard Type

Heat Recovery

																																								
Model			REYQ36BYM	REYQ38BYM	REYQ40BYM	REYQ42BYM	REYQ44BYM	REYQ46BYM	REYQ48BYM				REYQ50BYM	REYQ52BYM	REYQ54BYM	REYQ56BYM	REYQ58BYM	REYQ60BYM																						
Combination units			REYQ16BYM	REYQ18BYM	REYQ20BYM	REYQ18BYM	REYQ20BYM	REYQ22BYM	REYQ24BYM				REYQ12BYM	REYQ12BYM	REYQ14BYM	REYQ16BYM	REYQ18BYM	REYQ20BYM																						
			REYQ20BYM	REYQ20BYM	REYQ20BYM	REYQ24BYM	REYQ24BYM	REYQ24BYM	REYQ24BYM				REYQ18BYM	REYQ20BYM	REYQ20BYM	REYQ20BYM	REYQ20BYM	REYQ20BYM																						
			—	—	—	—	—	—	—				REYQ20BYM	REYQ20BYM	REYQ20BYM	REYQ20BYM	REYQ20BYM	REYQ20BYM																						
Power supply			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			%			1-100			2-100						1-100																									
AEER*	Cooling				3.13	3.13	3.03	3.10	3.00	3.04	2.98				3.22	3.13	3.10	3.09	3.09	3.03																				
ACOP*	Heating				3.50	3.58	3.50	3.42	3.36	3.31	3.25				3.58	3.51	3.45	3.50	3.55	3.50																				
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				5.17 / 4.59	5.12 / 4.55	5.15 / 4.56	5.04 / 4.47	5.02 / 4.46	4.99 / 4.43																				
Commercial / Residential	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				5.27 / 3.96	5.25 / 3.94	5.27 / 3.92	5.15 / 3.86	5.14 / 3.86	5.13 / 3.84																				
	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				5.82 / 3.99	5.82 / 3.99	5.84 / 3.97	5.70 / 3.90	5.68 / 3.90	5.68 / 3.90																				
HSPF* (Heating)	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				3.99 / 4.00	3.94 / 3.95	3.97 / 3.98	3.93 / 3.98	3.93 / 3.94	3.89 / 3.90																				
	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				3.38 / 2.90	3.33 / 2.85	3.07 / 2.88	3.05 / 2.86	3.32 / 2.85	2.99 / 2.81																				
Commercial / Residential	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				2.71 / 2.37	2.67 / 2.33	2.70 / 2.36	2.68 / 2.34	2.66 / 2.32	2.63 / 2.29																				
	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)			(1,660×1,240×765) + (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			357+357+357													
Sound level			dB(A)			67			66			68			69			70			71			67			69			70										
Sound power			dB(A)			90			90			92			91			93			91			93			94													
Operation range	Cooling	°CDB			-5 to 49																																			
	Heating	°CWB			-25 to 15.5																																			
Refrigerant	Type	R-410A																																						
	Charge	kg			11.7+11.7																																			
Piping connections	Liquid	mm			φ 19.1 (Brazing)																																			
	Gas	mm			φ 41.3 (Brazing)																																			
	High and low pressure gas	mm			φ 28.6 (Brazing)			φ 34.9 (Brazing)																																

Notes: Specifications are based on the following conditions;

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Option List

Outdoor units

MEMO

High Efficiency Type

No.	Type Item			REYQ24BH	REYQ28BH REYQ32BH REYQ34BH		REYQ36BH REYQ38BH REYQ40BH		REYQ42BH REYQ44BH
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		REFNET header			REFNET joint			Pipe size reducer		
			REFNET header	REFNET joint	Pipe size reducer	REFNET header	REFNET joint	Pipe size reducer	REFNET header	REFNET joint	Pipe size reducer
	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										
2	External control adaptor										

Standard Type

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		REFNET header							
			REFQ8B	REFQ16B	REFQ24B	REFQ32B	REFQ40B	REFQ48B	REFQ56B	
	Item		REFQ10B	REFQ18B	REFQ26B	REFQ34B	REFQ42B	REFQ50B	REFQ58B	
			REFQ12B	REFQ20B	REFQ28B	REFQ36B	REFQ44B	REFQ52B	REFQ60B	
1	DIII-NET expand adaptor		DTA109A51							
2	External control adaptor		DTA104A61							